OAKLAND UNIVERSITY

Volume 1

Policies and Procedures
College of Arts and Sciences (CAS)

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UNDERGRADUATE CATALOG

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The academic requirements described in this catalog are in effect fall semester 2017 through summer semester 2023. Undergraduate students admitted to a degree-granting program may use provisions in this catalog to meet requirements within that time frame.

Introduction

Oakland University is a nationally recognized, public university offering students a personal, high-quality, affordable education through a diverse combination of liberal studies, professional instruction, and cultural and social experiences.

Recognized as one of the country's 83 doctoral research universities by The Carnegie Foundation for the Advancement of Teaching, Oakland University offers its more than 20,000 students opportunities to work directly on research projects with expert faculty who bring current knowledge right to the classroom. In all its activities, Oakland University strives to exemplify educational leadership. Anchored by a strong liberal arts program, the university is organized into the College of Arts and Sciences, schools of Business Administration, Education and Human Services, Engineering and Computer Science, Health Sciences, Nursing and The Honors College.

The university's full-time faculty, which numbers more than 600, has a distinguished record of research and scholarship. Faculty members have won some of the most prestigious awards made by government agencies and private foundations. Oakland received more than $39 million in grants and funding for research efforts across multiple disciplines in the 2017-18 fiscal year. Studies in biological and physical sciences and nondestructive testing attract national and international attention to Oakland University. Its highly recognized Eye Research Institute is the only major eye research center in the United States not associated with a medical school. The Center for Biomedical Research resides in the College of Arts and Sciences and facilitates collaborative biomedical research projects with core facilities and equipment. The Oakland University William Beaumont School of Medicine, Michigan's first new M.D.-granting (allopathic) medical school in 47 years, earned full LCME accreditation and celebrated its first graduating class in 2015.

The university takes pride in the many scholarly books and articles written by its faculty and in its contributions to pedagogy and the creative arts. Undergraduate students at Oakland University are involved in high-level research projects, and the results of their research and scholarship are integrated into related courses of instruction. An unusually high proportion of Oakland University alumni have gone on to earn doctoral degrees or other distinctions in their fields.

Complementing its academic programs, Oakland University collaborates actively with business and industry to foster economic development and meet the demands of a highly educated workforce in southeastern Michigan. The university offers world-class cultural activities with emphasis on the professional performing arts. Meadow Brook Hall, former home of the university's benefactors, is a National Historic Landmark and serves as an historic museum and cultural center. Affiliated with the Department of Art and Art History in the College of Arts and Sciences, Oakland University Art Gallery exhibits promise something new for art enthusiasts of all ages, interests and passions. Founded on Oakland's campus in 1967, Meadow Brook Theatre is Michigan's largest non-profit producing professional theatre. Meadow Brook Amphitheatre brings an annual summer program of world-class entertainment to campus.

Oakland University was created in 1957 when the late Alfred G. and Matilda R. Wilson donated $2 million and their 1,500-acre estate to Michigan State University to begin a new college in Oakland County. Named Michigan State University-Oakland, the new campus enrolled its first students in 1959. In 1963 its name was changed to Oakland University and in 1970 the Michigan Legislature recognized the maturity and stature of the university by granting it autonomy. The governor appointed Oakland University's first board of trustees in 1970.

From its beginnings, the university has emphasized academic quality, providing a dynamic, student-focused learning environment with integration of liberal and professional studies by a faculty of dedicated scholar-teachers. Oakland prides itself on providing a unique, distinctive undergraduate experience that is complemented by the strength of graduate offerings and research accomplishments. Oakland is focused on engaging with communities and developing partnerships, broadening its research agenda, providing opportunities for entrepreneurship and continuing its pattern of growth.

Located in suburban Oakland County, Michigan, Oakland University is easily accessible to millions of Detroit metropolitan area residents. Oakland's relationship with its hometown communities enriches student lives. Through partnership efforts with the cities of Rochester, Rochester Hills, Auburn Hills, and Pontiac many internship opportunities are available to Oakland students and many merchants offer discounts for OU students, alumni and staff. Through OU-Macomb, more than 25 Oakland University degree programs currently serve nearly 1,100 students at the Macomb University Center, Macomb Intermediate School District and the Anton-Frankel Center. The Wayne State University Law School is the exclusive educational partner law school for Oakland University, making law school accessible to students from southeastern Michigan.

The natural beauty of Oakland's 1,443 acre campus, much of it still wooded and undeveloped, is enhanced by comprehensive recreational facilities and modern buildings that house the university's many academic and public service programs as well as more than 2,700 residential students in its six co-ed residence halls, student apartment complexes and townhomes. Adjacent to the campus is the Oakland Technology Park, a research park where private-sector companies work hand-in-hand with higher education. The OU SmartZone business incubator, OU INC, provides entrepreneurial resources and strategic business solutions to develop intellectual property. Student research and internship opportunities are also enhanced by the proximity of many Fortune 500 companies.

Role and Mission

Oakland University is a preeminent metropolitan university that is recognized as a student-centered, doctoral research institution with a global perspective. We engage students in distinctive educational experiences that connect to the unique and diverse opportunities within and beyond our region.

Through faculty-driven and student-engaged research, scholarship, and creative activity, Oakland University advances knowledge and art in a diverse and inclusive environment.

Oakland University is an active community partner providing thriving civic, cultural, and recreational opportunities and valuable public service.

Instruction

Oakland University provides rigorous educational programs. A strong core of liberal arts and sciences is the basis on which undergraduates develop the skills, knowledge and attitudes essential for successful living and active, concerned citizenship. A variety of majors and specialized curricula prepare students for post-baccalaureate education, professional schools, or careers directly after graduation. Each program provides a variety of courses and curricular experiences to ensure an enriched life along with superior career preparation or enhancement.

The University offers master's degree that meet demonstrable needs of Michigan residents and that maintain excellence. Doctoral programs are offered which are innovative and serve needs that are not adequately met elsewhere in the state.

Offerings in continuing education provide Michigan residents with high-quality course-work for professional development and personal enrichment.

Oakland University is selective in its admission standards and seeks both traditional and nontraditional students, ensuring equal opportunity to all who can profit from its offerings. While serving principally Michigan residents, it welcomes qualified applicants from other states and countries. A special effort is made to locate and admit disadvantaged students with strong potential for academic success and to provide the support conducive to the realization of that potential. The faculty and staff cooperate with nearby community colleges to ensure that their students who seek to transfer to Oakland University are well prepared for work at a senior college. In recruiting and admitting students, enrollments are not permitted to exceed numbers consistent with preserving the high quality of instruction.

The University strives to remain current and relevant through an adequate program of continuing faculty development and the exploration of innovative schedules, methods, and curricular design in keeping with the various needs of its diverse students, many of whom commute, work, or are older than the traditional college-age student.

Oakland University offers, and will continue to offer, only those programs for which adequate resources and well-prepared faculty are available and for which a demonstrable need and a potential for qualified students exist.

Research and scholarship

Oakland University assumes an obligation to advance knowledge through the research and scholarship of its faculty and students. The University's research and scholarship mission takes expression in a variety of forms ranging from basic studies on the nature of things to applied research directed at particular problems to contributions to literature and the arts. Within its means, the University provides internal financial support for research and scholarship. Simultaneously, it pursues with vigor external sources of support. Research institutes, financed primarily by outside grants, make an important contribution to this mission.

In addition to their intrinsic value, research and scholarship reinforce the instructional mission of the University. Wherever possible, students are involved in research projects, and the results of research and scholarship are integrated into related courses of instruction.

In carrying out its research and scholarship mission, the University seeks especially to be responsive to the needs of Michigan, particularly of the populous southeastern sector.

Application of research and scholarship to problems and concerns of the state's business and industry and to its scientific, educational, governmental, and health and human-service agencies also serves to reinforce the public service role of the university.

Public service

Oakland University serves its constituents through a philosophy and program of public service that are consistent with its instructional and research and scholarship missions. It cooperates with businesses, governmental units, community groups and other organizations on research, technical development, and problem-solving enterprises in an attempt to apply the expertise of the University to the issues of society in general or the region in particular so as to further enhance the quality of life in the service areas of the University. It attempts to maintain the degree of flexibility necessary to respond with innovative instruction, research, and other service to rapidly changing needs. It makes its facilities available for a multitude of activities to agencies and community groups whose purposes are compatible with the mission of the University. It provides access to its programs and campus, insofar as is consistent with the role and scope of the institution, for the recreational and physical enrichment of area citizens. Cultural enrichment is provided for the community through the Meadow Brook enterprises, on and off-campus presentations by faculty and students, and other campus events. The University aims to provide a model of socially responsible decision-making and ethical institutional behavior, recognizing that institutional strength derives from an effective interaction with the institution's diverse external environs.

Student development

In direct support of its academic mission, Oakland University provides basic services and experiences that integrate cognitive learning with the personal growth of the individual student in emotional, social, physical, cultural, ethical and interpersonal domains. In so doing, the University seeks to facilitate the development of those personal skills that will contribute to informed decision-making and productive citizenship.

This objective is accomplished through a variety of student enterprises including campus organizations, athletic and other sponsored activities and events.

Key to its achievement is the provision of a governance system in which students play a meaningful role in institutional decision-making processes.

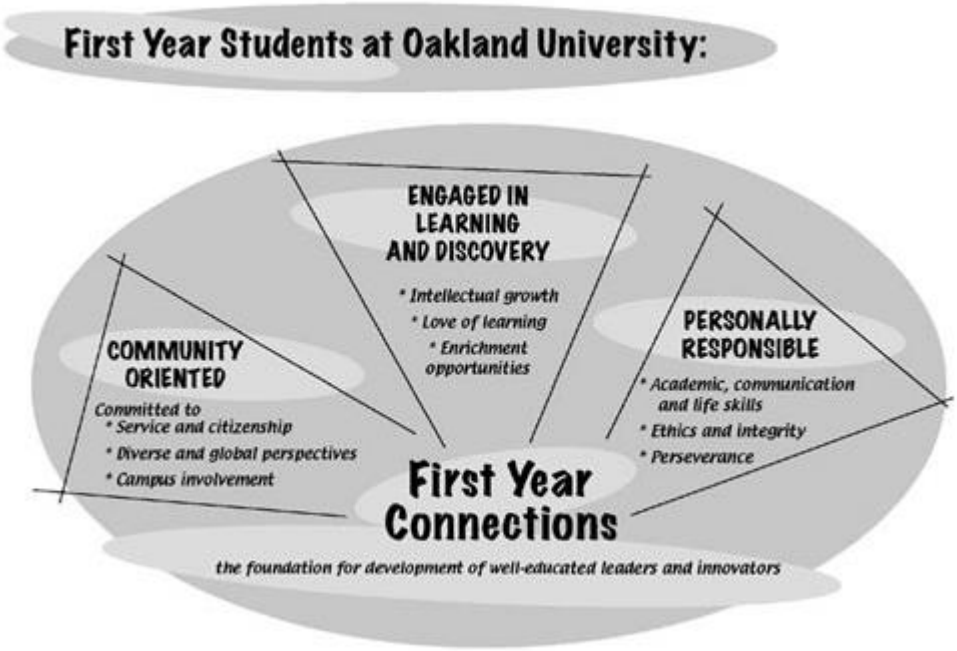
The University takes particular cognizance of its considerable enrollment of older and non-traditional students and provides advising, counseling, and other services of special value to such students in effecting career changes and developing additional personal competencies.

Through the maintenance of complementary academic and extra-curricular environments, Oakland University assists students in the realization that life is a continuum of growth, change, and adaptation. The programs here provide them with the skills essential to the achievement of their fullest potential.

Oakland University is accredited by the Higher Learning Commission.

First Year Philosophy

The first year experience at Oakland University lays the foundation for student success by creating an environment that encourages intellectual growth and embraces learning as a lifelong pursuit. OU emphasizes personal responsibility, perseverance, and involvement in the campus and wider communities. Students are encouraged to behave ethically, to explore diverse perspectives, and to develop global awareness through strong academic programs enriched by activities and events.



First Year Student Goals

Learning and discovering

Goal: During the first year, students will engage in the process of intellectual growth, recognize and value the lifelong learning process, engage in dialogue and civil discourse, and learn to tolerate uncertainty and challenge.

To help achieve this goal, students should:

- explore a range of academic opportunities;
- develop the ability to read and write at a college level;
- respect the ideas of others;

- interact with and ask questions of faculty;
- learn to explore knowledge with an open mind; and
- achieve sophomore status by the end of the first year.

Personal responsibility

Goal: During the first year, students will set and actively pursue goals, make ethical decisions, act with integrity, and take responsibility for developing their academic, communication, and life skills.

To help achieve this goal, students should:

- maintain high standards of academic conduct;
- learn to recognize and avoid plagiarism by giving credit to the ideas of others;
- attend class regularly;
- develop a habit of doing homework and devoting sufficient time to study;
- explore options and evaluate the choice of a major;
- make and keep advising appointments;
- become aware of campus resources and use them;
- seek out positive role models; and
- maintain personal well-being and a healthy lifestyle.

Community orientation

Goal: During the first year, students will value service and citizenship, embrace diverse and global perspectives, and engage in the campus community.

To help achieve this goal, students should:

- network with faculty and staff;
- develop study groups and friendships;
- take courses together in a peer group;
- interact with people from different cultures and backgrounds;
- participate in campus organizations and activities outside of class;
- learn the importance of volunteerism and social engagement.

Academic Policies and Procedures

Student Responsibility

Students are expected to learn all general requirements of the university, as well as those of the program of their chosen field of study. Students are responsible for meeting all requirements and regulations for the degrees they seek.

Facilities and staffing limitations require that certain professional programs place limits on the number of students admitted to major standing. Where such limits exist, the principal admission criterion is academic performance in course work prerequisite to application for major standing. Additional

information concerning application for major standing in programs with enrollment limits is contained in the individual program descriptions elsewhere in this catalog.

Academic Advising

The mission of academic advising at Oakland University is to empower students as they identify, pursue, and achieve goals that prepare them to lead and serve in local and world communities. This is a continuous process of discovery, clarification, and evaluation, whereby Professional Academic Advisers partner with students to identify possibilities, assess alternatives, and weigh the consequences of decisions.

Students first meet a Professional Academic Adviser at orientation and are encouraged to seek individual advising as early in their programs as possible and meet with their Professional Academic Adviser at least once a year thereafter. Students may locate their Professional Academic Advisers by consulting the list of school and departmental advising offices displayed at the Advising website. Faculty advisers are also available in many majors. In general, appointments are scheduled in advance once students contact their respective advising office. Walk-in advising is also available at certain times throughout the academic year.

Assessment

Oakland University is committed to the continuous improvement of its programs and services through an on-going process of self-assessment linked to action steps for improvement. Examples of common assessment activities include surveys, pre- and post-tests, course assignments, focus groups and interviews. Students can expect to participate in the assessment activities of various academic and student service units both as students and, later, as graduates of Oakland programs.

Assessment of student learning outcomes

Oakland University is committed to improving the quality of all of its degree programs. One way this is accomplished is by ongoing assessment of student learning outcomes. All degree programs have a set of unique goals and learning objectives they want students to achieve in their major programs. How well students are achieving the goals of their degree program goals is measured through assessment activities conducted throughout the academic year.

The results of assessment activities are used to improve programs and make curricular changes to maximize student learning outcomes. Assessment results inform departments of how well their current curriculum (courses, degree requirements, and other activities offered by the program) equips students to perform successfully within their major area. Assessment is also used to measure the ability of General Education courses and other experiences to provide a wide range of general knowledge and skills necessary for success in any career and throughout a lifetime. Ongoing assessment activities also allow programs to track and compare the quality of their programs from year-to-year and to measure the success of curricular changes designed to improve program quality. Assessment results are also used to identify program needs and to support requests for additional resources.

As a student, you can expect to participate in assessment activities from time to time as part of your degree program requirements. Some assessment activities might include: student surveys, examinations, evaluation of course papers and projects, entrance and exit interviews, and portfolios of students' work throughout their major program. The activities are different for every degree program because each program has its own unique set of goals and learning objectives. They are designed to measure each program's learning objectives in the best possible way.

Course and Credit System

Undergraduate students may register for up to 18 credits without permission. To register for more than 18 credits, the student should submit the Permission to Exceed Maximum Credits form to their academic adviser. Students must have completed 12 or more credits at Oakland University and have a cumulative grade point average of at least 2.60 to make a request. College guest students or post-baccalaureate students can submit directly to the Office of the Registrar.

Credits	Permission/Routing
0-18	No permission required
19-21	Academic Adviser, then routed to the Office of the Registrar for processing.
22+	Academic Adviser, then routed to Office of the Registrar for second approval. Student will be emailed if the request has been approved or denied.

For purposes of awarding academic credit for courses and programs at Oakland University, a credit hour shall be consistent with federal guidelines and is an amount of work represented in intended learning outcomes and verified by evidence of student achievement. The OU-established equivalency reasonably approximates and is not less than:

1. One credit hour consists of 50 minutes of classroom or direct faculty instruction (synchronous or asynchronous) and a minimum of two hours of out-of-class student work each week for approximately fifteen weeks for one semester hour of credit; or
2. At least an equivalent amount of work as required in #1 above of this definition for other academic activities as established by the institution including laboratory work, internships, practica, field work, clinical work, studio work, and other academic work leading to the award of credit hours.

Regardless of their duration, courses contain the same total number of credit hours as if they were scheduled for at least a 15-week semester.

Title IV Courses - Duration cannot exceed full 15-week

Class standing

For university purposes, class standing is set at the following numbers of credit hours: students have freshman standing through completion of 27 credit hours, sophomore standing through completion of 55 credit hours, junior standing through completion of 90 credit hours, and senior standing when they have completed 91 credit hours or more.

Regulations governing courses

1. A course sequence joined by a hyphen (e.g., FRH 1140-FRH 1150) must be taken in the order indicated. The first course in such a sequence is a prerequisite to the second.
2. Course numbers separated by commas (e.g., HST 1100, HST 1200) indicate related courses that may be taken in any order. However, departmental or program requirements may sometimes govern the order.
3. Course numbers 0000-0499 are designated for skill development courses specially designed to aid incoming students with significant deficiencies in their academic background in preparing for courses numbered 1000 and above. **Credits earned in these courses cannot be used to satisfy minimal graduation requirements in any academic program**. Grades earned in these courses, however, are included in students' grade point averages. Course numbers 0500-0999 are for courses specially designed to enrich academic skills. No more than 16 credits in courses numbered 0500-0999 may count toward graduation requirements. Courses numbered 1000-2999 are introductory undergraduate courses primarily for freshmen and sophomores.
4. Courses numbered 3000-4999 are designed for juniors and seniors. Courses numbered 5000 and above are primarily for graduate students. Qualified undergraduates may enroll in a class numbered 5000-5999 provided they have obtained an override from the department chair and the course instructor. **Only graduate students are eligible to elect courses numbered 6000 and above**. **Consult the Financial Aid Office for the implications.**
5. The university reserves the right to cancel any course in which there is insufficient registration.
6. Prerequisite courses must be completed prior to enrollment in courses for which they are listed. Co-requisite courses must be taken simultaneously. It is the student's responsibility to complete all prerequisites prior to the start of a course with such requirements and to register for co-requisites as indicated in the catalog. Departments may waive prerequisites in accordance with academic unit policy.
7. Some courses are cross-listed among departments. In such cases, the course description is listed only in one department. The listing in the other department notes that the course is identical with the course in the primary department. When registering, students should select the listing under which they wish to receive degree credit.

Course competency

Students may receive credit toward graduation designated as competency credit (graded S/U) on their transcripts for Oakland University courses, subject to the following provisions:

1. That they register for the course at registration with written permission of the departmental chairperson, dean or program director of the academic unit responsible for the course.
2. That they pass an appropriate competency examination not more than six weeks after the term begins. Competency credit will not be permitted for a course when a student has received credit for more advanced courses in the same area.
3. The repeat course rule applies to the repeating of competency examinations (see Repeating courses).
4. That they pay the appropriate charges.

Students may apply up to 60 credits based on non-classroom experience toward a degree program. Students seeking second degrees are limited to 16 credits of non-classroom experience. Students may not apply non-classroom experience (course competency, Advanced Placement, IB and/or CLEP credits) to satisfy General Education Requirements.

Adjusting courses (drop and add)

Courses may be dropped with full refund through the second week of a full semester and the first week of a half semester. Courses may be dropped without academic penalty through the ninth week in a full semester and the fifth week of a half semester. A "W" grade denoting withdrawal is recorded for courses dropped after the second week in full semesters and after the first week in half semester. Failure to drop a course on or before the appropriate drop deadline will result in the recording of a 0.0 grade on the student's record. Courses of other lengths have specific refund and withdrawal dates which are available online.

Auditing courses

A formal audit option is available for students who wish to participate in a course on a non-graded basis. With written permission of the instructor, students may register to audit a course during the late registration period for each semester or session. Forms for auditing classes are available online. Audit registrations are governed by the following rules:

1. Regular tuition applies to all courses.
2. The registrar will assign the final mark of Z to all formal audits. If a student pays tuition for regular credit, he or she cannot switch to auditing the course.
3. Changes of registration from credit to audit or from audit to credit will not be permitted once the late registration period has ended for a given semester (two weeks into the term).
4. Students who wish to audit courses must have been admitted to the university by the Undergraduate Admissions.
5. Students whose entire registration for a semester consists of formal audits must register during late registration.

Repeating courses

Students may repeat a course to improve the grade earned in a prior enrollment, but they must do so at Oakland University. Check with Student Financial Services for ramifications. The limit is three attempts at any individual course, including the initial attempt, and excluding drops or withdrawals. The repeat

course must be taken on the same grading basis (numeric or pass/fail) as the first attempt. Because some programs have more stringent limits, students should consult an adviser before registering to repeat a course. Students should be aware that the most recent grade will be the grade of record whether or not it is the highest grade earned.

Students whose programs allow courses to be repeated at other institutions will not receive transfer credit if Oakland University credit has been earned, nor will they improve their Oakland grade point average. Students must consult an adviser in the major program before registering to repeat a course elsewhere.

Oakland University transcripts will reflect grades earned in all Oakland courses. For repeated courses, the attempts excluded from the grade point average will be marked with an "E" and the grade of record will be marked with an "I" designating inclusion in the grade point average. Transfer students who successfully repeat a course at Oakland for which transfer credit has been awarded will lose the transfer credit. Credit is not given for more than one course covering specific content, which means that most courses can be taken only once. Certain courses, however, generally representing special topics or independent studies, are designed to vary from semester to semester. The Undergraduate Catalog states the applicable credit limit for such courses.

Degree Requirements

Undergraduate degree requirements are of two kinds: general degree requirements determined by the university to be binding on all baccalaureate programs and specific degree requirements established by the various academic units that offer degree programs. Students may choose to meet graduation requirements as presented in any catalog in effect since their matriculation at Oakland University, providing it is not more than six years old at the time of graduation. They also may follow separate catalogs for general and specific requirements, subject to the limitations described below.

An academic unit may require that students changing majors into its programs from another major or undecided status follow both major and college or school requirements (if applicable) from the catalog in effect at the time of change. (A change from pre-major to major standing in the same field does not constitute a change of major). The catalog chosen for the student's major will also be used to determine degree requirements for any minor or concentration the student may be pursuing unless a written plan of study has been approved by the department or school offering that program. Students may choose one catalog for their degree requirements, and may chose a different catalog for any minors or concentrations.

Some academic units require that students file an approved plan of study for a concentration or minor in order to complete program requirements; those that do so stipulate this requirement in the appropriate section of this catalog. Forms for planning and approval of a minor or concentration are available from the advising offices. If the academic unit establishes no such requirement, students are still entitled to negotiate a minor or concentration in writing with the program coordinator. Written plans are particularly encouraged for those students using transfer courses to satisfy some portion of the program. A plan of study may be based on any catalog in effect at time of filing, but not one predating the student's enrollment at Oakland University. Changes to an approved plan require prior written authorization from the concentration or minor coordinator.

Students may meet degree requirements by earning a passing grade in the course, by passing a competency examination or by receiving transfer credit from another institution. In certain circumstances, a requirement may be formally waived through a successful Petition of Exception.

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Undergraduate degree requirements

Oakland University has established general undergraduate degree requirements applicable to all candidates for all undergraduate degrees. In order to earn a baccalaureate at Oakland University, students must satisfy the following requirements:

1. General Education: All students must complete 40 credits of General Education Requirements, including at least one course (three or more credits) from the list of approved courses offered in each of the following 10 knowledge areas: Writing, Formal Reasoning, Arts, Foreign Language and Culture, Global Perspective, Literature, Natural Science and Technology, Social Science, Western Civilization, and Knowledge Applications. Note that courses in these knowledge areas may not double count with each other. Additional general education requirements include U.S. Diversity, Writing Intensive in General Education, Writing Intensive in the Major, and a Capstone, all of which may be met by double counting approved general education courses. It is possible for a course to be triple counted if, in addition to meeting the requirements for Explorations, Knowledge Applications or Capstone, it also meets the requirements for U.S. Diversity and Writing Intensive in General Education or Writing Intensive in the major. (See course listings below.) Students transferring credit to the university should consult the transfer student information section. The policy stipulated above is considered a minimum credit requirement that academic units may increase for their own students. Students pursuing degrees in the College of Arts and Sciences should refer to the College exploratory requirements section for additional requirements. Students in the School of Engineering and Computer Science should see that section for specific requirements.
2. Specific requirements: Students must select a major or primary field of study and also for some programs, as described in relevant sections of this catalog; they must be admitted to the major by the academic unit offering the program. Students must fulfill all specific undergraduate degree requirements appropriate to their chosen majors as stipulated by the various colleges, schools or other academic units empowered to present candidates for the undergraduate degree(s) over which they have authority. Specializations are groups of related courses within certain major fields; they are options in some major programs; for some other programs, students must select a specialization as part of the major. Concentrations which are groupings of interrelated courses with an interdisciplinary focus, are optional in most programs but required in some. Minors, secondary fields or subject areas of study, are optional. The completion of a Minor/Concentration Authorization form is recommended. Forms for planning and approval of a minor or concentration are available in the advising offices.

3. Application requirement: Degree candidates should select Apply to Graduate under Students Records in SAIL to submit an Undergraduate Application for Degree prior to the published deadline for the semester of expected graduation.
4. Approvals: Degree candidates must have all petitions approved and all transcripts for coursework applicable to the degree submitted by the end of the second week of intended graduation. Failure to do so may result in removal from the graduation list.
5. Residence requirement: Students must successfully complete a minimum of 32 credits at Oakland University. Oakland University limits residency requirements for active-duty service members, including Reservists and National Guardsmen on active-duty, to no more than 25% of the undergraduate degree program
6. Grade point average: Students must have a cumulative grade point average (GPA) of at least 2.00 in courses taken at Oakland University. In certain programs, additional GPA requirements must be met.

General education

General education philosophy

The major goals of Oakland University's General Education program are to introduce students to a broad base of knowledge and to develop their analytical and evaluative skills, creating a solid foundation for productive and fulfilling lives of leadership, innovation and service. A well-educated person is not a narrow specialist, and the breadth of knowledge acquired through general education cannot be found in any single major. Through its three-part structure of Foundations, Explorations, and Integration, the General Education program complements the major to increase the student's flexibility and options upon graduation.

- The FOUNDATION areas that all students must master are Writing Foundations and Formal Reasoning. These courses develop skills and understanding that are invaluable for all of the student's subsequent education.
- The EXPLORATION areas that students must take include: Arts, Foreign Language and Culture, Literature, Global Perspectives, Natural Science and Technology, Social Science and Western Civilization. In addition to fundamental abilities, a well-educated person should also have a critical appreciation of the ways we gain knowledge and an understanding of the universe, of society, and of humankind that these courses develop. The Foreign Language & Culture General Education area is waived for International Students whose native language is not English and who have completed the equivalent of a high school diploma at a school that used a language other than English for instruction. Appropriate documentation attesting to the language of instruction and graduation from high school programs is necessary. Students will be required to meet the 40 credit General Education requirement.
- The INTEGRATION areas that students must master include: Knowledge Applications and the Capstone. For the well-educated person, the knowledge and capacities of the various disciplines and majors do not exist in isolation but form an integrated whole. The Integration Areas allow students to synthesize their knowledge, to see connections among the various disciplines and to apply their knowledge to real world problems. This integrated knowledge forms the basis for

students to continue to learn and grow throughout their lives and prepares them for productive lives of service and leadership.

- Oakland University's General Education program also helps students develop more advanced writing skills, a breadth in understanding diversity issues in the United States, and a continuous education in the range of intellectual capacities that cut across all areas and disciplines.
- Through two WRITING INTENSIVE courses, students gain a depth in both general and discipline-specific writing abilities. Writing Intensive in General Education and Writing Intensive in the Major may be found in courses that also satisfy the Explorations and Integration areas.
- Oakland University is also committed to ensuring that students develop an understanding of the history, strengths and the challenges of the diversity found across the United States. Through U.S. DIVERSITY courses students develop an understanding of the history, strengths, and the challenges of the diversity found across the United States. U.S. diversity courses may also satisfy other areas within the General Education structure.

A sound education also requires capacities that cut across all of these areas, and general education courses are designed to enhance students' abilities in critical thinking, information literacy, effective communication and social awareness.

FOUNDATIONS

F.1. Writing Foundations

The Writing Foundations area prepares students to demonstrate:

- knowledge of the elements, writing processes and organizing strategies for creating analytical and expository prose
- effective rhetorical strategies appropriate to the topic, audience, context and purpose

[For alternative ways of meeting this requirement, see the Writing Requirements section that follows the listing of general education area courses]. Students must earn at least a 2.0 in WRT 1060 to meet the Writing Foundations requirement.

- WRT 1060 - Composition II (4)

F.2. Formal Reasoning

The formal reasoning area prepares students to demonstrate:

1. knowledge of one or more formal reasoning systems such as computer programming, mathematics, statistics, linguistics or logic
2. application of formal reasoning to read, understand, model and solve problems across a variety of applications

[Note: Formal Reasoning course must be taken prior to student's junior standing]

- CSI 1200 - Introduction to Computing and Programming using Excel (4)
- CSI 1220 - Computer Animation (4)
- CSI 1300 - Introduction to Computer Programming (4)
- EHS 2550 - Basic Statistics for Environmental Health Sciences (4)

- EHS 3250 - Quantitative Methods for Environmental Health and Safety (4)
- LIN 1180 - Linguistic Analysis (4)
- LIN 1183 - Formal Rules of Sound Structure (4)
- LIN 1184 - Formal Rules of Phrase Structure (4)
- MTE 2111 - Mathematics for Elementary Education II (4)
- MTH 1118 - Mathematical Sciences in the Modern World (4)
- MTH 1221 - Linear Programming Elementary Functions (4)
- MTH 1222 - Calculus for the Social Sciences (4)
- MTH 1554 - Calculus I (4)
- PHL 1000 - Introduction to Logic (4)
- PHL 1070 - Introduction to Symbolic Logic (4)
- PS 3080 - Systematic Political Analysis (4)
- STA 2220 - Introduction to Statistical Concepts and Reasoning (4)
- STA 2222 - Statistical Methods for Biology (4)
- STA 2226 - Applied Probability and Statistics (4)

EXPLORATIONS

E.1. Arts

The Arts area prepares students to demonstrate:

1. knowledge of cultural or historic artistic traditions in visual, auditory, movement, theatrical or cinematic art
2. knowledge of the role of art as critical commentary on society and as an aesthetic expression of experience

- AH 1001 - History of Western Art, Prehistory through Medieval (4)
- AH 1002 - History of Western Art, Renaissance to Present (4)
- AH 1003 - Arts of Asia and the Islamic World (4)
- ART 1000 - Foundations of Visual Literacy (4)
- CIN 1150 - Introduction to Film (4) (Also meets U.S. Diversity)
- DAN 1373 - Dance History and Appreciation (4)
- DAN 1375 - Dance in American Culture (4) (Also meets U.S. Diversity)
- MUS 1000 - An Introduction to Music (4)
- MUS 1001 - What's On Your Playlist? Music Listening and the Self (4)
- MUS 1002 - Exploring Technology in Music (4)
- MUS 1005 - Foundations of Rock (4) (Also meets U.S. Diversity)
- MUS 1006 - Exploring Film Music (4)
- MUS 1007 - Exploring Jazz (4) (Also meets U.S. Diversity)
- MUS 1010 - Exploring African Music (4)
- MUS 1011 - Exploring Caribbean Music (4) (Also meets U.S. Diversity)
- MUS 1331 - History and Literature of Western Tonal Music (3)

- THA 1000 - Introduction to Theatre (4)
- THA 3001 - Theatre History I (4) (Also meets Writing Intensive in Gen Ed)
- THA 3002 - Theatre History II (4) (Also meets Writing Intensive in Gen Ed)
- THA 3006 - Cultural and Historical Development of American Musical Theatre (4) (Also meets Writing Intensive in Gen Ed and U.S. Diversity)

E.2. Foreign Language and Culture

The Foreign Language and Culture area prepares students to demonstrate:

- knowledge of a foreign language and culture
- knowledge of linguistic and cultural diversity and the contributions of such diversity to the global society

[Note: Courses do not count for Global Perspective area]

Students may meet this requirement in one of the following ways:

1. satisfactory completion of any of the courses in the list below;
2. satisfactory completion of a course that has as its prerequisite a 1140 level language course (providing the credits from the upper-level course are not used to satisfy any other general education area requirement).

- ALS 1101 - The Humanity of Language (4)
- ARB 1140 - Introduction to Arabic Language and Culture I (4)
- CHE 1140 - Introduction to Chinese Language and Culture I (4)
- FRH 1140 - Introduction to French Language and Culture I (4)
- FRH 1190 - Accelerated Review of Elementary French and French Culture (4)
- FRH 4970 - Undergraduate Seminar (2 OR 4)
- GRM 1140 - Introduction to German Language and Culture I (4)
- HBR 1140 - Introduction to Hebrew Language and Culture I (4)
- IT 1140 - Introduction to Italian Language and Culture I (4)
- JPN 1140 - Introduction to Japanese Language and Culture I (4)
- LTN 1140 - Introduction to Latin Language and Roman Culture (4)
- LIN 1181 - Introduction to the Development of the English Language (4)
- ML 1910 - Study Abroad - Tutorial in Foreign Language (3 TO 4)
- SPN 1140 - Introduction to Spanish Language and Culture I (4)
- SPN 1190 - Accelerated Review of Elementary Spanish and Spanish Culture (4)

E.3. Global Perspective

The Global Perspective area prepares students to demonstrate:

1. knowledge of the environments, political systems, economies, societies and religions of one or more regions outside the United States and awareness of the transnational flow of goods, peoples, ideas and values
2. knowledge of the role that different cultural heritages, past and present, play in forming values in another part of the world, enabling the student to function within a more global context

- AN 1111 - Culture and Human Nature (4)
- AN 2130 - Global Human Systems (4)
- ECN 1600 - Introduction to the Global Economy (4) (Also meets Writing Intensive in Major)
- ECN 2020 - Principles of Global Macroeconomics (4)
- ECN 3260 - International Economic Development (3)
- EHS 3001 - Global Perspectives of Environmental Health and Safety (4) (Also meets Writing Intensive in Gen Ed or the Major)
- ENG 2800 - Masterpieces of World Cinema (4)
- GEO 2000 - Global Human Systems (4)
- HST 2010 - World History (4)
- HST 2500 - Introduction to Middle East History (4)
- IS 2000 - Global Human Systems (4)
- IS 2005 - Issues in Global Health (4)
- IS 2060 - Global Cities (4)
- IS 2100 - Perspectives on China (4)
- IS 2200 - Perspectives on Japan (4)
- IS 2300 - Perspectives on Africa (4) (Also meets Writing Intensive in Gen Ed)
- IS 2400 - Perspectives on India (4) (Also meets Writing Intensive in Gen Ed)
- IS 2500 - Perspectives on Latin America (4) (Also meets Writing Intensive in Gen Ed)
- IS 2600 - Perspectives on Russia and Eastern Europe (4) (Also meets Writing Intensive in Gen Ed)
- IS 2700 - Perspectives on the Middle East (4) (Also meets Writing Intensive in Gen Ed)
- MGT 1100 - Contemporary World Business (4) (Also meets Writing Intensive in Gen Ed)
- MUS 1010 - Exploring African Music (4)
- PS 1400 - Comparative Politics (4) (Also meets Writing Intensive in Gen Ed)
- PS 1600 - Issues in World Politics (4)
- REL 1150 - Introduction to Islam (4)
- REL 1200 - Introduction to Judaism (4)
- REL 1250 - Introduction to Christianity (4)
- REL 1850 - World Religious Traditions (4)
- WGS 3810 - Global Women, Global Issues (4)
- WRT 3060 - Global Rhetorics (4) (Also meets Writing Intensive in Gen Ed)

E.4. Literature

The Literature area prepares students to demonstrate:

1. knowledge of how literature is an expression of culture
2. knowledge of literary form

- ENG 1300 - Introduction to Shakespeare (4)
- ENG 1500 - Literature of Ethnic America (4) (Also meets U.S. Diversity)
- ENG 1700 - Modern Literature (4)
- ENG 1800 - Masterpieces of World Literature (4)
- ENG 2300 - British Literature (4)
- ENG 2500 - American Literature (4)
- ENG 2610 - Film and Formal Analysis (4)
- ENG 3600 - Fiction (4)
- ENG 3610 - Poetry (4)
- ENG 3620 - Drama (4)
- ENG 3650 - The Bible as Literature (4)
- ENG 3660 - Classical Mythology (4)
- LIT 1000 - Introduction to Asian Literature (4)
- LIT 1810 - European Literature I (4)
- LIT 1820 - European Literature II (4)
- REL 3740 - The Bible as Literature (4)

E.5. Natural Science and Technology

The Natural Science and Technology area prepares students to demonstrate:

1. knowledge of major concepts from natural science or technology, including developing and testing of hypotheses; drawing conclusions; and reporting of findings and some laboratory experience or an effective substitute
2. how to evaluate sources of information in science or technology

- BIO 1002 - Human Biology (4)
- BIO 1004 - Life on Earth (4)
- BIO 1200 - Biology I (4)
- BIO 1300 - Biology II (4)
- BIO 3000 - Biology and Society (4) (Also meets Writing Intensive in Gen Ed)
- CHM 1040 - Introduction to Chemical Principles (4)
- CHM 1440 - General Chemistry I (4) and CHM 1470 - General Chemistry Laboratory I
- CHM 3000 - Chemistry, Society Health (4) (Also meets Writing Intensive in Gen Ed)
- EGR 2400 - Introduction to Electrical and Computer Engineering (4)
- EGR 2500 - Introduction to Thermal Engineering (4)
- ENV 3080 - Introduction to Environmental Studies (4)

- GEO 1060 - Earth Science/Physical Geography (4)
- HS 2000 - Health in Personal and Occupational Environments (4)
- LIN 1182 - Language and the Brain (4)
- PHY 1010 - General Physics I (4) and PHY 1100 - General Physics Lab I
- PHY 1040 - Astronomy: The Solar System (4)
- PHY 1050 - Astronomy: Stars and Galaxies (4)
- PHY 1060 - Earth Science/Physical Geography (4)
- PHY 1150 - Energy (4)
- PHY 1200 - The Physics of Everyday Life (4)
- PHY 1510 - Introductory Physics I (4) and PHY 1100 - General Physics Lab I
- SCI 1000 - Physical Sciences in Life, the World and Beyond (4)

E.6. Social Science

The Social Science area prepares students to demonstrate:

1. knowledge of concepts, methods and theories designed to enhance understanding of human behavior and/or societies
2. application of concepts and theories to problems involving individuals, institutions, or nations

- AN 1111 - Culture and Human Nature (4)
- AN 1511 - Human and Cultural Evolution (4)
- AN 3110 - Culture, Society and Technology (4)
- COM 2600 - Media and Social Identity (4)
- ECN 1500 - Economics in Today's World (4)
- ECN 2000 - Principles of Macroeconomics (4)
- ECN 2010 - Principles of Microeconomics (4)
- ECN 2020 - Principles of Global Macroeconomics (4)
- ECN 2100 - Principles of Economics (6)
- HS 3000 - Community and Public Health (4) (Also meets U.S. Diversity)
- ISE 1170 - Learning How to Learn (4)
- PS 1100 - Introduction to American Politics (4) (Also meets U.S. Diversity)
- PS 1400 - Comparative Politics (4) (Also meets Writing Intensive in Gen Ed)
- PS 1600 - Issues in World Politics (4)
- PS 3215 - The Politics of Race and Ethnicity (4) (Also meets U.S. Diversity and Writing Intensive in Gen Ed)
- PSY 1000 - Introduction to Psychology (4)
- SOC 1000 - Introduction to Sociology (4) (Also meets U.S. Diversity)
- SOC 2100 - Self and Society (4)
- WGS 1000 - Introduction to Women and Gender Studies (4) (Also meets U.S. Diversity)
- WGS 3010 - Introduction to LGBTQ Studies (4)
- WGS 3810 - Global Women, Global Issues (4)

E.7. Western Civilization

The Western Civilization area prepares students to demonstrate:

1. knowledge of the historical events and/or philosophical ideas of European or American culture
2. knowledge of how Western ideas or institutions have evolved over time

- AN 3110 - Culture, Society and Technology (4)
- COM 3607 - Rise of Electronic Media (4)
- HST 1100 - Introduction to American History Before 1877 (4) (Also meets U.S. Diversity)
- HST 1200 - Introduction to American History Since 1877 (4) (Also meets U.S. Diversity)
- HST 1300 - Introduction to European History Before 1715 (4)
- HST 1400 - Introduction to European History Since 1715 (4)
- HST 2280 - History of the African-American People (4) (Also meets U.S. Diversity)
- HST 2380 - Science and Technology in Western Culture (4)
- LBS 1000 - Exploration of the Arts and Sciences (4)
- MGT 2350 - Commerce in Western Civilization (3)
- MUS 1003 - Music, Culture and Western Civilization (4)
- PHL 1100 - Introduction to Philosophy (4)
- PHL 1300 - Introduction to Ethics (4)
- PHL 1310 - Introduction to Ethics in Science and Engineering (4)
- PS 3050 - Communism (4) (Also meets Writing Intensive in Gen Ed)

INTEGRATION

I.1. Knowledge Applications

The Knowledge Applications area prepares students to demonstrate:

1. how knowledge in a field outside of the student's major can be evaluated and applied to solve problems across a range of applications
2. knowledge of the personal, professional, ethical, and societal implications of these applications

[Note: Course must be outside the rubric of the student's major] Prerequisite for the application area is shown in parentheses.

- AH 2200 - Introduction to the History of Western Architecture (4) (Arts)
- AH 3110 - Art of the Ancient Near East (4) (Arts)
- AH 3120 - Greek Art (4) (Arts)
- AH 3130 - Roman Art (4) (Arts)
- AH 3000 - Critical Thinking and Writing in Art History II (4) (Also meets Writing Intensive in General Education) (Arts)
- AMS 3000 - Topics in American Culture (4) (Western Civilization) (Also meets U.S. Diversity)
- AN 3127 - Racial and Ethnic Relations (4) (Social Science) (Also meets U.S. Diversity)
- AN 3560 - Historical Archaeology (4) (Social Science) (Also meets U.S. Diversity)

- APM 1663 - Mathematics for Information Technology (4) (Formal Reasoning or Natural Science and Technology)
- ARB 2140 - Second Year Arabic I (4) (Foreign Language and Culture)
- ARB 2150 - Second Year Arabic II (4) (Foreign Language and Culture)
- ART 1150 - Drawing for Non-Majors (4) (Arts)
- ART 1160 - Photography for Non-Majors (4) (Arts)
- CHE 2140 - Second Year Chinese I (4) (Foreign Language and Culture)
- CHE 2150 - Second Year Chinese II (4) (Foreign Language and Culture)
- CSI 2520 - Interactive Web Systems (4) (Formal Reasoning)
- ECN 3030 - Managerial Economics (3) (Formal Reasoning and Social Science)
- ENG 3520 - African American Literature (4) (Literature) (Also meets U.S. Diversity)
- ENG 3640 - Biography (4) (Western Civilization)
- ENG 3675 - Adaptation: Fiction, Drama, Film (4) (Literature)
- ENV 3540 - Global Environmental Governance (4) (Social Science) (Also meets Writing Intensive in Gen Ed)
- FRH 2140 - Second Year French I (4) (Foreign Language and Culture)
- FRH 2150 - Second Year French II (4) (Foreign Language and Culture)
- GRM 2140 - Second Year German I (4) (Foreign Language and Culture)
- GRM 2150 - Second Year German II (4) (Foreign Language and Culture)
- HBR 2140 - Second Year Hebrew I (4) (Foreign Language and Culture)
- HBR 2150 - Second Year Hebrew II (4) (Foreign Language and Culture)
- HRD 3230 - Fundamentals of Human Interaction (4) (Writing Intensive in General Education or Social Science)
- HRD 3330 - Presentation and Facilitation (4) (Writing Intensive in General Education or Social Science)
- HRD 3600 - Lean Principles and Practices in Organizations (4) (Writing Intensive in General Education or Social Science)
- HRD 4510 - Negotiation for Personal Success (4) (Social Science)
- HRD 4600 - Lean Kaizen in Organizations (4) (Social Science)
- IS 3001 - The Global Citizen (4) (Global Perspective, Writing Intensive in Gen Ed)
- IS 3002 - Globalization and the International System (4) (Global Perspective)
- ISE 1150 - How Things Work (4) (Writing Foundations)
- JRN 2000 - Introduction to Journalism and News Writing (4) (Writing Foundations)
- JPN 2140 - Second Year Japanese I (4) (Foreign Language and Culture)
- JPN 2150 - Second Year Japanese II (4) (Foreign Language and Culture)
- LIB 2500 - Introduction to Library Research and Technology in the Information Age (4) (Writing Foundations)
- MTH 1555 - Calculus II (4) (Formal Reasoning)
- MUS 2020 - Computer-based Music Composition (4) (Arts)
- MUS 2025 - Exploring Songwriting (4) (Arts)
- NRS 3081 - Human Sexuality (4) (Natural Science and Technology or Social Science) (Also meets U.S. Diversity)

- PHL 2100 - Fact, Value, and Knowledge (4) (Formal Reasoning)(Also meets Writing Intensive in Gen Ed)
- PHL 2200 - Ancient Greek Philosophy (4) (Western Civilization)(Also meets Writing Intensive in Gen Ed)
- PHL 2210 - Medieval Philosophy (4) (Western Civilization)(Also meets Writing Intensive in Gen Ed)
- PHL 2220 - Early Modern Philosophy (4) (Western Civilization)(Also meets Writing Intensive in Gen Ed)
- PHL 3310 - Ethics, Language and Reality (4) (Writing Intensive in General Education)
- PHL 3400 - Metaphysics (4) (Formal Reasoning)(Also meets Writing Intensive in Gen Ed)
- PHL 4100 - Philosophy of Language (4) (Formal Reasoning)
- PHY 1020 - General Physics II (4) (Natural Science and Technology)
- PHY 1090 - Principles of Physics II (4) (Natural Science and Technology)
- PHY 1520 - Introductory Physics II (4) (Formal Reasoning or Natural Science and Technology)
- PHY 1620 - Fundamentals of Physics II (4) (Natural Science and Technology)
- PS 3730 - Global Environmental Governance (4) (Social Science) (Also meets Writing Intensive in Gen Ed)
- PSY 2250 - Introduction to Life-Span Developmental Psychology (4) (Social Science)
- QMM 2400 - Statistical Methods for Business I (3) (Formal Reasoning)
- QMM 2410 - Statistical Methods for Business II (3) (Formal Reasoning)
- QMM 2500 - Statistical Methods for Business (6) (Formal Reasoning)
- REL 3140 - Religion in the Modern World (4) (Social Science or Global Perspective)
- REL 3750 - Science and Religion (4) (Natural Science and Technology)
- SOC 3610 - Racial and Ethnic Relations (4) (Social Science) (Also meets U.S. Diversity)
- SPN 2140 - Second Year Spanish I (4) (Foreign Language and Culture)
- SPN 2150 - Second Year Spanish II (4) (Foreign Language and Culture)
- WGS 3826 - Historical Archaeology (4) (Social Science) (Also meets U.S. Diversity)
- WHP 3150 - Laughter as Therapeutic Modality (4) (Natural Science and Technology or Social Science) (Also meets Writing Intensive in Gen Ed)
- WHP 3850 - Injury Prevention, Control, and Safety Promotion (4) (Natural Science and Technology or Social Science) (Also meets Writing Intensive in Gen Ed)
- WRT 3020 - History of Rhetoric (4) (Writing Foundations) (Also meets Writing Intensive in Gen Ed)
- WRT 3062 - Writing Center Studies and Tutoring Practice (4) (Writing Foundations) (Also meets Writing Intensive in Gen Ed)
- WRT 3064 - Writing About Culture: Ethnography (4) (Writing Foundations) (Also meets U.S. Diversity and Writing Intensive in Gen Ed)
- WRT 3082 - Business Writing (4) (Writing Foundations) (Also meets Writing Intensive in Gen Ed)
- WRT 3085 - Writing for Human Resource Professionals (4) (Writing Foundations) (Also meets Writing Intensive in Gen Ed)
- WRT 3086 - Workshop in Creative Non-Fiction (4) (Also meets Writing Intensive in Gen Ed)
- WRT 4061 - Writing Across the University: Language and Disciplinary Culture (4) (Writing Foundations) (Also meets Writing Intensive in Gen Ed)

- WRT 4908 - Special Topics in Professional Writing (4) (Writing Foundations) (Also meets Writing Intensive in Gen Ed)
- WRT 4996 - Independent Study (1 TO 4) (Writing Foundations) (Also meets Writing Intensive in Gen Ed)

I.2. CAPSTONE

The Capstone course prepares students to demonstrate:

1. appropriate uses of a variety of methods of inquiry and a recognition of ethical considerations that arise
2. the ability to integrate the knowledge learned in general education and its relevance to the student's life and career

[Note: Requirement may be met by an approved course in the major or an approved course outside of the major.]

Courses approved to meet this requirement will be announced. Please check with your adviser.

- ACS 4550 - Financial Mathematics (3)
- AH 4998 - Senior Thesis in Art History I (4)
- AH 4999 - Senior Thesis in Art History II (4)
- AN 4391 - Anthropological Theory (4)
- APM 4550 - Risk Management (3)
- ART 4999 - Senior Thesis in Studio Art (4)
- BCM 4257 - Biochemistry Laboratory (3)
- BIO 4970 - Scientific Inquiry and Communication (4)
- BIO 4972 - Integrative Biomedicine and Disease (4)
- CHM 4257 - Biochemistry Laboratory (3)
- CHM 4996 - Independent Research (3)
- CIN 4900 - Advanced Topics in Film (4)
- CIN 4901 - Advanced Topics in Film Theory (4)
- CIN 4999 - Filmmaking Thesis (4)
- COM 4901 - Senior Research Seminar (4)
- COM 4930 - Community Field Experience (4)
- COM 4950 - Internship (4)
- CRJ 4970 - Capstone: Criminal Justice Policy Analysis (4)
- CSI 4999 - Senior Capstone Project (4)
- CW 4200 – Adv. Workshop in Fiction (4)
- CW 4300 – Adv. Workshop in Poetry (4)
- CW 4400 - Advanced Screenwriting (4)
- CW 4450 - Advanced Television Writing (4)
- CW 4500 – Adv. Workshop Literary Nonfiction (4)
- DAN 3500 - Choreography III (4)
- DES 4999 - Senior Thesis in Graphic Design (4)

- ECE 4999 - Senior Design (4)
- ECN 4090 - Urban and Regional Economics (3)
- ECN 4180 - Seminar in Economic Policy (3)
- ECN 4210 - Monetary Economics (3)
- ECN 4500 - Risk Management (3)
- ECN 4560 - Public Finance (3)
- EED 4950 - Internship in Elementary Education (12)
- EGB 4995 - Research Project/Capstone Design (3)
- ENG 4900 - Advanced Topics in Literature and Language (4)
- ENG 4970 - Studies in Literary Kinds (4)
- ENG 4975 - Trans-Atlantic Traditions (4)
- ENG 4980 - Studies in Major Authors (4)
- ENG 4985 - Shakespeare Seminar (4)
- ENV 4950 - Environmental Science Internship (3)
- EXS 3020 - Human Motion Analysis (4)
- EXS 4960 - Practicum in Exercise Science (5)
- FRH 4160 - French Literature from the Middle Ages through the Sixteenth Century (4)
- FRH 4170 - French Literature - Seventeenth and Eighteenth Centuries (4)
- FRH 4190 - French Literature - Nineteenth Century (4)
- FRH 4200 - French Literature - Twentieth Century (4)
- FRH 4970 - Undergraduate Seminar (2 OR 4)
- GRM 4130 - German Literature from the Middle Ages through the Seventeenth Century (4)
- GRM 4180 - German Literature - Eighteenth Century (4)
- GRM 4190 - German Literature - Nineteenth Century (4)
- GRM 4200 - German Literature - Twentieth Century (4)
- GRM 4970 - Undergraduate Seminar (2 OR 4)
- HRD 4950 - Internship in HRD (8)
- HS 4930 - Field Experience in Integrative Studies (4)
- HS 4500 - Law, Values and Health Care (4)
- HST 4970 - Capstone Seminar in Cross-Cultural History (4)
- HST 4972 - Capstone Seminar in European History (4)
- HST 4975 - Capstone Seminar in World Civilization (4)
- HST 4978 - Capstone Seminar in American History (4)
- IS 4995 - Directed Research in International Studies (2 TO 8)
- ISE 4491 - Senior Design (4)
- JPN 4200 - Japanese Literature - Nineteenth and Twentieth Centuries (4)
- JRN 4120 - OU Student News Bureau (4)
- JRN 4950 - Journalism Internship (4)
- LBS 4999 - Senior Thesis II (4)
- LIN 4470 - The History of Linguistics (4)
- ME 4999 - Senior Mechanical Engineering Design Project (4)
- MGT 4350 - Management Strategies and Policies (4)
- MTH 4114 - History of Mathematics (4)

- MUA 4998 - Senior Recital (4 OR 6)
- MUS 4320 - The Nineteenth-Century Symphony: History, Performance and Analysis (4)
- MUS 4323 - Berlin's Musical Cultures: 1900-1989 (4)
- MUS 4330 - Seminar in Opera and Drama (4)
- MUS 4431 - Teaching Music in the 21st Century I (3)
- NRS 4125 - Nursing Synthesis: Clinical (5)
- NRS 4585 - Nursing Capstone Experience (4)
- PHL 4970 - Seminar on a Philosophical Topic (4)
- PHY 4970 - Undergraduate Seminar (3)
- PHY 4995 - Independent Research (3 TO 6)
- PS 4950 - Public Administration Internship (4)
- PS 4955 - Political Science/International Relations Internship (4)
- PS 4970 - Seminar in American Politics (4)
- PS 4975 - Seminar in the Comparative Study of Political Systems (4)
- PS 4980 - Seminar in International Relations (4)
- PSY 4500 - Advanced Research Design in Psychology (4)
- PSY 4921 - Readings and Research Projects (4)
- PSY 4930 - Field Experience in Psychology (4)
- PSY 4971 - Seminar in Cognition, Perception, and Biological Psychology (4)
- PSY 4972 - Seminar in Developmental Psychology (4)
- PSY 4973 - Seminar in Social Psychology (4)
- PSY 4977 - Seminar: Psychopharmacology (4)
- PSY 4978 - Seminar: Cognitive Development in Children (4)
- PSY 4979 - Seminar: Resilient Aging (4)
- PSY 4980 - Seminar: Moral Development (4)
- PSY 4989 - History of Psychology (4)
- PSY 4998 - Honors Independent Studies I (4)
- SED 4952 - Internship in Secondary Education (4 TO 12)
- SOC 4000 - Sociological Theory (4)
- SPN 4160 - Spanish Literature - Fifteenth and Sixteenth Centuries (4)
- SPN 4170 - Spanish Literature - Seventeenth Century (4)
- SPN 4180 - Cervantes (4)
- SPN 4190 - Spanish Literature - Eighteenth and Nineteenth Centuries (4)
- SPN 4200 - Spanish Literature - Twentieth Century (4)
- SPN 4880 - Spanish-American Literature before 1888 (4)
- SPN 4890 - Spanish-American Literature after 1888 (4)
- STA 4228 - Introduction to Mathematical Statistics II (4)
- SW 4971 - Social Work Seminar II (4)
- THA 4007 - Advanced Directing Project (2)
- THA 4020 - Advanced Performance Projects (0 or 2)
- THA 4025 - Advanced Design and Technology Projects (2)
- THA 4081 - Classical Theatre Study in Greece (4)
- THA 4095 - Company Class (2 OR 4)

- THA 4950 - Internship (2 OR 4)
- WGS 4020 - Women and Gender Studies Capstone Course (4)
- WRT 4998 - Capstone (4)

WRITING INTENSIVE

WI.1. General Education Writing Intensive

(Note: Requirement cannot be met with WRT 1050 or WRT 1060. Course may double count with an approved general education course. Students must have earned a grade of 2.0 in the Writing Foundations course to enroll in a Writing Intensive in General Education course. Students may substitute a second course from Writing Intensive in the Major (WI.2.) to satisfy this requirement. Students may not apply non-classroom experience (course competency, Advanced Placement and/or CLEP credits) to satisfy General Education requirements for Writing Intensive in General Education.)

- AH 2100 - Concepts of Modern and Postmodern Art (4)
- AH 3000 - Critical Thinking and Writing in Art History II (4)
- AH 3430 - Art Since 1960 (4)
- AH 4998 - Senior Thesis in Art History I (4)
- AH 4999 - Senior Thesis in Art History II (4)
- BIO 3000 - Biology and Society (4)
- CHM 3000 - Chemistry, Society Health (4)
- COM 3300 - Multicultural Communication (4)
- ECN 3260 - International Economic Development (3)
- EED 3001 - Managing the Classroom Community for U.S. Diverse Learners (4)
- EHS 3001 - Global Perspectives of Environmental Health and Safety (4)
- ENG 3110 - Advanced Critical Writing (4)
- ENV 3540 - Global Environmental Governance (4)
- EXS 3020 - Human Motion Analysis (4)
- HST 3315 - Science and Medicine in the Ancient World (4)
- HST 3340 - The Italian Renaissance (4)
- HST 3350 - The Scientific Revolution (4)
- IS 2300 - Perspectives on Africa (4)
- IS 2400 - Perspectives on India (4)
- IS 2500 - Perspectives on Latin America (4)
- IS 2600 - Perspectives on Russia and Eastern Europe (4)
- IS 2700 - Perspectives on the Middle East (4)
- IS 3001 - The Global Citizen (4)
- JRN 2000 - Introduction to Journalism and News Writing (4)
- JRN 3290 - Digital Storytelling for the Media: Diversity, Identity, and Community (4)
- JRN 4120 - OU Student News Bureau (4)
- LIB 2500 - Introduction to Library Research and Technology in the Information Age (4)
- LBS 2000 - Interdisciplinary Approaches to Liberal Studies (4)

- LBS 4999 - Senior Thesis II (4)
- LIN 4470 - The History of Linguistics (4)
- MGT 1100 - Contemporary World Business (4)
- MGT 4350 - Management Strategies and Policies (4)
- PHL 2100 - Fact, Value, and Knowledge (4)
- PHL 2200 - Ancient Greek Philosophy (4)
- PHL 2210 - Medieval Philosophy (4)
- PHL 2220 - Early Modern Philosophy (4)
- PHL 3310 - Ethics, Language and Reality (4)
- PHL 3400 - Metaphysics (4)
- PS 1400 - Comparative Politics (4)
- PS 3050 - Communism (4)
- PS 3215 - The Politics of Race and Ethnicity (4)
- PS 3310 - American Public Policy (4)
- PS 3730 - Global Environmental Governance (4)
- PSY 3040 - Animal Behavior (4)
- PSY 3160 - Cognitive Psychology (4)
- PSY 3180 - Biological Psychology (4)
- PSY 3210 - Child Development (4)
- PSY 3220 - Adolescence and Youth (4)
- PSY 3230 - Adulthood and Aging (4)
- PSY 3330 - Motivation (4)
- PSY 3390 - Emotion (4)
- PSY 3430 - Child Psychopathology (4)
- PSY 3440 - Behavior Analysis (4)
- PSY 4989 - History of Psychology (4)
- REL 1150 - Introduction to Islam (4)
- REL 1200 - Introduction to Judaism (4)
- THA 3001 - Theatre History I (4)
- THA 3002 - Theatre History II (4)
- THA 3006 - Cultural and Historical Development of American Musical Theatre (4)
- WGS 4810 - Sexual Orientation, Gender Identity and Education (4)
- WHP 3150 - Laughter as Therapeutic Modality (4)
- WHP 3850 - Injury Prevention, Control, and Safety Promotion (4)
- WRT 3010 - Contemporary Issues in Writing and Rhetoric Studies (4)
- WRT 3020 - History of Rhetoric (4)
- WRT 3060 - Global Rhetorics (4)
- WRT 3062 - Writing Center Studies and Tutoring Practice (4)
- WRT 3064 - Writing About Culture: Ethnography (4)
- WRT 3070 - Digital Identity and Culture (4)
- WRT 3081 - Science Writing (4)
- WRT 3082 - Business Writing (4)
- WRT 3085 - Writing for Human Resource Professionals (4)

- WRT 3086 - Workshop in Creative Non-Fiction (4)
- WRT 4061 - Writing Across the University: Language and Disciplinary Culture (4)
- WRT 4908 - Special Topics in Professional Writing (4)
- WRT 4996 - Independent Study (1 TO 4)
- WRT 4998 - Capstone (4)

WI.2. Writing Intensive in the Major

(Note: Course may double count with an approved major course. Students must have earned a grade of 2.0 in the Writing Foundations course to enroll in a Writing Intensive in the Major course. Students whose major department does not offer a Writing Intensive in the Major course may substitute a second course from Writing Intensive in General Education (WI.1.) to satisfy this requirement. Students may not apply non-classroom experience (course competency, Advanced Placement and/or CLEP credits) to satisfy General Education requirements for Writing Intensive in the Major.)

- AH 2000 - Critical Thinking and Writing in Art History I (4)
- AH 2100 - Concepts of Modern and Postmodern Art (4)
- AH 3000 - Critical Thinking and Writing in Art History II (4)
- AH 3430 - Art Since 1960 (4)
- AH 3530 - History and Theory of Graphic Design (4)
- AH 4998 - Senior Thesis in Art History I (4)
- AH 4999 - Senior Thesis in Art History II (4)
- ALS 4335 - Psycholinguistics (4)
- AN 4391 - Anthropological Theory (4)
- ART 2000 - Critical Theory and Practice in Art (4)
- BCM 4257 - Biochemistry Laboratory (3)
- BIO 3000 - Biology and Society (4)
- BIO 3920 - Directed Readings in Biology (1 TO 4)
- BIO 4970 - Scientific Inquiry and Communication (4)
- BIO 4972 - Integrative Biomedicine and Disease (4)
- CHM 3000 - Chemistry, Society Health (4)
- CHM 3480 - Physical Chemistry Laboratory (2)
- CHM 4257 - Biochemistry Laboratory (3)
- CIN 2150 - Methods of Cinema Studies (4)
- CIN 4900 - Advanced Topics in Film (4)
- CIN 4999 - Filmmaking Thesis (4)
- COM 3300 - Multicultural Communication (4)
- COM 4200 - Rhetorical Criticism in Communication (4)
- COM 4901 - Senior Research Seminar (4)
- COM 4930 - Community Field Experience (4)
- COM 4950 - Internship (4)
- CRJ 4950 - Internship in Criminal Justice (4)
- CRJ 4970 - Capstone: Criminal Justice Policy Analysis (4)

- CSI 4999 - Senior Capstone Project (4)
- CW 4200 – Adv. Workshop in Fiction (4)
- CW 4300 – Adv. Workshop in Poetry (4)
- CW 4400 - Advanced Screenwriting (4)
- CW 4450 - Advanced Television Writing (4)
- CW 4500 – Adv. Workshop Literary Nonfiction (4)
- DAN 3380 - Contemporary Dance History: Revolution and Revisionism (4)
- ECE 4999 - Senior Design (4)
- ECN 1600 - Introduction to the Global Economy (4)
- ECN 4090 - Urban and Regional Economics (3)
- ECN 4180 - Seminar in Economic Policy (3)
- ECN 4210 - Monetary Economics (3)
- ECN 4560 - Public Finance (3)
- EED 2000 - Exploring K-8 Teaching: Responsibilities and Opportunities in Education (3)
- EED 2001 - Advanced Exploration of K-8 Teaching (2)
- EED 3001 - Managing the Classroom Community for U.S. Diverse Learners (4)
- EGB 4995 - Research Project/Capstone Design (3)
- EHS 3001 - Global Perspectives of Environmental Health and Safety (4)
- ENG 4900 - Advanced Topics in Literature and Language (4)
- ENG 4970 - Studies in Literary Kinds (4)
- ENG 4975 - Trans-Atlantic Traditions (4)
- ENG 4980 - Studies in Major Authors (4)
- ENG 4985 - Shakespeare Seminar (4)
- EHS 4460 - Industrial and Environmental Toxicology (3)
- ENV 3540 - Global Environmental Governance (4)
- ENV 4460 - Industrial and Environmental Toxicology (3)
- ENV 4950 - Environmental Science Internship (3)
- EXS 3020 - Human Motion Analysis (4)
- FRH 3180 - French Composition (2)
- FRH 4160 - French Literature from the Middle Ages through the Sixteenth Century (4)
- FRH 4170 - French Literature - Seventeenth and Eighteenth Centuries (4)
- FRH 4190 - French Literature - Nineteenth Century (4)
- FRH 4200 - French Literature - Twentieth Century (4)
- FRH 4970 - Undergraduate Seminar (2 OR 4)
- GRM 3180 - German Composition (2)
- HRD 4950 - Internship in HRD (8)
- HS 4500 - Law, Values and Health Care (4)
- HS 4930 - Field Experience in Integrative Studies (4)
- HST 3000 - Seminar in Historical Research (4)
- ISE 4491 - Senior Design (4)
- JPN 3180 - Japanese Composition (4)
- JPN 4200 - Japanese Literature - Nineteenth and Twentieth Centuries (4)
- JRN 2000 - Introduction to Journalism and News Writing (4)

- JRN 3290 - Digital Storytelling for the Media: Diversity, Identity, and Community (4)
- JRN 4120 - OU Student News Bureau (4)
- JRN 4950 - Journalism Internship (4)
- LBS 2000 - Interdisciplinary Approaches to Liberal Studies (4)
- LBS 4999 - Senior Thesis II (4)
- LIN 4470 - The History of Linguistics (4)
- ME 4999 - Senior Mechanical Engineering Design Project (4)
- MGT 4350 - Management Strategies and Policies (4)
- MTH 4114 - History of Mathematics (4)
- MUS 3331 - History and Literature of Medieval and Renaissance Music (3)
- MUS 3332 - History and Literature of Western Music from ca. 1850 to the Present (3)
- MUS 4320 - The Nineteenth-Century Symphony: History, Performance and Analysis (4)
- MUS 4330 - Seminar in Opera and Drama (4)
- MUS 4431 - Teaching Music in the 21st Century I (3)
- NRS 3071 - Research Basis of Nursing Practice (3)
- PHL 2100 - Fact, Value, and Knowledge (4)
- PHL 2200 - Ancient Greek Philosophy (4)
- PHL 2210 - Medieval Philosophy (4)
- PHL 2220 - Early Modern Philosophy (4)
- PHL 3310 - Ethics, Language and Reality (4)
- PHL 3400 - Metaphysics (4)
- PHY 4970 - Undergraduate Seminar (3)
- PHY 4995 - Independent Research (3 TO 6)
- PS 3005 - Western Political Thought I (4)
- PS 3010 - Western Political Thought II (4)
- PS 3020 - American Political Thought (4)
- PS 3040 - International Politics: Theory and Practice (4)
- PS 3050 - Communism (4)
- PS 3070 - Politics Through Literature (4)
- PS 3215 - The Politics of Race and Ethnicity (4)
- PS 3305 - Public Administration (4)
- PS 3425 - The Russian Political System (4)
- PS 3730 - Global Environmental Governance (4)
- PSY 3160 - Cognitive Psychology (4)
- PSY 3180 - Biological Psychology (4)
- PSY 3210 - Child Development (4)
- PSY 3220 - Adolescence and Youth (4)
- PSY 3230 - Adulthood and Aging (4)
- PSY 3330 - Motivation (4)
- PSY 3390 - Emotion (4)
- PSY 3430 - Child Psychopathology (4)
- PSY 3440 - Behavior Analysis (4)
- PSY 4989 - History of Psychology (4)

- SED 3000 - Introduction to Secondary Education (4)
- SED 3001 - Public Education for Prospective K-12 Teachers (2)
- SOC 3220 - Social Welfare Policies (4)
- SOC 4000 - Sociological Theory (4)
- SPN 4080 - Advanced Spanish Conversation and Composition (4)
- SPN 4160 - Spanish Literature - Fifteenth and Sixteenth Centuries (4)
- SPN 4170 - Spanish Literature - Seventeenth Century (4)
- SPN 4180 - Cervantes (4)
- SPN 4190 - Spanish Literature - Eighteenth and Nineteenth Centuries (4)
- SPN 4200 - Spanish Literature - Twentieth Century (4)
- SPN 4880 - Spanish-American Literature before 1888 (4)
- SPN 4890 - Spanish-American Literature after 1888 (4)
- STA 4002 - Applied Linear Models I (4)
- SW 3302 - Social Welfare Policies (4)
- SW 4971 - Social Work Seminar II (4)
- THA 3001 - Theatre History I (4)
- THA 3002 - Theatre History II (4)
- WGS 4020 - Women and Gender Studies Capstone Course (4)
- WHP 3150 - Laughter as Therapeutic Modality (4)
- WHP 3850 - Injury Prevention, Control, and Safety Promotion (4)
- WRT 3010 - Contemporary Issues in Writing and Rhetoric Studies (4)
- WRT 3020 - History of Rhetoric (4)
- WRT 3060 - Global Rhetoric (4)
- WRT 3062 - Writing Center Studies and Tutoring Practice (4)
- WRT 3064 - Writing About Culture: Ethnography (4)
- WRT 3070 - Digital Identity and Culture (4)
- WRT 3086 - Workshop in Creative Non-Fiction (4)
- WRT 4061 - Writing Across the University: Language and Disciplinary Culture (4)
- WRT 4908 - Special Topics in Professional Writing (4)
- WRT 4996 - Independent Study (1 TO 4)
- WRT 4998 - Capstone (4)

U.S. DIVERSITY

U.S. Diversity prepares the student to demonstrate:

knowledge of how diverse value systems and societal structures in the United States are influenced by at least two of the following: race, gender, and ethnicity identify major challenges and issues these raise in society. Approved diversity courses may double count in the major and/or general education.

- AH 3430 - Art Since 1960 (4) (Also meets Writing Intensive in Gen Ed)
- ALS 4374 - Cross-Cultural Communication (4)
- AMS 3000 - Topics in American Culture (4)

- AN 3127 - Racial and Ethnic Relations (4)
- AN 3260 - Peoples and First Nations of North America (4)
- AN 3560 - Historical Archaeology (4)
- AN 4830 - Cross-Cultural Communication (4)
- CIN 1150 - Introduction to Film (4)
- COM 3300 - Multicultural Communication (4) (Also meets Writing Intensive in Gen Ed)
- DAN 1375 - Dance in American Culture (4)
- ECN 3150 - Economics of Gender and Ethnicity (3)
- EED 3001 - Managing the Classroom Community for U.S. Diverse Learners (4) (Also meets Writing Intensive in Gen Ed)
- ENG 1500 - Literature of Ethnic America (4)
- ENG 3510 - Selected Ethnic Literature (4)
- ENG 3520 - African American Literature (4)
- HRD 3530 - Cultural Diversity in the Workplace (4)
- HS 3000 - Community and Public Health (4)
- HST 1100 - Introduction to American History Before 1877 (4)
- HST 1200 - Introduction to American History Since 1877 (4)
- HST 2280 - History of the African-American People (4)
- HST 3140 - History of the American South (4)
- HST 3265 - Women in Modern America (4)
- HST 3275 - History of American Families (4)
- HST 3280 - The Civil Rights Movement in America (4)
- HST 3285 - History of African-American Women (4)
- JRN 3290 - Digital Storytelling for the Media: Diversity, Identity, and Community (4)
- MUS 1005 - Foundations of Rock (4) (Also meets Arts)
- MUS 1007 - Exploring Jazz (4) (Also meets Arts)
- MUS 1011 - Exploring Caribbean Music (4) (Also meets Arts)
- NRS 2231 - Health Promotion II (3)
- NRS 3081 - Human Sexuality (4)
- NRS 4551 - Nursing Care of Populations with Health Disparities (4)
- PS 1100 - Introduction to American Politics (4)
- PS 3215 - The Politics of Race and Ethnicity (4) (Also meets Writing Intensive in Gen Ed)
- SOC 1000 - Introduction to Sociology (4)
- SOC 3610 - Racial and Ethnic Relations (4)
- THA 3006 - Cultural and Historical Development of American Musical Theatre (4) (Also meets Writing Intensive in Gen Ed and Arts)
- WGS 1000 - Introduction to Women and Gender Studies (4)
- WGS 3821 - History of American Families (4)
- WGS 3822 - History of African-American Women (4)
- WGS 3826 - Historical Archaeology (4)
- WGS 3880 - Women in Modern America (4)
- WGS 4810 - Sexual Orientation, Gender Identity and Education (4) (Also meets Writing Intensive in Gen Ed)

- WHP 3700 - Culture, Ethnicity and Well-being (4)
- WRT 3064 - Writing About Culture: Ethnography (4) (Also meets Writing Intensive in Gen Ed)
- WRT 3070 - Digital Identity and Culture (4) (Also meets Writing Intensive in Gen Ed)

Writing requirements

Students must satisfy the university General Education requirement in the Writing Foundations area by completing WRT 1060 and any required prerequisites (WRT 1020 - Basic Writing and/or WRT 1050 - Composition I) or through one of the alternatives below. Outside of the Writing Foundations area, two additional writing intensive courses (one in the General Education program and one in the student's major) must also be completed.

Writing foundations

Students may fulfill Writing Foundations requirement in any one of the following four ways (NOTE: Only completion of WRT 1060, transfer of course credit, or AP scores or 4 or 5 provide credit towards an OU degree, and towards General Education credit requirements):

A. By Oakland University course work: Complete WRT 1060 (and any required prerequisites including WRT 1020 and/or WRT 1050) with a grade of 2.0 or better in each course. [Note: Some majors require a higher grade. Please consult with your adviser.] See below for an overview of the placement system.
B. By exemption from all or part of the required coursework. Exemption may be granted to students as follows:
    - Students who submit an AP English Language and Composition examination score of 4 or 5 will be exempt from WRT 1050 and WRT 1060;
    - Students who write and submit a Placement Packet to the Chair of Writing and Rhetoric (see Writing and Rhetoric Placement System portion of the catalog for further information) may be placed in WRT 1020 - Basic Writing, WRT 1050 - Composition I or WRT 1060 - Composition II. No credit is awarded based on the Placement Packet.
C. By transfer: Transfer a college level English composition course that meets the learning outcomes of the Foundations Writing area and is equivalent to WRT 1060 (minimum 3 semester credits). Students who have completed such courses with grades of 2.0 or better may submit their transcripts to the Registrar for evaluation.
D. By exemption portfolio: The deadline for submission of an exemption portfolio is the end of the student's fourth semester at Oakland University (excluding summer semester). Students may submit an exemption portfolio to demonstrate that they have developed the skills to meet the learning outcomes of General Education Foundations Writing at the level of WRT 1060. The exemption portfolio, if successful, exempts students from WRT 1050 and WRT 1060; students must complete four (4) additional credits in General Education courses. The exemption portfolio process requires the submission of a collection of the student's original graded papers from college courses for evaluation by the Writing and Rhetoric department faculty in accordance with the following instructions:

Exemption portfolio requirements

1. Identification cover page including certification that the portfolio includes the student's own work (cover sheet and directions available from the Writing and Rhetoric department office, 378 O'Dowd Hall, 248-370-2746 or online at the Department of Writing and Rhetoric.
2. Letter (suggested limit: one page) addressed to the Writing and Rhetoric Department Chair describing the student's writing experience and development. The letter should explain the kinds of writing the student has done and how the enclosed work demonstrates mastery of the skills developed in WRT 1050 and WRT 1060 (see catalog course descriptions).
3. The graded originals of three single-author papers written by the student for college classes (at Oakland University or other accredited institutions). One of these papers must demonstrate that the student can design, conduct and report on a research project using and documenting outside sources in a standard system such as MLA, APA or another clearly identified system without plagiarism. For the research writing, students should include photocopies or printouts of at least three cited pages from the sources used for the paper.
4. The Exemption Portfolio may only be submitted once.

Rhetoric placement system

The main mechanism used to place students in the Department of Writing and Rhetoric at Oakland University is the ACT English score, as follows:

- ACT English scores of 15 or below place students in WRT 1020 - Basic Writing.
- ACT English scores of 16-27 place students in WRT 1050 - Composition I.
- ACT English scores of 28 or higher place students in WRT 1060 - Composition II.

WRT 1050; a score 4 or 5 on the AP English Language and Composition examination will be exempt from WRT 1050 and WRT 1060.

Students with questions about placement in first year writing should consult the Department of Writing and Rhetoric, 378 O'Dowd Hall, 248-370-2746, prior to the beginning of the semester in which they plan to enroll in first year writing. Students are responsible for knowing registration deadlines and understanding the implications of schedule changes for their financial aid. The department is not responsible for a student's loss of financial aid due to schedule changes.

Placement by ACT or SAT score or department override does not provide any course credit, regardless of where students are placed.

Additional Undergraduate Degrees and Majors

Under certain conditions, a student may earn either an additional baccalaureate or a single baccalaureate degree with multiple majors.

For students who have not yet received any baccalaureate degree

In order to pursue two or more Oakland University baccalaureates simultaneously, students must:

1. Meet all specified requirements for each degree program.
2. Complete at least 32 credits at Oakland University beyond those required for the degree requiring the most credits. Of these, at least 16 credits must be at the 3000 level or above.

These degrees must either have separate designations (for example, Bachelor of Arts and Bachelor of Science) or be earned in separate academic divisions (for example, the College of Arts and Sciences and the School of Engineering and Computer Science). Students who meet the requirements for more than one major program but who do not meet the above conditions may receive a single degree with more than one major recorded on their transcripts.

For students already holding a baccalaureate degree

Students already holding a baccalaureate who wish to earn an additional baccalaureate from Oakland University must:

1. Receive written approval from the college or school concerned (and, where appropriate, from the department) as part of the admission process to the new program.
2. Complete at least 32 additional credits at Oakland University.
3. Meet all specific requirements for the new degree as stipulated by the college, school or other academic unit in which the student is a candidate.
4. Second-degree students from regionally accredited institutions are exempt from Oakland University's general education requirements. This does not apply to students educated outside the U.S.

In the case of students holding a baccalaureate from Oakland University, the new degree must have a separate designation or be awarded by a different academic division, as described above. Alternately, students may enroll as post-baccalaureate students and have completion of an additional major recorded on the transcript. Such students must meet all requirements for the additional major.

Students already holding a baccalaureate degree may earn teacher certification in elementary education by being admitted to this program at Oakland University with second undergraduate degree status. For a description of the program, see the Department of Teacher Development and Educational Studies, School of Education and Human Services. Students holding baccalaureate degrees with acceptable majors may earn teacher certification in secondary education by being admitted to this program at Oakland University with second degree status. For a description of this program, refer to Secondary Education, School of Education and Human Services.

Petition of Exception

Any student may request a waiver or modification of specific degree requirements outlined in this catalog. The request should be made on a Petition of Exception form available from the appropriate advising office. Petitions requesting modification of the normal requirements of a major should be directed to the chairperson of the major department, while those addressing university-wide undergraduate degree requirements should be returned to the adviser for referral to the appropriate body. The student, the registrar and the student's academic adviser will receive copies of the petition showing the action taken. Petitions of Exception relating to graduation requirements must be filed no later than the second week of the semester of intended graduation.

English Proficiency Policy

International applicants, other visa holders, and permanent residents, whose native language* is not English must provide proof of English proficiency.

Admission

One of the following constitutes proof:

1. TOEFL 550 minimum on paper-based TOEFL
   213 minimum on computer-based TOEFL
   79 minimum on internet-based TOEFL
2. MELAB 77 minimum
3. IELTS 6.5 minimum
4. 24 transferable credits, excluding ESL course work, from a U.S. community college or baccalaureate institution
5. A baccalaureate degree from a regionally accredited U.S. college or university
6. One year of study and a diploma from a U.S. high school

Some programs at Oakland University may require a higher level of proficiency than listed above. Applicants should examine the program description for their field of study for information about additional English proficiency requirements and furnish proof as part of the admission process. Please visit the ESL Institute website and Undergraduate Admissions for additional information.

Admission with ESL coursework (excluding those seeking an F-1 visa)

One of the following constitutes proof:

1. TOEFL 520-549 on paper-based TOEFL
   192-212 on computer-based TOEFL
   69-78 on internet-based TOEFL

2. MELAB 73-76
3. IELTS 6

Students must register for ESL courses as part of their course work starting in their first semester of registration. ESL placement is done by the English as a Second Language Institute (ESL Institute) using the ESL Online Placement Test and other assessment tools. During students' ESL instruction sequence, students' English Proficiency will be evaluated to determine whether adequate progress is being made and if additional ESL coursework is necessary to achieve English Proficiency. The ESL instruction sequence designed by the ESL Institute is not negotiable.

Satisfactory completion of the ESL instruction sequence is expected within one year, but ESL coursework is required until minimum proficiency is demonstrated.

Admission to intensive English program

Prospective students who do not have adequate English Proficiency for admission or admission with ESL coursework to the university can be admitted to the Intensive English Program. ESL placement is done by the English as a Second Language Institute (ESL Institute) using the ESL Online Placement Test and other assessment tools. During the students' ESL instruction sequence, students' English Proficiency will be evaluated to determine whether adequate progress is being made and if additional ESL coursework is necessary to achieve English Proficiency. The ESL instruction sequence designed by the ESL Institute is not negotiable.

Upon completion of the Intensive English Program, students may (re)apply for admission to Oakland University; applicants are evaluated using the admission criteria described above.

** A native language is a language that is acquired naturally during childhood and is usually spoken at home, as opposed to a language that is learned later in life, for example as a part of a person's formal education. Students whose native language is not English are encouraged to visit the English as a Second Language Institute to discuss any language difficulties they may have while attending Oakland University.*

Transfer Student Information

Transfer practices

When students enter Oakland University, the Academic Records Office evaluates all course work previously completed with a 2.0 or equivalent grade at regionally accredited post-secondary institutions. Transferred courses may be used to satisfy credit and major requirements. Courses necessary to complete degree requirements are offered by the university, and it is anticipated that transfer students who have been admitted will complete subsequent program requirements at Oakland University. Credits are granted for courses taken at other regionally accredited post-secondary institutions in accordance with the transfer policies of this university and with the principles described below. Transfer

credit will not be granted for course work completed at another institution during any period when the student was suspended from Oakland University for academic misconduct.

Your GPA does NOT transfer from any two-year or four-year college or university. Only credits will transfer. Your GPA is based only on grades earned at Oakland. Some programs may use the grades from other schools in their particular internal admission criteria. Note: If you do poorly in an Oakland course, you should NOT retake that course somewhere else. If you retake it at any other institution, it will not replace the Oakland grade. That class will affect your GPA permanently on the transcript for Oakland University. Do your retakes here for maximum benefit.

Transfer practices for community college students

Oakland University's baccalaureate programs are designed to accommodate students from Michigan community colleges. For most local community colleges, the university has prepared course equivalency guides that indicate courses fulfilling specific Oakland University requirements. Transfer students from community colleges are eligible for the same financial aid programs and other services available to students who enter Oakland University directly from high school.

Transfer practices for students from four-year institutions

Oakland University also accepts students from regionally accredited four-year institutions. Transfer credits are accepted in accordance with the transfer policies of this university and in accordance with the principles described below. Some exceptions to this policy include certain physical education courses and religion courses offered by religiously affiliated post-secondary institutions.

Transfer practices for students from non-regionally accredited institutions

If a prospective student from a non-regionally accredited institution meets OU admissions requirements, they will be admitted to Oakland University. The student's credits from prior non-regionally accredited colleges and universities will be accepted according to the following policy:

Oakland University may accept for transfer those credits for which a grade of 2.0 (on a four-point scale) or higher was earned from institutions with candidacy status from a regional accrediting agency or from other accredited institutions provided that: 1) the institution grants a baccalaureate or associate degree; 2) the institution is a recognized member of the Council for Higher Education Accreditation (CHEA); 3) the courses presented for transfer are shown to have equivalency or are determined to be of traditional academic nature and are acceptable to an Oakland University department; and 4) the institution's courses are taught by faculty with a master's degree or above.

Students who have questions should contact their academic adviser or the Office of the Registrar.

Transfer practices for veterans

Undergraduate students who have served or are serving in the Armed Forces of the United States are granted, upon application, four hours of undesignated free elective credits. Oakland University may accept transfer course work completed in the Armed Forces of the United States and in programs of the United States Armed Forces Institute (USAFI) subject to the following conditions: 1) the content of the courses must be comparable to those for which Oakland University normally grants transfer credit; 2) granting of credit for particular courses must be recommended by the American Council on Education; 3) the credits are acceptable to the appropriate academic department at Oakland University. Students who have questions should contact their academic adviser or the Office of the Registrar.

Transfer credit evaluation

Preliminary evaluations of transfer credits are mailed to students shortly after admission has been approved. Information is updated as equivalency information is received. Students can review their transcripts on SAIL to see the most updated information. Official evaluations are completed during the first semester of attendance. If students have questions concerning courses at other institutions that may meet Oakland University's general education requirements, they should consult their academic adviser or the Academic Records Office, 102 O'Dowd Hall, (248) 370-3452.

Individual academic units may impose particular limitations on transfer credit. Students are advised to read appropriate sections of this catalog to learn the policies of schools in which they may be degree candidates.

Once transfer credits have been granted at Oakland University, a subsequent change of program or major may result in a change in the number of transfer credits accepted.

Study at a foreign university

Oakland University students who enroll directly in foreign universities may, upon their return, request academic credit. Such students must provide documentation of the content and scope of the work completed as well as official evaluations of academic performance. Students who anticipate requesting credit for foreign study should contact the Office of International Education, O'Dowd Hall, Room 328 (248) 370-2889, in advance of enrolling in a foreign university.

Transfer principles

Community college transfer credit limit (generally 62 credits)

Students may transfer applicable community college credits at any time during their course of study; however, such credits are limited to no more than one-half the minimum credits required for completion of a specific baccalaureate program. Additional credit may be transferred from regionally accredited four-year institutions. At least 32 credits must be earned at Oakland University.

Upon a student's initial entry to the university (or upon readmission after a lapse of six years or more), courses taken at a two-year institution may be accepted to satisfy requirements even though the rule limiting community college credit transfers to one-half of the total may prevent the acceptance of any credits from such courses. A continuing student at Oakland University who has reached this credit limit may not apply toward the baccalaureate degree any more courses or credits from a two-year institution.

Principles concerning the MTA and MACRAO agreements

Oakland University participates in the Michigan Transfer Agreement (MTA) and Michigan Association of Collegiate Registrars and Admissions Officers (MACRAO) Articulation Agreement. Both agreements allow students to satisfy the university's general education requirements at a Michigan community college except as noted below.

After transferring to Oakland University, students must complete a writing intensive course in the major and a capstone course. Students who have satisfied the MTA or MACRAO agreement must also either transfer in a course that is acceptable for the knowledge application (KA) requirement or take an approved KA course at OU after transferring. Under the MTA and MACRAO agreements, students from participating Michigan public community colleges must present for review a transcript bearing the "MTA Satisfied" or "MACRAO Agreement Satisfied" designation.

General education requirements for transfer students

Transfer students may fulfill the General Education Requirements with courses from their former institution that have been approved for this purpose by Oakland University. In such cases, a 3 semester-hour transfer course may serve as the required course in a particular knowledge area, but students must still present a total of 40 general education credits, and all 10 knowledge areas must be represented for graduation. Transfer students must complete the writing intensive in the major course and the capstone course at Oakland University. However, transfer students are exempt from the writing intensive in general education requirement.

Arts and Sciences exploratory requirements for transfer students

Transfer students pursuing any major in the College of Arts and Sciences should refer to the Policies and Procedures section in the College portion of the catalog for College of Arts & Sciences College Exploratory Requirement that must be met in addition to General Education Requirements.

College-Level Examination Program (CLEP) credits

Transfer students who wish to apply College Level Examination Program (CLEP) credits towards degree work at Oakland University should consult the (CLEP) section of the catalog.

Physical Education Credits

No more than 6 credits in approved physical education courses will transfer to Oakland University.

Grading System

1. The basic undergraduate grading system at Oakland University is a 32-point system of numerical grades, with passing grades ranging from 1.0 through 4.0, by tenths, and a no credit grade of 0.0. Non-numerical grades are W, I, P, S, U, R and Z. All courses are graded numerically unless otherwise noted.
2. The first two weeks of a full semester (one week in summer I and II and variable for other parts of term) are a no record period for dropping and adding courses. ("No-record" means that there will be no transcript notation showing enrollment in the course.) See Important Dates.
3. The meanings of non-numeric grades are as follows:
    a. W (Withdrawn) grade is assigned by the registrar if a student withdraws officially from a course between the end of the no-record period and the ninth week of 14-week courses (the fifth week of seven-week courses, and variable for other parts of term).
    b. The I (Incomplete) grade is temporary and may be given only by student request and instructor consent and only after the cut-off date for use of the **W** grade. It is used in the case of severe hardship beyond the control of a student that prevents completion of course requirements. Student work to remove an I grade for credit courses and faculty submission of the grade must be completed within one year from the faculty grade submission deadline for the appropriate semester. I grades after the one year deadline shall be changed to a grade of 0.0 for undergraduate students. A student who wishes to receive an Incomplete (I) grade in a course must present a Student Request for Incomplete Grade form to the instructor by the day of the scheduled final examination. This form, which indicates the instructor's willingness or unwillingness to grant the I and the schedule he or she sets for completing the term's work, is available in department offices. **The rules described above do not apply to degree candidates. Graduating students requesting Incomplete grades in the final semester should contact the degree auditor immediately**.
    c. The P (Progress) grade is temporary and may be given only in a course that, by design, cannot be completed in one semester or session. Prior approval must be obtained from the dean of the appropriate school or college to assign P grades in a particular course. The P grade is only given for course work that is satisfactory in every respect. P grades must be removed within two calendar years from the date of assignment. If this is not done, the P will be changed to a 0.0.
    d. The S (Satisfactory) grade implies a grade of 2.0 or better in certain selected courses in which S/U grading is used exclusively; such courses must be approved by the appropriate committee on instruction. Under circumstances presented below, students may elect as an option to take a numerically graded course on an S/U basis.

e. The U (Unsatisfactory) grade is given in selected courses approved for S/U grading and implies a non-passing grade of less than 2.0. It also denotes unsatisfactory work in a numerically graded course elected by a student on an S/U basis.
f. R is a temporary grade assigned by the registrar in the absence of a grade from the instructor.
g. Z is assigned upon registration for an audited course. The student's declaration of intention to audit and instructor permission are both required, and it is understood that no credit for the course is intended to be earned that term.

4. If none of the above apply, the course is considered to have been successfully completed when the instructor assigns a numerical grade from 1.0 to 4.0. The University Senate has approved publication of the following conversion for external purposes:

3.6-4.0 - A
3.0-3.5 - B
2.0-2.9 - C
1.0-1.9 - D
0.0 - no credit

5. All grades appear on student transcripts. However, only numerical grades are used to determine the grade point average, which is truncated at two decimal places.

S/U grading option

Undergraduates who have completed at least 28 credit hours toward graduation may elect to take up to 8 credits of course work at Oakland University on an S/U grading basis, assuming that all prerequisites have been completed and subject to the following conditions:

a) These credits may be counted only as elective credits. They may not be used to satisfy general education requirements (including college or school exploratory requirements), the student's major or minor course requirements or prerequisites, or any courses designated ''No S/U''.
b) Any courses that are designated S/U in the catalog will not count toward the limit of 8 S/U grading option credits per student. Courses where the S/U grading system is used to grade all students in the course can be used to satisfy any applicable academic requirement.
c) The student must elect the S/U option by the end of the late registration period by filing the appropriate form with the Registration Office (100 O'Dowd Hall). Instructors will not be informed on their enrollment lists as to who are the S/U students, if any. They will simply assign numeric grades (0.0 to 4.0) to all enrolled students. For students who have elected the S/U option, the Registrar's Office will then convert numeric grades from 2.0 to 4.0 to an S and numeric grades from 0.0 to 1.9 to a U. An S or a U will appear on the student's official grade report and transcript.
d) Neither the S nor the U grade will be included in the student's grade point average.
e) If a course is repeated, it must be repeated on the same grading basis as the first attempt.

Appeal of grade

Final Course Grade - Formal Grade Appeal Procedure

The evaluation of academic work is the prerogative of the instructor and the rules for determining final course grades should be established by the instructor and given to the students in a course syllabus at the beginning of the semester. All final course grades assigned by instructors are considered final, except Incomplete (I) and Progress (P) grades.

The assignment of final course grades requires an appeal procedure to ensure that the rights and responsibilities of faculty and students are properly recognized and protected. The grade appeal procedure is not to be used to review the judgment of an instructor in assessing the quality of the student's work.

The Office of the Registrar is authorized to change a final course grade provided the reason for the change is to correct a clerical or procedural error. It is the responsibility of the student who appeals a final course grade to demonstrate clerical error, prejudice or capriciousness in the assignment of the grade; otherwise, the judgment of the instructor is final.

A student who believes grounds exist for an appeal of a final course grade must complete the appeal process within the semester time limits specified in the table below AND within the time limits specified in the various steps below. These time limits represent the maximum time limit for a student to appeal a final course grade. In the event that a program publishes more stringent time limits, the program time limits will take precedence over the time limits in this document. Once the appeal process is initiated, the burden of proof is on the student. Written verification of each step below is critical.

No changes to a final course grade will be approved on the basis of course improvement or re-examination.

Semester **Final Course Grade posted on SAIL**	**Maximum Time Limit to Complete** **Final Course Grade Appeal**
Fall Semester	End of subsequent Winter semester
Winter Semester	End of subsequent Fall semester
Summer Semester	End of subsequent Fall semester

Informal Conference with Instructor

Step 1 - Student Contacts the Course Instructor

Student responsibility

Students who have questions about final grades for the semester are required to contact the instructor who issued the final course grade by email or in writing to request a review of the grade. Step 1, an informal conference with the instructor, must be initiated no later than 10 work days after final grades are posted on SAIL to determine if an error has been made.

If the instructor is on leave, on sabbatical, or is not currently on the faculty during the time range stipulated in Step 1, the student should contact the chair of the academic department that offered the course.

Instructor responsibility

The instructor must respond to the student within 10 work days of being contacted by the student and explain to the student how the grade was determined. If an error was made in calculating the grade, the instructor submits a Grade Change Request to the Office of Registrar modifying the final grade.

If a resolution with the instructor is not reached (Step 1), the student can initiate a Formal Grade Appeal Review (Step 2). The grade appeal procedure is not to be used to review the judgment of an instructor in assessing the quality of the student's work. The burden of proof, however, rests with the student to demonstrate that the grade decision was made on the basis of any of the following conditions:

1. The student believes that the grade received conflicts with the grading policy on the syllabus;
2. The student believes that there is an error in calculation with the grade;
3. The student believes that the grade was given arbitrarily, or with capriciousness or prejudice.

Formal Grade Appeal Review

Step 2 - Chair of the Academic Department

Student responsibility

Step 1 review MUST be concluded before the student can initiate the Formal Grade Appeal Review

The request for a Formal Grade Appeal Review of a final course grade must be submitted to the chair of the academic department that offered the course no later than 10 days after contact with the instructor.

The student must identify one of the three reasons permissible for the grade appeal review, and submit the Grade Appeal form, along with the following documentation:

1. A thorough explanation of the reason identified for this review, including any relevant written materials - letters, memos, emails, or notes;
2. A brief outline of the outcome of the grade review contact/meeting with the instructor;
3. A copy of the course syllabus outlining assignments, tests, and examinations, along with their respective weights to the final grade calculation; and
4. A demonstration of the error in calculation by which the final grade was determined.

Since the written appeal will be the basis for the Grade Appeal Review, the student should ensure that it is clear, complete, and inclusive of all documentation the student wishes to have considered in the appeal process. It is the student's responsibility to present written evidence that the instructor made an error or acted arbitrarily or capriciously in assigning the grade.

Chair responsibility

Step 1 review MUST be concluded before the student can initiate the Formal Grade Appeal Review

The chair of the academic department will discuss the Formal Grade Appeal with the instructor. In departments that have a committee charged with the responsibility of hearing student grade appeals,

the chair may refer the matter to the committee. The role of the chair is to ensure procedural process, it is not to re-grade the work completed by the student for the course.

If the instructor is also the chair of the academic department, the dean of the school (or the dean's designee) will discuss the Formal Grade Appeal with the instructor.

The chair of the academic department and the instructor of the course must review the Formal Grade Appeal before the Official Withdrawal date in the semester subsequent to the semester the final grade was posted in SAIL.

Fall Semester Final Grade Posted in SAIL	Official withdrawal date in subsequent Winter semester.
Winter Semester Final Grade Posted in SAIL	Official withdrawal date in subsequent Fall semester.
Summer Semester Final Grade Posted in SAIL	Official withdrawal date in subsequent Fall semester.

At the conclusion of this review, a written and dated decision must be provided to the student. If the student does not receive a response from the chair by the Official Withdrawal date, the student may advance his or her written grade appeal to the next level.

Step 3 - Dean of the School that Offered the Course

Student responsibility

Students who do not believe their final course grade concerns were resolved in review with the chair of the academic department (or academic department committee) may advance their written grade appeal to the dean of the school (or the dean's designee) that offered the course.

The request for a Formal Grade Appeal of a final course grade must be submitted to the dean of the school that offered the course no later than 10 days after the written decision of the chair of the academic department.

Dean responsibility

The dean may utilize any resources available to resolve the grade appeal before the end of the semester class date. When appropriate, the dean shall convene a committee to review the case. Within the structure provided by the dean, the committee shall design its own rules of operation and select a chair other than a faculty representative from the department concerned.

If feasible, the committee should meet with the student and the instructor together in an attempt to resolve the difference. The committee shall consider all aspects of the case before making its recommendation. The committee shall make a written report with recommendations and provide

copies to the dean. The dean shall make a final decision after full consideration of the committee's recommendation.

The dean must provide a written, dated decision to the student, instructor and chair of the academic department before the end of the semester class date. The decision of the school dean is final and ends the grade appeal process for the student; there is no higher level of appeal.

Fall Semester Final Grade posted in SAIL	End of class date in subsequent Winter semester.
Winter Semester Final Grade Posted in SAIL	End of class date in subsequent Fall semester.
Summer Semester Final Grade Posted in SAIL	End of class date in subsequent Fall semester.

Academic Records

Transcripts may be requested online through SAIL. Former students who don't know their log-in credentials may complete a transcript request form, in-person at Registrar Services, or by writing to: Transcript Request, Office of the Registrar, O'Dowd, Room 100, 586 Pioneer Drive, Rochester, Michigan 48309-4482. Requests should include the name under which the student attended, the student's Oakland University student number, the date the student last attended, date of degree (if applicable) and the address to which the transcript is to be sent.

Transcripts will not be issued for students who have delinquent indebtedness to the university or who are delinquent in repaying a National Direct Student Loan (NDSL), a Perkins Loan or Nursing Student Loan (NSL).

Campus Security Policies, Crime Statistics and Crime Log

Information regarding public safety at Oakland University is provided in the Annual Security and Fire Safety Report. The Security and Fire Safety Report includes crime statistics for the previous three years concerning certain crimes reported to have occurred on the University's campuses; in or on non-campus buildings, and property owned or controlled by Oakland University; and on public property within, or immediately adjacent to and accessible from, the campus. The Security and Fire Safety Report also includes information about police and public safety resources, reporting crimes, coordination between law enforcement agencies, fire and medical emergencies, crime prevention, victim support services, the law and OU policies, campus facilities, residence hall security, timely warning and emergency notification policy statements, and the OU Alcohol and Other Drug Policy. Additional information regarding emergency action plans is available online and OU's sexual misconduct policy can be found online as well. A crime log can be found online at the Oakland University Police Department. To obtain a

paper copy of the Security Report or the crime log, contact the Oakland University Police Department at (248) 370-3331 or by emailing info@oupolice.com.

Family Educational Rights and Privacy Act

The federal Family Educational Rights and Privacy Act of 1974 pertain to confidential student educational records. This legislation allows students the right to view upon request their own confidential educational records and defines the use of these records by others. The dean of students is the university compliance officer for the Family Educational Rights and Privacy Act.

Students who do not want directory information to appear on the Oakland University web site can restrict release of such data by doing the following:

- Login to Sail
- Click on Login to Secure Area
- Complete the User Login
- Select Personal Information
- Select Directory Profile
- De-select the Display in Directory option for items you wish to not appear in the web directory.

Students who do not want directory information released in any other form must notify the Office of the Registrar in writing. Forms for this purpose are available in 100 O'Dowd Hall. Upon receipt of the completed and signed form, directory information will be withheld until the student requests in writing that it be released. Requests for privacy may also be faxed to the Registrar at (248) 370-3890.

The university considers student theses and dissertations to be public statements of research findings. Therefore, students who submit such work in fulfillment of degree requirements shall be deemed to have consented to disclosure of the work.

A full statement of students' rights is available in the Office of the Dean of Students, 144 Oakland Center, (248) 370-3352. Any questions, grievances, complaints or other related problems may be addressed to the Dean of Students, 144 Oakland Center, Oakland University, Rochester, Michigan 48309-4401, (248) 370-3352 and/or filed with the U.S. Department of Education.

University Approval for Research Activities Involving Human and Animal Subjects, Biosafety, and Radiation Safety Protection of Human Subjects

Protection of Human Participants in Research

All research projects involving the participation of human subjects, use of identifiable private information, or use of materials of human origin must be submitted for review by the Institutional Review Board (IRB) for the Protection of Human Subjects in Research before the research can be conducted. This requirement includes all research, from low-risk investigations such as surveying people on the street about their favorite television shows to high-risk studies like clinical trials of experimental medical treatments. Applications are submitted online through the online protocol management system, IRBNet.

All students conducting research must have a faculty adviser/sponsor. The student and faculty adviser/sponsor are jointly responsible for contacting the IRB and for keeping abreast of the approval process as it pertains to their study. For more information about human subjects research and the review process, visit the Oakland University IRB website at Regulatory Compliance. The website includes links to information on mandatory training requirements in human subjects research that is offered by the Collaborative Institutional Training Initiative (CITI) and on the Oakland University Guidelines for Research Involving Human Subjects.

For more information, visit the IRB page under Regulatory Compliance or contact Dr. Judette Haddad at (248) 370-4898 or haddad@oakland.edu.

Protection of animal subjects

All research, teaching and testing at Oakland University using vertebrate animals must have the approval of the Institutional Animal Care and Use Committee (IACUC) and be conducted according to federal regulations and university guidelines. Approval is obtained through submission of an Animal Care and Use application. Applications must be submitted online through the Research Application Manager 3.0 (access to RAM 3.0 is found under Regulatory Compliance. Principal Investigators on IACUC applications must be OU faculty members. Training in working with animals in biomedical research is offered through the Collaborative Institutional Training Initiative (CITI), and animal "Research Hazards Awareness Training" is required through the Office of Environmental Health and Safety. For more information visit Regulatory Compliance at Institutional Animal Care and Use Committee (IACUC), or contact Janet Schofding at (248) 370-4440 or schofdin@oakland.edu.

Biosafety

All research, teaching and testing at Oakland University involving recombinant tissues of human origin, infectious agents and/or cultured cell lines must be approved by the Institutional Biosafety Committee (IBC) before the work can be conducted. Approval is obtained through submission of biosafety research applications. Applications must be submitted online through the Research Application Manager 3.0. For more information, visit the Biosafety page under Regulatory Compliance or contact Dr. Judette Haddad at (248) 370-4898 or haddad@oakland.edu or Domenic Luongo at (248) 370-4314 or luongo@oakland.edu.

Radiation safety

Radioactive material (including X-ray generating machines) can only be used by authorized Oakland University permit holders or under the supervision of a permit holder. User permits are issued by the Radiation Safety Committee (RSC) only to full-time OU faculty members or principal investigators. All others must work under the supervision of a full-time faculty member and complete mandatory radiation safety training. For more information, visit the website or contact Domenic Luongo, Radiation Safety Officer at (248) 370-4314 or luongo@oakand.edu.

Online application for conducting research

To access the compliance committee applications referred to above, researchers should visit the Regulatory Compliance link on the Research web page. Human subjects research applications must be submitted through IRBNet. All required forms and applications are located on the IRBNet website. A step by step instruction guide for using IRBNet is located under IRBNet accessed through Regulatory Compliance. IACUC and IBC Applications are available through the Research Application Manager (RAM) 3.0 which is accessed online. Researchers, who are accessing the site for the first time, must create an account. Only OU faculty can submit IACUC, IBC, and RSC applications. Students may be allowed to work on approved projects under the supervision of a faculty mentor.

Other Academic Policies

Honors

Academic honors

At the end of each fall and winter semester, undergraduates who have earned a semester grade point average (GPA) of 3.00 or higher in at least 12 credit hours of numerically graded university work and who have received no 0.0 grades will be recognized for academic achievement. These credits must be earned within the time constraints of the normal semester. Commendation is awarded to undergraduates with term GPAs of 3.00 to 3.59. and academic honors is awarded to undergraduates with term GPAs of 3.60 to 4.00. Both commendation and academic honors will be recorded on students' academic transcripts.

Dean's list

At the end of each winter semester, students who achieve academic honors (3.60 to 4.00) in at least 12 numerically graded credits for consecutive fall/winter semesters will be placed on the Dean's List. Students who receive an I (incomplete) and/or P (progress) grade in either fall or winter semesters are not eligible for the dean's list. Inclusion on the Dean's List for an academic year will be recorded on students' academic transcripts. Names of Dean's List students, except those who have requested privacy, will be published on an official list to be posted on campus. Students will also receive letters from the appropriate dean.

Departmental and school honors

Departmental or school honors may be awarded to selected students when their degrees are conferred. Criteria for earning these honors are described in the appropriate section of the Undergraduate Catalog. Departmental and school honors are recorded on students' transcripts.

University honors

The three levels of university honors, cum laude, magna cum laude and summa cum laude, may be awarded with the conferral of a student's earned baccalaureate with the following cumulative grade point average: 3.60-3.74, cum laude; 3.75-3.89, magna cum laude; and 3.90-4.00, summa cum laude. The awarding of a degree with university honors will be based only on Oakland University credits, and the student must earn at least 62 credits at Oakland University to be eligible for such honors.

Academic conduct policy

All members of the academic community at Oakland University are expected to practice and uphold standards of academic integrity. Academic integrity means representing oneself and one's work honestly. Misrepresentation is cheating since it means the student is claiming credit for ideas or work not actually his or her own and is thereby seeking a grade that is not actually earned. All academic misconduct allegations are forwarded to the Dean of Students Office and adhere to the student judicial system.

Examples of Academic Dishonesty:

1. Cheating on assignments and examinations. This includes, but is not limited to, the following when not authorized by the instructor: the use of any assistance or materials such as books and/or notes, acquiring exams or any other academic materials, the use of any other sources in writing drafts, papers, preparing reports, solving problems, works completed for a past or concurrent course, completing homework or carrying out other assignments. No student shall copy from someone else's work or help someone else copy work or substitute another's work as one's own. No student shall engage in any behavior specifically prohibited by an instructor in the course syllabus or class discussion.
2. Plagiarizing the work of others. Plagiarism is using someone else's work or ideas without giving that person credit. By doing this, a student is, in effect, claiming credit for someone else's thinking. This can occur in drafts, papers and oral presentations. Whether the student has read or heard the information used, the student must document the source of information. When dealing with written sources, a clear distinction should be made between quotations, which reproduce information from the source word-for-word within quotation marks, and paraphrases, which digest the source of information and produce it in the student's own words. Both direct quotations and paraphrases must be documented. Even if a student rephrases, condenses or selects from another person's work, the ideas are still the other person's and failure to give credit constitutes misrepresentation of the student's actual work and plagiarism of another's ideas. Buying a paper or using information from the Internet without attribution and handing it in as one's own work is plagiarism.

3. Cheating on lab reports by falsifying data or submitting data not based on the student's own work.
4. Falsifying records or providing misinformation regarding one's credentials.
5. Unauthorized collaboration on assignments. This is unauthorized interaction with anyone in the fulfillment of academic requirements and applies to in-class or take-home coursework. Individual (unaided) work on exams, lab reports, homework, computer assignments and documentation of sources is expected unless the instructor specifically states in the syllabus or verbally that it is not necessary. Collaboration can also include calculating homework problems with another person, having another help to rewrite a paper, sharing information/sources with others and checking coursework with others.
6. Resubmission of original work. When an instructor assigns coursework, the instructor intends that work to be completed for his/her course only. Work students may have completed for a course taken in the past, or may be completing for a concurrent course, must not be submitted in both courses unless they receive permission to do so from both faculty members.

Faculty Standards

Faculty members are expected to maintain the following standards in the context of academic conduct:

1. To inform and instruct students about the procedures and standards of research and documentation required to complete work in a particular course or in the context of a particular discipline.
2. To take practical steps to prevent and detect cheating.
3. To report suspected academic misconduct to the Dean of Students, 144 Oakland Center, for consideration by the Academic Conduct Committee of the University Senate.
4. To present evidence of plagiarism, cheating on exams or lab reports, falsification of records, or other forms of academic misconduct before the Academic Conduct Committee.

Student Standards

Students are expected to abide by the following standards in the context of academic conduct:

1. To be aware of and practice the standards of honest scholarship.
2. To follow faculty instructions regarding exams and assignments (including group assignments) to avoid inadvertent misrepresentation of work.
3. To be certain that special rules regarding documentation of term papers, examination procedures, use of computer-based information and programs, etc., are clearly understood.
4. If a student believes that practices by a faculty member are conducive to cheating, he or she may convey this information to the faculty member, to the chairperson of the department, or to any member of the Academic Conduct Committee (either directly or through the Dean of Students Office)

Academic Probation and Dismissal

General information

To stay in good academic standing, students must not allow their cumulative grade point averages (GPA) to drop below 2.00. Some schools and departments establish more selective criteria for satisfactory academic performance within their majors. Students should consult the section of the catalog on their major for specific information.

Undergraduates who fail to make satisfactory academic progress toward a degree will be placed on probation in accordance with a university policy that stipulates that students must complete for credit most of the courses for which they register and must do so with a reasonable degree of academic proficiency. Students on probation who fail to meet the minimal standard of progress established by the University Senate will be dismissed from the university.

Undergraduates who are dismissed for unsatisfactory academic progress do not retain the privileges of students in good standing. If dismissed students wish to be readmitted to Oakland University after the compulsory separation period prescribed by the Academic Standing and Honors Committee, they must apply for readmission through the Undergraduate Admissions, 101 North Foundation Hall. (If, in the dismissal notice, a student has been informed that readmission will not be considered, the student may not utilize this procedure.) Questions about Oakland University's probation and dismissal policies should be directed to the Office of the Registrar, 100 O'Dowd Hall, (248) 370-3470.

Principles and practices

The University Senate's Academic Standing and Honors Committee with administrative support from the Office of the Registrar is responsible for the Academic Probation and Dismissal policy. The policy is based on the following principles and practices:

1. A share of students' educational expense is provided by the state of Michigan, and it is the responsibility of the university to see that these funds are properly used. If students fail to make satisfactory academic progress toward a degree, dismissal action must be taken by the Academic Standing and Honors Committee.
2. Students are encouraged to make responsible decisions concerning their educational progress. Students who are apparently not benefiting sufficiently from the educational opportunities available at the university are advised to consider other alternatives.
3. Some students new to the university (including transfer students) need a period of adjustment; therefore, no students will be dismissed at the end of their first semester/ session at the university. Furthermore, students will not be dismissed without having been placed on probation in the previously enrolled semester/session.
4. Students must have a 2.00 GPA upon graduation. Students with fewer than 81 credits toward graduation and a GPA below 2.00 are normally allowed to continue their studies on probation if it is reasonable to expect that they can sufficiently raise their cumulative GPA. (See Probation and dismissal policy below.)

5. Students who receive notice of their dismissal after a term are advised to appeal the dismissal if they believe they have valid reasons to have the dismissal deferred. The Academic Standing and Honors Committee of the Faculty Senate will review appeals submitted within the seven-calendar day deadline and students will be notified regarding the decision of the committee by mail. Students whose appeals are approved by the Committee are required to participate in the Dismissal Option Status Program.
6. Students on probation for two consecutive semesters are not eligible for VA (Veterans') benefits.

Probation and dismissal policy

The following Academic Probation and Dismissal Policy applies to all undergraduate and second degree students.

1. Students with a cumulative GPA of 2.00 or above or without an established cumulative GPA are considered to be in good academic standing. (See item 4 below).
2. Students in good academic standing will be placed on probation at the end of a semester/session when their cumulative GPA is below 2.00. They will be allowed to remain at Oakland University on probationary status for at least one semester/session.
3. At the end of a probationary semester/session, students will be:
    a. returned to good academic standing if their cumulative GPA is 2.00 or higher;
    b. continued on probation if they have fewer than 24 GPA credit hours even if their semester GPA is below 2.00; or
    c. continued on probation if their semester GPA is 2.00 or higher, even if they do not meet the minimum requirements on the chart below; or
    d. dismissed from the university if their semester GPA is below 2.00, they have 24 or more GPA credit hours, and their cumulative GPA is below the minimum GPA according to the chart below. For example, if at the end of a probationary semester/session, a student has attempted 26 credits, has a semester GPA below 2.00, and a cumulative GPA of 1.50, the student will be dismissed from Oakland University.

Oakland University GPA Hours	Minimum Required Cumulative GPA
24-32	1.61
33-48	1.73
49-64	1.85
65-80	1.97
81+	2.00

4. In order to establish a cumulative GPA, a student must receive a numerical grade in at least one course at Oakland University, and in the computation of the cumulative GPA, only those courses at Oakland University for which a student has received numerical grades are used. If a course has been repeated, the assigned credits for the course are only counted once in the total number of credits attempted and only the most recent numerical grade received is used. The

"honor points" for each course are computed by multiplying the numerical grade received by the number of credits assigned to the course.

The cumulative GPA is determined by dividing the sum of the honor points for all courses receiving numerical grades by the total number of credits attempted in courses receiving numerical grades at Oakland University.

The appeal process

Students dismissed after a probationary term may appeal the dismissal if they feel there are valid reasons to do so. To appeal, students must complete an official Dismissal Appeal Form and submit it to the Academic Standing and Honors Committee within seven calendar days of the issuance of the dismissal notice. The forms are obtained via the Office of Registrar website. If the appeal is approved, the student is placed on dismissal option status, and the dismissal is deferred.

Dismissal option status

Dismissal option status is granted to students whose dismissal appeals are approved or to students who are readmitted following a previous dismissal for unsatisfactory academic progress. Dismissal option status offers students the opportunity to continue their education on a term-by-term basis as long as specific requirements are met. All students on dismissal option status must meet a term GPA minimum of 2.00 in each enrolled semester/session until good academic standing is resumed. (Good academic standing is achieved when the cumulative GPA is 2.00 or above.) Failure to earn a minimum term GPA of 2.00 results in reactivation of the dismissal, an action that may not be appealed by the student involved. The Dismissal Option Status program is administered by the Office of the Registrar, 100 O'Dowd Hall, (248) 370-3470.

Academic forgiveness

Academic Forgiveness changes the academic standing of students who are on academic probation or dismissal option status (DOS). To petition for Academic Forgiveness, students must meet the following conditions: absent from the university for six or more years; not in good academic standing prior to their absence; and not permanently dismissed from the university.

Students who meet these requirements may petition the Academic Standing and Honors Committee for Academic Forgiveness. The petition must include a letter from the student stating why they are seeking academic forgiveness and supporting documentation. If the petition is granted, the student is considered exempt from the probation outreach and dismissal option status programs. Petitions must be submitted to the Office of the Registrar, 100 O'Dowd Hall.

Withdrawals

Students dropping all registered credits in a semester must follow the withdrawal procedure. When students withdraw from the university after the second week of classes (first week in the summer

semester) and before the end of the official withdrawal period, W grades will be assigned in all uncompleted courses. Official withdrawal from the university is not permitted after the ninth week of 14-week courses (fifth week of seven-week courses). If students stop attending classes but do not follow the withdrawal procedure, they may receive grades of 0.0. Undergraduates who plan to return to the university after a six-year interruption should consult the readmission policy above.

Problem Resolution

Students may encounter problem situations during their course of study at Oakland University that require review by appropriate administrative or academic personnel. The university's problem resolution procedure provides a fact-finding system for resolving problems between students and faculty or staff members when a review of the issues is not available through other established procedures. For some issues (e.g. discrimination, harassment), specific university procedures must be followed. The Dean of Students, located in 144 Oakland Center, is always available to advise students on the alternatives that are available to resolve a concern.

Each student, faculty member, administrator and staff member has an obligation to resolve problems fairly through discussion between the aggrieved student and the specific university person involved with the problem.

Academic Concerns

Each academic unit has developed its own internal procedure for resolving complaints about classroom situations and will provide a copy upon request. Generally, a student must first contact the instructor. If the problem is not resolved between the instructor and the student, the student then contacts the department chair. The department chair may then hear the facts of the case or refer it to an internal unit committee. If the problem is not resolved at this step, the student may then contact the dean of the college or school to continue the problem resolution process. In the case of graduate students, the school or college dean shall consult with the Director of Graduate Study. For cases involving grade disputes and classroom procedures but not involving discrimination, harassment or illegal behavior, the process stops at the dean level.

In any case involving an academic concern, the student should be aware of the responsibilities of the instructor and of the student.

An instructor's responsibilities include, but are not limited to, the following:

1. The instructor should hold classes and examinations when and where officially scheduled.
2. Each instructor should be available in his or her office for student consultation for a reasonable number of hours each week and make these hours known.
3. The instructor should make known at the beginning of each course the objectives and nature of the course, dates of important events (e.g., tests, major assignments), and policies on grading, class attendance, tests, papers and class participation.
4. The instructor should ensure that the content of the course he/she teaches is consistent with the course description in the university catalog.
5. The instructor should adhere to university policies concerning students' rights.

6. The instructor should attend the meetings as required by the procedures of the unit concerning student grievances.

A student's responsibilities include, but are not restricted to, the following:

1. The student must know and adhere to the instructor's policies concerning attendance, tests, papers and class participation.
2. The student must direct academic complaints about a class through the channels explained above.
3. Upon the request of his or her instructor, the student should consult with the instructor at a mutually convenient time.
4. The student should attend the meetings as required by the unit grievance procedures.

In the above process, a student may discuss the problem with the instructor. However, it is beneficial for the student to write out the concerns and state the suggested resolution to the problem. The complaint should be supported with facts. If the problem is not resolved at the instructor level and advances to the department chair, students must document their concerns to assist the chair or the unit committee to understand the problem.

Non-Academic Concerns

From time to time, students may experience concerns with their employment situation or service on campus. In these situations, the student may wish to contact the dean of students to discuss problem resolution steps. Generally, the procedure will involve presenting the facts to the immediate supervisor of the specific university employee involved. The student should clearly state the nature and basis of the alleged offense, the name of the person(s) who committed the offense, the specifics of the incident(s) involved and the names of any known witnesses. In handling such complaints, discretion will be exercised but no guarantee of confidentiality may be given, since an investigation will necessarily involve discussions with other parties.

The immediate supervisor of the person against whom the complaint was lodged must respond to the complainant within 30 days after the complaint was filed (unless an extension for additional review or information gathering is authorized). If the complainant is dissatisfied a written appeal may be made to the next level of supervision. For nonacademic complaints, appeals stop at the vice presidential level.

Concerns about Illegal Discrimination or Harassment

University policy prohibits illegal discrimination. Discriminatory conduct or discriminatory harassment is behavior, including but not limited to sexual advances or requests for sexual favors, and any written behavior, including pictorial illustrations, graffiti or written material, that stigmatizes or victimizes an individual on the basis of race, sex, gender identity, gender expression, sexual orientation, age, height, weight, disability, color, religion, creed, national origin or ancestry, marital status, familial status, veteran status, or other characteristics protected by federal and state law.

In cases involving alleged illegal discrimination or harassment by a university employee, the student should contact the Office of Inclusion and Intercultural Initiatives, 203 Wilson Hall, (248) 370-3496.

Time Limits for All Types of Concerns

In the interest of fairness to all parties, a complaint should be filed as soon as possible to assist in obtaining the facts related to the complaint. For this reason, a complaint generally will not be processed unless it is filed no later than sixty (60) days after the student became aware or should have become aware of the incident leading to the complaint. However, the University may waive the 60-day rule based upon the facts and circumstances of the complaint and after giving due consideration to the protection of the rights of both the complainant and the individual accused.

University Libraries

Knowledge UNBOUND

Website

Dean: Stephen Weiter
Associate Dean: Mariela Hristova
Assistant Dean: Linda Kreger
Director, Oakland University William Beaumont School of Medicine Library: Nancy Bulgarelli
Professor Emeriti: William Cramer, Indra M. David, Suzanne O. Frankie, George L. Gardiner, Robert G. Gaylor, Linda L. Hildebrand, Janet A. Krompart, Frank Lepkowski, Mildred H. Merz, Richard L. Pettengill, Ann M. Pogany, Daniel F. Ring
Professor: Kristine S. Condic
Associate professors: Dominique Daniel, Shawn Lombardo, Misa Mi, Julia Rodriques, Anne Switzer, Elizabeth Wallis
Assistant professors: Keith Engwall, Meghan Finch, Katie Greer, Amanda N. Hess, Shawn McCann, Emily Spunaugle, Stephanie Swanberg, Joanna Thielen
Managers: Rob Burns, Library Technology Services; Tracy Macpherson; Circulation Services and Resource Sharing

Library Facilities

Located in the center of campus, the Kresge Library houses the main library and the medical library. The library provides seating for individual study, rooms for group work, meeting rooms, audiovisual rooms, and a café that features a full range of coffee drinks, teas and snacks for on-the-go students. The third floor of the building is designated for quiet study, while the fourth floor provides powered tables and casual seating spaces to facilitate collaborative study.

The Learning Commons on the second floor offers a combination of PC and Mac desktop workstations, areas for wireless laptop use, breakout rooms with presentation computers and equipment, and areas with modular furniture to facilitate a flexible learning environment for research, sharing, and knowledge creation by students. Adaptive equipment for students with disabilities is also available. Laptop computers are available for checkout to students at the Circulation Desk.

In addition to its own operations and resources, the library hosts the Writing Center, the OU Help Desk, and e-Learning and Instructional Support.

Library Collections

The Libraries' collections include more than 450,000 e-books, 55,000 journal titles in electronic and print formats, 550,000 print volumes, musical scores, multimedia resources, and more. The Libraries subscribe to more than 130 online databases and Library OneSearch, a discovery tool that enables users to search the Libraries' print and electronic holdings simultaneously with a single search. Last year patrons conducted 1.4 million searches in library databases and retrieved more than a million full-text articles and book chapters from our electronic collections. The Libraries' web site serves as a gateway to research databases, electronic reference sources, full-text articles and e-books, as well as to subject guides and online tutorials to help users navigate the research tools of a wide range of disciplines.

Special collections include federal and state government documents, the Hicks Collection of Early Books by and about women, the Springer Collection of Lincolniana, the Gaylor Collection of GLBT Literature, the China Gift Collection, and the Bingham Collection of Historical Children's Literature. In addition, the Libraries maintain a collection of all dissertations written at OU.

The University Archives, housed on the first floor, is a repository of materials relating to the history of Oakland University. Digitized archival collections include photographs, newsletters, older student newspapers, Board of Trustees' minutes, and other important documents. These online materials, as well as a growing faculty research collection, are available through the OUR@Oakland institutional repository, which is organized and maintained by library faculty and staff.

Library Services

Website

Phone: (248) 370-2471

Send an e-mail message to a librarian: ref@oakland.edu

Research Help

Librarians provide research assistance in-person at the Research Help Desk, by telephone, by e-mail, and via instant messaging. Librarians also offer individualized and customized research consultation sessions by appointment. These in-depth, one-to-one sessions are designed to help students identify and use resources pertinent to their research.

Library instruction

As information literacy specialists, librarians provide extensive instruction for students on using information resources, constructing effective research strategies, and evaluating information. These instruction sessions are a core component of every WRT 1060 course. Librarians also provide customized, course-related sessions in the disciplines, as well as workshops on special topics.

Circulation and course reserve services

At the Circulation Desk, undergraduate students may borrow books for a period of three weeks, with unlimited renewals unless another borrower has requested the materials. Students may also borrow materials that have been placed on course reserve by their professors. An increasing number of reserve items are made available online.

Interlibrary loan service

Students may request books and articles not owned by the Libraries through our interlibrary loan service and through MelCat, a statewide resource sharing system. Requests can be made through forms available on the Libraries' website.

Courses Description

LIB 2500 - Introduction to Library Research and Technology in the Information Age (4)
With the ever-increasing availability of online and digital resources, it is vital that students be able to find and use information effectively. In this course students will learn about the organization of information, search skills, the research process, discipline-specific sources, evaluation of information, information ethics and other sources of debate. *Satisfies the university general education requirement in the knowledge applications integration area. Satisfies the university general education requirement for a writing intensive course in general education. Prerequisite for knowledge applications and writing intensive: completion of the university writing foundation requirement. (Formerly LIB 250)*
Prerequisite(s): (WRT 160 or WRT 1060)

Oakland University in Macomb County

Oakland University strives to be widely recognized as Macomb County's premiere university for baccalaureate and graduate programs. With the establishment of its presence in Macomb County more than two decades ago, Oakland University is committed to expanding access to higher education in Macomb County. Home to three conveniently located OU educational sites in Mount Clemens and Clinton Township, Oakland University offers Macomb County residents a variety of educational options and greater flexibility in completing instruction for their bachelor's or master's degree.

Each semester, Oakland University offers a wide variety of courses across its Macomb County locations, in both day and evening formats, that lead to fulfillment of general education and major requirements, as well as a number of full undergraduate and graduate degree programs. By offering these enrollment options, Oakland University serves students in Macomb County by:

- Providing a gateway to OU's main campus in Rochester, since students can complete select course requirements, close to home and work, for several OU bachelor degrees.
- Facilitating degree completion for transfer students coming from a community college or another university and wishing to complete requirements for an OU bachelor's degree in Macomb County or at OU's main campus in Rochester.
- Serving working adult students who have earned some college credits and wish to return for degree completion of their OU undergraduate or graduate degree in Macomb County or at OU's main campus in Rochester.

Macomb County Educational Sites:

1. Anton/Frankel Center (AFC), 20 S. Main St., Mount Clemens, MI 48043, (248) 370-3910, fax (248) 370-3925.
2. Macomb University Center (MUC), 44575 Garfield Road, Clinton Township, MI 48038, (586) 263-6242, fax (586) 263-6261.
3. Macomb Intermediate School District (MISD), 44001 Garfield Road, Clinton Township, MI 48038 (586) 226-8462, fax (586) 226-8463.

Programs

Undergraduate degree programs

- Bachelor of Arts in Communication
- Bachelor of Arts in Criminal Justice
- Bachelor of Arts in Journalism
- Bachelor of Arts in Psychology
- Bachelor of Integrative Studies
- Bachelor of Science in Computer Science
- Bachelor of Science in Computer Engineering
- Bachelor of Science in Electrical Engineering
- Bachelor of Science in Elementary Education

- Bachelor of Science in General Management
- Bachelor of Science in Human Resource Development
- Bachelor of Science in Information Technology
- Bachelor of Science in Mechanical Engineering
- Bachelor of Science in Marketing
- Bachelor of Social Work

Graduate degree programs

- Education Specialist Degree in Educational Leadership
- Master of Arts in Counseling
- Master of Arts in Communication
- Master of Arts in Teaching, Reading and Language Arts
- Master of Arts in Teaching with Elementary Certification (K-8)
- Master of Education in Early Childhood Education with Early Childhood Endorsement
- Master of Education in Special Education with Autism Spectrum Disorder Endorsement
- Master of Public Administration (choose general, court administration or criminal justice leadership concentration)

Certificate and endorsement programs

- Autism Spectrum Disorder (ASD) Endorsement
- Career Development Facilitator Training
- Early Childhood Education Endorsement
- School Counseling, Advanced Specialization

Academic Advising in Macomb County

Academic Advising is available by appointment; students should contact OU's Macomb County office for further information.

Professional and Continuing Education – PACE

PACE
Pawley Hall, Oakland University
Room 440G
456 Pioneer Drive
Rochester, MI 48309-4482
(248) 370-3177

Website

Professional and Continuing Education (PACE) offers educational opportunities for those looking to advance their careers, achieve certifications, re-certify or enrich their lives. We offer non-credit courses in a variety of formats to suit any lifestyle. PACE courses and programs are offered online, and throughout Metro Detroit. Courses, facilitated by Oakland University faculty and business leaders, combine research expertise and real world application to help you gain the knowledge you need to kick-start your life.

Who should consider PACE?

Individuals:

* career changers
* gain an edge for that next big promotion/raise
* personal enrichment
* enhance your knowledge and skills

Businesses:

* train your workforce
* specifically designed programs
* add a competitive advantage

Other Academic Programs

Extension courses are also offered to businesses, government agencies, private agencies, and civic groups. The courses provide special instruction to the employees or members of these organizations. Most courses can be taught at the organization's facility. Course content is structured to address specific needs or goals identified by the organization.

Extension Course Cancellation

Oakland University reserves the right to cancel any extension course that does not have sufficient enrollment. All tuition applicable to the canceled section will be automatically refunded when a course is canceled.

Diploma, Certificate and Re-Licensure Programs

Diploma programs, a series of courses related to individual objectives, are offered as preparation for becoming a paralegal assistant and to sit for the CFP® (Certified Financial Planner) examination.

The Personal Financial Planning Certificate Program, offered by PACE - Professional and Continuing Education and is designed to prepare individuals who are now or might become involved in advising clients about financial planning, to prepare them to sit for the CFP® license examination. The center also offers a certificate program in Production and Manufacturing Management for individuals who wish to gain the knowledge and improve their skills for the constantly changing manufacturing environment.

Qualifying hours for professional re-licensure are offered both periodically and throughout the year for counselors, educators, Certified Public Accountants, Certified Financial Planners, Certified Internal Auditors, Certified Management Accountants and licensed insurance professionals.

Educational Test Preparation Workshops

Test preparation workshops for the SAT, ACT, Graduate Record Exam (GRE), Graduate Management Admission Test (GMAT), and Law School Admission Test (LSAT) are offered year-round. The SAT and ACT workshops are designed for college-bound high school students or individuals who decide to enter a college program after an interruption of the traditional high-school-to-college progression. The GRE and GMAT workshops are designed for those seeking admission to graduate school, and the LSAT for those applying for entry into law school. Information on these workshops is available through the College of Arts and Sciences.

Conferences and Seminars

Conferences on topical subjects are offered throughout the year. Included among the offerings are: conference, seminar and corporate training programs through PACE - Professional and Continuing Education.

Air Force Reserve Officer Training Corps (AFROTC)

Oakland University participates in a “Crosstown” agreement with the Southeast Michigan Air Force ROTC unit housed at the University of Michigan in Ann Arbor. Under this agreement, eligible Oakland University students may enroll at Oakland and take the required General Military and Professional Officer training courses in Ann Arbor. The program leads to appointment as a commissioned officer in the United States Air Force for those who meet requirements and may include scholarship aid and other financial support. Some Aerospace Science (AERO) courses offered at the University of Michigan may be used to fulfill other requirements. One or more of the training courses may be accepted as an elective course for a business major in general management. For possible use of AERO courses as electives, please contact the Office of Undergraduate Business Programs, (248) 370-3285 or the Office of the Registrar. For further information about the AFROTC program contact the Air Force ROTC detachment 390 at (734) 647-4093 or e-mail afrotc@umich.edu or you can access the AFROTC Det 390 web site

Oakland Athletics

In just 16 seasons of competing in NCAA Division I, the Golden Grizzlies produced two National Basketball Association (NBA) Draft Picks (Kay Felder, 2016 and Keith Benson, 2011), consecutive Horizon League McCafferty Trophy titles, given to the league’s all-sports champion, and back-to-back top-25 finishes in the D-IAAA Learfield Directors Cup standings over the last two seasons.

Oakland University dominated the Division II ranks (1963-97), producing 10 NCAA national championships and 159 individual national champions. The men’s swimming and diving program has won 38 consecutive league titles and the women’s team captured the last 22 league championships. Oakland made a decision in 1997 to transition to Division I and change its nickname from the Pioneers to the Golden Grizzlies, joining the Mid-Continent Conference (known as The Summit League).

The Golden Grizzlies dominated The Summit League with three trips to the men’s basketball NCAA tournament, winning tournament titles in 2005, ‘10 and ‘11. Oakland went a league-best 34-2 in Summit League play over the 2010 and ‘11 seasons, the best conference record in the country. The Golden Grizzlies have won 71 percent of their league games over the last decade, best of any Michigan Division I school (Michigan State is No. 2 at 68 percent).

Longtime swim coach Pete Hovland was inducted into the Michigan Sports Hall of Fame (MSHOF) in 2016 after his many accomplishments. Hovland is also in Oakland Athletics Hollie L. Lepley Hall of Honor, along with men’s basketball coach Greg Kampe. The two have coached almost 70 years combined and amassed over 50 league championships.

The women’s basketball program experienced early success in D-I, making its only NCAA tournament appearance in 2002. Several players have gone on to professional careers overseas, including former greats Sarah Judd, Katie Wolfe, Melissa Jeltema and 2016 graduate Elena Popkey.

Men’s Soccer continues to produce title after title, capturing the last two Horizon League championships and making seven NCAA tournament appearances in 15 years of D-I competition. The Golden Grizzlies have a pair of postseason wins, over Michigan State, 2-1, in 2007 and Kentucky, 2-0, in 2014. Steve Clark (2005-08) was the starting goalkeeper in the upset win over the Spartans and became the first-ever

Golden Grizzly to sign a Major League Soccer (MLS) contract and currently starts for the Columbus Crew, leading them to the MLS Cup title game in 2015.

Brian Stuard (2001-05) became the most successful professional athlete for the Golden Grizzlies. The 2005 Mid-Con men's golfer of the year just completed his fifth season on the Professional Golfer Association (PGA) Tour, earning his first-ever win at the New Orleans Zurich Classic. Stuard has won close to $6 million on the PGA Tour and finished 60th in the 2015-16 FedEx Cup standings.

Not to be outdone, the women's soccer program has eight NCAA tournament appearances in 15 seasons of D-I competition. The Golden Grizzlies captured their first-ever Horizon League title in 2015, before falling to Notre Dame in the first round. Oakland upset No. 16 Ohio State in the NCAA tournament back in 2012 to advance to the NCAA Second Round for the first time in program history. Anita Rapp (1998-2002) led Oakland to consecutive NCAA berths in 2001 and '02, and won a Gold medal with Norway in 2000.

College of Arts and Sciences

217 VARNER HALL
(248) 370-2140
Fax: (248) 370-4280
College Website

Dean: Kevin J. Corcoran, Ph.D.

Office of the Dean:

Anne L. Hitt, associate dean; Robert B. Stewart, Jr., associate dean; Laura Culbert, assistant dean; Sandra K. Dykstra, assistant dean; Janice M. Baker, financial analyst/business manager; Beth Dawson, financial analyst; Gerard Jozwiak, director of computing resources; Kelly A. Conway, director of development; Lori J. Posey, donor relations and stewardship coordinator; Angela Robinson, major gift officer; Shannon A. Esselink, director of Advising Services; Ann M. Selva, assistant director of Advising Services; Jim Bilinski, academic adviser; Kacie Cadotte, academic adviser; Nancy Gursin, academic adviser; Sarah Henning, academic adviser; Kirsten Nisbett, academic adviser; Matthew Prentice, senior academic adviser; Meagan Richard, academic adviser.

Ambassadors

The College of Arts and Sciences Ambassadors are a volunteer body comprised of community leaders committed to the vision and mission of the college. Ambassadors serve as advocates, taking an active part in furthering the college's objectives.

Members of the College of Arts and Sciences Ambassadors include:

Mary Fisher, D.D.S.

Lisa Flynn, M.D., regional medical director of informatics, Tenet Healthcare

Robert Gebbie, partner, Natural Bridge Technologies

Grant Gerhart, Ph.D., retired senior research scientist, TARDEC

Michael Glass, D.D.S., Endodontic Associates PC

William Goldenberg, first vice president, Raymond James and Associates, Inc.

Gail Haines, former state representative, Michigan State House of Representatives, 43rd District

William Horton, president and partner, Giarmarco, Mullins & Horton, P.C.

A. Randolph Judd, attorney

Thomas E. Kimble, co-chairman, OU/Pontiac Partnership

Adam Kochenderfer, attorney, Wolfson Bolton, PLLC

Sue Dankha Mancuso

Jonathan Parks, director, GEAR UP, Wayne State University

Vito Pianello, vice president commercial banker, First Merit Bank

Richard Rassel, chairman, Butzel Long

George Seifert, president, George & Betty Seifert Foundation Inc.

Lois Shaevsky

Tobye Stein (retired), CO-OP Financial Services

John Stoll, global auto editor and Detroit bureau chief, Wall Street Journal

Thomas Tanghe, Auburn Hills City Manager

Kevin Wilson, teacher, Walled Lake Western High School

Role and Mission of the College

The intellectual and creative capacity of the College of Arts and Sciences provides students with multiple opportunities to develop distinctive individualized academic and cultural experiences, which serve as a foundation for civic engagement, creative problem solving, entrepreneurial endeavors, and professional goals.

The college is home to a wide range of disciplines representing the humanities, social sciences, natural sciences, and fine and performing arts, as well as several interdisciplinary programs. Students share experiences that enhance written and oral communication, problem-solving and analytic skills. The college offers many opportunities to develop these skills beyond the classroom through internships, field placements and research experiences. Students learn to think creatively about the problems they confront and be adaptive in a rapidly changing world. The college faculty inspires students to become engaged citizens and professionals and individuals with an inclination toward lifelong learning.

Programs Offered

The college offers instruction leading to the Bachelor of Arts, Bachelor of Fine Arts, Bachelor of Music, Bachelor of Science, Bachelor of Social Work, Master of Arts, Master of Arts in Liberal Studies, Master of Music, Master of Public Administration, Master of Science and Doctor of Philosophy degrees. In conjunction with the School of Education and Human Services, it offers instruction leading to secondary teaching certification in biology, chemistry, dance, economics, English, teaching English as a second language, history, mathematics, modern languages and literatures, music, physics, political science and studio art, and secondary teaching endorsements in integrated science and social studies.

Admission

Departmental rather than college-wide regulations govern admission to the college's majors. Students should maintain close contact with faculty advisers in the department in which they wish to major and with the college advising office.

Academic Advising

In order to help students develop and achieve their academic goals, the college offers an advising program staffed by faculty advisers in each academic department and by professional advisers in the College of Arts and Sciences Advising Office, 221 Varner Hall, (248) 370-4567. All students are expected to meet with an adviser on a regular basis. Students who need assistance with course selection, registration, major and career choice, or who have questions about college and degree requirements, academic standing, transfer credit and petitions of exception should meet with an adviser in the College of Arts and Sciences Advising Office.

Undecided students interested in programs offered by the college should meet with an adviser in the College of Arts and Sciences Advising Office each semester until they declare a major. Once a major in the college has been declared, students should meet initially with a departmental adviser to establish a program plan and periodically thereafter to ensure that they are completing major requirements. Frequent adviser contact will help ensure that the student has current academic information and is making good progress toward a degree.

Seniors are urged to meet with a professional adviser for a graduation check prior to final registration. It is the responsibility of each student to know and meet graduation requirements and to make every effort to obtain adequate academic advising.

Requirements for the Bachelor of Arts and Bachelor of Science degrees

General requirements

Each student must:

1. Complete at least 124 credits. Some degrees may require a greater number of total credits.
2. Complete the requirements for a major offered by the College of Arts and Sciences with a cumulative grade point average of at least 2.00.
3. Complete at least 32 of these credits at Oakland University, of which at least 16 credits must be in the student's elected major.
4. Complete at least 32 credits in courses at the 300 level or above.
5. Earn a cumulative grade point average of at least 2.00 in courses taken at Oakland University and in the major(s), any elective minor(s), and any elective concentration(s).
6. Complete the university's general education requirements (see Undergraduate degree requirements).
7. Complete the college exploratory requirement described below.

College exploratory requirement

College of Arts & Sciences College Exploratory Requirement provides students with a depth and breadth in the multi- and interdisciplinary knowledge needed in today's complex world. Through concentrated intellectual engagement in disciplines outside a student's major, this requirement offers expanded horizons and progressive challenges to more fully develop the scope of a student's understanding, abilities and accomplishments.

In addition to satisfying the university-wide general education requirements, all students with majors in the College or Arts and Sciences* are required to complete at least three courses outside of their major rubric for a minimum of 12 credits. A student may select these courses from either of the following:

1. A single rubric of their choosing (e.g., HST) within the College of Arts and Sciences.**
2. A pre-defined thematic set of courses identified on the College of Arts and Sciences website.

Notes

- Courses taken to fulfill the College exploratory requirement must be at the 1000 level or above and must be in a subject taught within the College of Arts and Sciences, with the exception of non-College courses that are part of pre-approved thematic sets.

- Pre- or corequisite courses (courses with a rubric other than the major, (e.g., CHM for biology majors) required for any major may be applied toward the exploratory requirement.
- Courses used to satisfy the general education requirements for knowledge applications, U.S. diversity, writing intensive, and capstone may be applied to the exploratory requirement as long as they are outside of the major rubric. Courses used to satisfy a student's general education requirements in all other categories will not apply.
- Students transferring courses from another institution may apply appropriate credits toward the exploratory requirement and must meet the 12-credit minimum requirement.
- Students who have completed the MACRAO agreement or MTA at a community college must complete the exploratory requirement at Oakland University or another four-year institution.
- Completion of a double major or degree or completion of a College of Arts and Sciences minor or concentration satisfies the exploratory requirement.

*K-12 Music Education, K-12 Studio Art Education, B.M., and B.F.A. majors, Honors College, Liberal Studies, and second degree students are exempt from the exploratory requirement.

**For the purposes of the exploratory requirement, Department of Mathematics and Statistics rubrics MTH, APM, MOR, and STA are regarded as a single rubric. WRT 1000, 1020 and 1050 may not be used toward the exploratory requirement. Students majoring in creative writing may not use the ENG rubric toward fulfillment of the exploratory requirement. Students majoring in English may not use the CW rubric toward fulfillment of the exploratory requirement.

NOTE: As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

Departmental Honors

Requirements for awarding departmental honors to students who demonstrate outstanding academic achievement are determined by each department. Please consult the chief academic adviser in each department for the specific details of these requirements. Normally, not more than one-third of a department's graduates may be awarded departmental honors.

Major Programs

Students must fulfill all requirements of their elected majors as described in the departmental entries. A minimum cumulative grade point average of 2.00 in the major is required for graduation. As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

Majors offered by the College of Arts and Sciences are listed below. There are no college-wide regulations governing admission to major standing or retention in the majors. Each department controls its own procedures in these areas. Therefore, students are urged to maintain close contact with faculty

advisers in the department in which they wish to major and with the College of Arts and Sciences Advising Office. The majors are:

Acting (B.F.A.)
Actuarial Science (B.S.)
Anthropology (B.A.)
Applied Statistics (B.S.)
Art History (B.A.)
Biology (B.A. or B.S.)
Biochemistry (B.S.)
Bioengineering (B.S.)
Biomedical Sciences (B.S.)
Chemistry (B.A. or B.S.)
Chinese Studies (B.A.)
Cinema Studies (B.A.)
Communication (B.A.)
Creative Writing (B.A.)
Criminal Justice (B.A.)
Dance (B.A. or B.F.A.)
Economics (B.A.)
English (B.A.)
Environmental Science (B.S.)
Engineering Chemistry (B.S.)
Engineering Physics (B.S.)
French Language and Literatures (B.A.)
German Language and Literatures (B.A.)
Graphic Design (B.A.)
History (B.A.)
International Relations (B.A.)
Japanese Language and Literatures (B.A.)
Japanese Studies (B.A.)
Journalism (B.A.)
Latin American Language and Civilization (B.A.)
Latin American Studies (B.A.)
Liberal Studies (B.A.)
Linguistics (B.A.)
Mathematics (B.A. or B.S.)
Medical Physics (B.S.)
Music (B.A. or B.M.)
Musical Theatre (B.F.A.)
Philosophy (B.A.)
Physics (B.A. or B.S.)
Political Science (B.A.)
Psychology (B.A.)
Public Relations and Public Policy (B.S.)
Public Relations and Strategic Communication (B.S.)
Social Work (B.S.W.)
Sociology (B.A.)
Spanish Language and Literatures (B.A.)
Studio Art (B.A.)
Theatre (B.A.)
Theatre Design and Technology (B.F.A.)
Women and Gender Studies (B.A.)
Writing and Rhetoric (B.A.)

Secondary Teacher Education Program (STEP)

In cooperation with the School of Education and Human Services, the College of Arts and Sciences offers an extended program of study leading to secondary teaching certification. Generally, eligibility for admission to the STEP requires a minimum GPA of 3.00 in both the major and minor, and an overall GPA of at least 2.80. No single major, minor, or concentration course grade may be below 2.0, and a minimum grade of 3.0 is required in WRT 1060 - Composition II or its equivalent. Second undergraduate degree candidates completing a major and/or minor or concentration for STEP may be required to complete course work at Oakland University beyond the stated minimums. Majors in music education and studio art education, and modern language education (French, German, Japanese, and Spanish) complete the requirements for K-12 certification. For more information on program and admission requirements and procedures, please consult with advisers in the appropriate College of Arts and Sciences department and the School of Education and Human Services. The majors in this program include:

Biological Sciences (B.A. or B.S.)
Chemistry (B.A. or B.S.)
Dance (B.A.) (fall 2017 enrollment only)
English (B.A.)
French (B.A.) K-12
German (B.A.) K-12
History (B.A.)
Japanese (B.A.) K-12
Mathematics (B.A. or B.S.)
Music Education, Choral/General (B.M.)
Music Education, Instrumental/General (B.M.)
Physics (B.A. or B.S.)
Spanish (B.A.) K-12
Studio Art Education (B.A.) K-12
Teaching English as a Second Language (TESL)

International Studies Programs

The International Studies Program offers majors and minors in international studies; it also sponsors study abroad programs for students and the general public. For information about majors and study abroad programs see the International Studies Program section of the catalog and consult with the program director, Paul J. Kubicek at (248) 370-2363.

Multiple Majors

Students who elect to major in more than one area in the College of Arts and Sciences must satisfy the specific requirements of each of the majors they choose. Such students are single degree candidates with more than one major and must satisfy the general and specific requirements applicable to the awarding of one degree, either a Bachelor of Arts or a Bachelor of Science. As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators. Forms for students requesting an additional major are available in the advising office and should be completed by students wishing to graduate with more than one major. Under certain conditions, a student may earn more than one degree. Such students are double-degree candidates. For information on the restrictions that apply to the awarding of more than one degree and the requirements that double-degree candidates must satisfy, please see Additional Undergraduate Degrees and Majors in the Academic Policies and Procedures section of this catalog. Completion of a second major satisfies the College of Arts and Sciences exploratory requirement.

Independent Majors

Students interested in academic areas in which no suitable major program is available may petition the college Committee on Instruction for an individually tailored independent major in place of one of the departmental majors listed above. An independent major also may be taken as part of a double-major program in conjunction with a regular departmental major, provided that no course counted toward completion of the departmental major is also counted toward completion of the independent major. Students will be admitted to the independent major only after completing 32 credits but before completing 90 credits. For the specific requirements of an independent major, consult the College of Arts and Sciences Advising Office, 221 Varner Hall, (248) 370-4567.

Minors for Liberal Arts Degree Programs

Minors are not required by the College of Arts and Sciences for baccalaureate programs, but the college offers a number of liberal arts minors that students may pursue in addition to the required major. A cumulative grade point average of 2.00 is required in courses included in the minor. At least 8 of the credits offered for each minor must be taken at Oakland University. As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators. The catalog chosen for the student's major will also be used to determine degree requirements for any minor the student may be pursuing unless a written plan of study has been approved by the department or school offering that program. Forms for planning and approval of minors are available from departments or from the College of Arts and Sciences Advising Office (221 Varner Hall). If a department or program does not require an approved plan of study, a student is still entitled to negotiate in writing a minor or concentration with the program coordinator.

The college offers the following minors*:

advertising *(under Communication and Journalism)*
anthropology
applied mathematics (*for students in SECS*)
applied statistics
art history
biology
chemistry
child welfare (*for social work majors only*)
Chinese language
Chinese language and civilization
Christianity studies
cinema studies
communication
creative writing
criminal justice
dance
digital media production
economics
English
environmental science
French language
French language and literature
German language
German language and literature
German studies
graphic design
history
interactive and social media
international relations
international studies
Islamic studies
Japanese language
Japanese language and civilization
jazz studies
journalism
Judaic studies
LGBTQ studies
linguistics
mathematics
music
philosophy
physics
political science
psychology
public administration and public policy
public relations
relational communication
sociology
Spanish language
Spanish language and literature
studio art
teaching English as a second language (TESL)
theatre
urban agriculture and agroecology
women and gender studies
world music
writing and rhetoric

Completion of a College of Arts and Sciences minor satisfies the College of Arts & Sciences College Exploratory Requirement.

Minors from other academic units are also accepted by the college for students graduating with a major from the College of Arts and Sciences. Requirements for these minors are described under departmental entries as indicated. These minors include: in the School of Business Administration, accounting, finance, business, human resources management, international management, management information systems, marketing, production and operations management and quantitative methods; in the School of Education and Human Services, human resource development, and labor and employment studies; in the School of Engineering and Computer Science, computing and computer science; and in the School of Health Sciences, exercise science and occupational safety and health.

*These minors do not count toward an elementary or a secondary teaching credential. For further information on minors without section references, see the departmental chapter of the same name.

Secondary Teaching Minors and Concentrations

Completion of a secondary teaching minor or concentration is required as part of the secondary teacher education program (STEP) in preparation for teacher certification by the Michigan Department of Education. Only programs entitled "secondary teaching minors" are acceptable by the department.

Generally, a cumulative grade point average of 3.00 is required in courses included in the minor or concentration, with no single course grade below 2.0. Second undergraduate degree candidates completing a major and/or minor for STEP may be required to complete course work at Oakland University beyond the stated minimums. The College of Arts and Sciences offers the following secondary teaching minors or concentrations, which are described in detail under departmental entries in this catalog: biology, chemistry, economics, English, teaching English as a second language (TESL), history, integrated science, mathematics, modern languages (Chinese, French, German, Japanese, Spanish), physics, political science and social studies. As a general rule, no more than 8 credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

Completion of a College of Arts and Sciences secondary teaching minor or concentration satisfies the College of Arts and Sciences exploratory requirement.

Concentrations

The College of Arts and Sciences offers a number of concentrations that students may pursue in addition to a departmental major. Concentrations are elective and are not required for graduation. No specific grade point average is required for completion of any given concentration. At least 12 of the credits offered for each concentration must be taken at Oakland University. As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators. The catalog chosen for the student's major will also be used to determine degree requirements for any concentration the student may be pursuing. Students should file the university's Minor and Concentration Authorization Form with the department or school offering that program.

Concentrations offered include:

- addiction studies
- American studies
- archaeology
- criminal justice
- environmental studies
- French studies
- gerontology
- pre-medical studies in medical, dentistry, optometry and veterinary medicine
- pre-law studies
- religious studies
- urban studies

Additional Information

Special provisions for transfer students

The university's General Education Requirements and the college's exploratory requirement call for a distribution of courses among various fields as well as a total number of credits. Students transferring from other institutions may meet a 4-credit field requirement with an appropriate three-credit transfer course. Such students, however, must take additional courses from any of the field categories to bring the total number of credits completed up to those required for their degree: 40 general education credits plus 12 college exploratory credits for the Bachelor of Arts, Bachelor of Science, and Bachelor of Social Work. Students who have completed the MTA or MACRAO agreement must complete the college exploratory requirement at a four-year institution.

Students may transfer applicable community college credits at any time during their course of study; however, such credits are limited to no more than one-half the minimum credits required for completion of a specific baccalaureate degree program. Once this credit limit has been reached, additional community college courses may not apply. At least one-half of the credits required for completion of a specific baccalaureate degree program must be from regionally accredited four-year institutions, with at least 32 credits earned at Oakland University. (see Transfer student information).

Department of Art and Art History

310 WILSON HALL
(248) 370-3375
Fax: (248) 370-3377
Department Website

Chairperson: Dick Goody

Professors emeriti: Bonnie F. Abiko (Art History), Janice G. Schimmelman (Art History)

Professor: Susan E. Wood (Art History)

Associate professors: Claude Baillargeon (Art History), John J. Corso, Jr. (Art History), Susan E. Evans (Art), Dick Goody (Art), Sally S. Tardella (Art), Cody VanderKaay (Art)

Assistant professors: Meaghan Barry (Graphic Design), Colleen Ludwig (Art), Galina Tirnanic (Art History)

Assistant adjunct professor: Lynn M. Galbreath Fausone (Art and Graphic Design)

Visiting Assistant Professors: Rebecca Bieberly (Art History), Maria Smith Bohannon (Graphic Design), Bruce Charlesworth (Art)

Special lecturers: Eugene Clark (Art), Miranda Clark (Art), John Corbin (Art), Amy E. Feigley-Lee (Art), Grace Frost (Art), Jennifer-Clare Gawaran (Art), Laura Hall (Graphic Design), Trisha Holt (Art), Keegan Kuvach (Art), David Lambert (Art), Daniel Marchwinski (Art and Graphic Design), Louisa Ngote (Art History), Anthony Olson (Art), Rachel Reynolds (Art), Donna Voronovich (Art History), Bonnie Zielinski (Graphic Design)

Lecturers: Simon Alexander Adams (Art), Nicholas Bongers (Graphic Design), Eric Cordier (Graphic Design), Tim Gralewski (Graphic Design), Anthony Marcellini (Art), Sinisa Nedelkoski (Graphic Design), Eleanor Oakes (Art), Ryan Standfest (Art), Preston Thompson (Graphic Design), Alex Tsocanos (Graphic Design)

Chief academic adviser: Claude Baillargeon

Art history adviser: Susan Wood

Graphic design adviser: Maria Smith Bohannon

Studio art adviser: Claude Baillargeon

Studio art K-12 art education adviser: Colleen Ludwig

Director of Oakland University Art Gallery: Dick Goody

The department offers programs of study leading to the Bachelor of Arts degree with a major in art history, graphic design or graphic design with K-12 education certification, studio art or studio art with

K-12 art education certification. The department's curriculum encompasses art-making as an aesthetic expression of intellectual vision, and contextual study and research into the exceptional range of aesthetic expression throughout history. Majors and non-majors can develop their knowledge and understanding of the history and practice of the visual arts. Minors in art history, graphic design and studio art are also available.

The study of art history, by its nature, is an interdisciplinary endeavor, encompassing diverse areas of the humanities. It draws upon political, economic, social, religious and intellectual history as well as aspects of the natural sciences. Through emphasis on analysis and scholarly criticism, the art history curriculum provides an excellent foundation in the visual arts of both western and non-western cultures. Critical thinking and writing are cornerstones of the art history program, with the aim that students acquire a sense of the various methodologies and theoretical issues that characterize the discipline itself.

Studio art is an academic discipline that embraces both visual communication and expression of an intellectual vision. Students gain a solid grounding in aesthetic and critical theory, develop technical skills in a variety of artistic media, and expand their abilities to conceptualize and communicate their own vision through aesthetic means. Majors in studio art may specialize in drawing, new media, painting or photography.

Graphic design uses problem-solving skills to organize typography and image to create visual representations of ideas and messages. The graphic design major covers design theory, design history, materials and processes, as well as graphic design studio/professional industry standards and practices.

Studies in art, art history and graphic design require a high level of critical thinking and intellectual inquiry, as well as social, cultural, aesthetic and ideological exploration. Our goal as a department is to produce articulate, knowledgeable graduates, whose highly developed communication skills and creative problem solving abilities give them confidence, insight and skills to further their careers. Our majors go on in the field both through further study in graduate school, and in careers as artists, arts administrators in museums and the public sector, art conservationists, teachers, and in the wide range of careers which value the creative problem solving abilities gained in the study and practice of art.

Programs

- Art History Minor
- Art History, B.A.
- Graphic Design Minor
- Graphic Design, B.A.
- Studio Art Minor
- Studio Art with K-12 Art Education
- Studio Art with K-12 Art Education with Specialization in Graphic Design
- Studio Art, B.A.

Art History Minor

Requirements for the liberal arts minor in art history

A minimum of 20 credits to be distributed as shown below. At least 12 credits from offerings in art history must be taken at Oakland. Only courses in which the student has earned at least a 2.0 may be counted toward the art history minor.

1. Core courses (choose two)

- AH 1001 - History of Western Art, Prehistory through Medieval (4)
- AH 1002 - History of Western Art, Renaissance to Present (4)
- AH 1003 - Arts of Asia and the Islamic World (4)

2. Distribution courses (one course from any two of the following categories)

Non-Western

- AH 3010 - Japanese Art (4)
- AH 3020 - Chinese Art (4)
- AH 3050 - African Art (4)
- AH 3040 - Buddhist Art (4)
- AH 3070 - Native American Art (4)
- AH 3060 - Pre-Columbian Art (4)
- AH 3110 - Art of the Ancient Near East (4)
- AH 3240 - Islamic Art (4)
- AH 3080 - Latin American Art (4)
- AH 3030 - Chinese Architecture (4)
- AH 3890 - Seminar in Art History (4)

Ancient/Medieval

- AH 3110 - Art of the Ancient Near East (4)
- AH 3120 - Greek Art (4)
- AH 3130 - Roman Art (4)
- AH 3240 - Islamic Art (4)
- AH 3220 - Early Medieval, Byzantine, and Romanesque Art (4)
- AH 3230 - Gothic Art (4)
- AH 3630 - German Art (4)
- AH 3890 - Seminar in Art History (4)

Renaissance/Baroque

- AH 3220 - Early Medieval, Byzantine, and Romanesque Art (4)
- AH 3310 - Renaissance Art in Italy (4)
- AH 3320 - Renaissance Art in Northern Europe (4)
- AH 3350 - Baroque Art (4)
- AH 3610 - Russian Art (4)
- AH 3630 - German Art (4)
- AH 3620 - English Art (4)
- AH 3080 - Latin American Art (4)
- AH 3890 - Seminar in Art History (4)

American/Modern

- AH 3610 - Russian Art (4)
- AH 3650 - American Art (4)
- AH 3651 - African-American Art (4)
- AH 3410 - Nineteenth-Century Art (4)
- AH 3420 - Modern Art 1900-1960 (4)

- AH 3430 - Art Since 1960 (4)
- AH 3440 - Modern Architecture and Urban Design (4)
- AH 3560 - Film and the Visual Arts (4)
- AH 3540 - History of Photography I, 1825 to 1914 (4)
- AH 3550 - History of Photography II, 1914 to Present (4)
- AH 3510 - History of Prints and Printmaking (4)
- AH 3710 - Visual Representations and the Nuclear Experience (4)
- AH 3890 - Seminar in Art History (4)

Note

AH 3110 - Art of the Ancient Near East may satisfy the requirement either for Non-Western or for Ancient/Medieval, but not both.

AH 3240 - Islamic Art may satisfy the requirement either for Non-Western or for Ancient/Medieval, but not both.

AH 3220 - Early Medieval, Byzantine, and Romanesque Art may satisfy the requirement either for Ancient/Medieval or for Renaissance/Baroque, but not both.

AH 3610 - Russian Art may satisfy the requirement either for Renaissance/Baroque or for American/Modern, but not both.

AH 3630 - German Art may satisfy the requirement either for Ancient/Medieval or for Renaissance/Baroque, but not both.

AH 3080 - Latin American Art may satisfy the requirement either for Non-Western or for Renaissance/Baroque, but not both.

AH 3890 - Seminar in Art History may satisfy one of the above requirements, the subject area of which will determine the category.

Students using this catalog to meet art history minor requirements may also use any course subsequently approved as satisfying requirements in the Non-Western, Ancient/Medieval, Renaissance/Baroque, and American/Modern groups and published in a later catalog.

3. Four elective credits from AH courses

Art History, B.A.

Requirements for the liberal arts major in art history, B.A. program

A minimum of 52 credits, distributed as shown below. At least 16 credits in the major must be taken at Oakland University. Only courses in which the student has earned at least a 2.0 may be counted toward the art history major.

1. Core courses

- AH 1001 - History of Western Art, Prehistory through Medieval (4)
- AH 1002 - History of Western Art, Renaissance to Present (4)
- AH 1003 - Arts of Asia and the Islamic World (4)

2. Writing intensive in the major

- AH 2000 - Critical Thinking and Writing in Art History I (4) *(Should be taken early in the student's major course work. Normally no more than 20 credits in the art history major may be taken prior to this course.)*
- AH 3000 - Critical Thinking and Writing in Art History II (4)

3. Distribution courses (select one course from each of the following four categories)

Non-Western

- AH 3010 - Japanese Art (4)
- AH 3020 - Chinese Art (4)
- AH 3050 - African Art (4)
- AH 3040 - Buddhist Art (4)
- AH 3070 - Native American Art (4)
- AH 3060 - Pre-Columbian Art (4)

- AH 3110 - Art of the Ancient Near East (4)
- AH 3240 - Islamic Art (4)
- AH 3080 - Latin American Art (4)
- AH 3030 - Chinese Architecture (4)
- AH 3890 - Seminar in Art History (4)

Ancient/Medieval

- AH 3110 - Art of the Ancient Near East (4)
- AH 3120 - Greek Art (4)
- AH 3130 - Roman Art (4)
- AH 3240 - Islamic Art (4)
- AH 3220 - Early Medieval, Byzantine, and Romanesque Art (4)
- AH 3230 - Gothic Art (4)
- AH 3630 - German Art (4)
- AH 3890 - Seminar in Art History (4)

Renaissance/Baroque

- AH 3220 - Early Medieval, Byzantine, and Romanesque Art (4)
- AH 3310 - Renaissance Art in Italy (4)
- AH 3320 - Renaissance Art in Northern Europe (4)
- AH 3350 - Baroque Art (4)
- AH 3610 - Russian Art (4)
- AH 3630 - German Art (4)
- AH 3620 - English Art (4)
- AH 3080 - Latin American Art (4)
- AH 3890 - Seminar in Art History (4)

American/Modern

- AH 3610 - Russian Art (4)
- AH 3650 - American Art (4)
- AH 3651 - African-American Art (4)
- AH 3410 - Nineteenth-Century Art (4)
- AH 3420 - Modern Art 1900-1960 (4)
- AH 3430 - Art Since 1960 (4)
- AH 3440 - Modern Architecture and Urban Design (4)
- AH 3560 - Film and the Visual Arts (4)
- AH 3540 - History of Photography I, 1825 to 1914 (4)
- AH 3550 - History of Photography II, 1914 to Present (4)
- AH 3510 - History of Prints and Printmaking (4)
- AH 3710 - Visual Representations and the Nuclear Experience (4)
- AH 3890 - Seminar in Art History (4)

Notes

AH 3110 - Art of the Ancient Near East may satisfy the requirement *either* for Non-Western *or* for Ancient/Medieval, but not both.

AH 3240 - Islamic Art may satisfy the requirement *either* for Non-Western *or* for Ancient/Medieval, but not both.

AH 3220 - Early Medieval, Byzantine, and Romanesque Art may satisfy the requirement *either* for Ancient/Medieval *or* for Renaissance/Baroque, but not both.

AH 3610 - Russian Art may satisfy the requirement *either* for Renaissance/Baroque *or* for American/Modern, but not both.

AH 3630 - German Art may satisfy the requirement *either* for Ancient/Medieval *or* for Renaissance/Baroque, but not both.

AH 3080 - Latin American Art may satisfy the requirement *either* for Non-Western *or* for Renaissance/Baroque but not both.

AH 3890 - Seminar in Art History may satisfy one of the above requirements, the subject area of which will determine the category.

Students using this catalog to meet art history major requirements may also use any course subsequently approved as satisfying requirements in the Non-Western, Ancient/Medieval, Renaissance/Baroque, and American/Modern groups and published in a later catalog.

4. Four elective credits from AH courses

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5. Studio art elective (choose one)

- ART 1150 - Drawing for Non-Majors (4)
- ART 3330 - Historic Painting Techniques I (4)

6. Capstone courses

- AH 4998 - Senior Thesis in Art History I (4)
- AH 4999 - Senior Thesis in Art History II (4)

Language requirement

Students must also complete one semester of a foreign language. This requirement also fulfills General Education: Foreign Language and Culture. For students intending to pursue graduate study, the departmental faculty recommends two years of college-level foreign language.

Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts and Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

Graphic Design Minor

Requirements for the liberal arts minor in graphic design

A minimum of 24 credits in studio art and graphic design courses to be distributed as shown below. At least 12 credits from offerings in studio art and graphic design must be taken at Oakland. Only courses in which a student has earned at least a 2.8 may be counted toward the graphic design minor.

1. Required courses in studio art

- ART 1002 - Foundations of Studio Art: 2D **(4)**
- ART 1004 - Foundations of Media Art **(4)**
- DES 1130 - Foundations of Graphic Design **(4)**

2. Required courses in graphic design

- DES 2230 - Graphic Design I **(4)**
- DES 3340 - Web Design I **(4)**
- DES 3350 - Typography **(4)**

Graphic Design, B.A.

Requirements for the liberal arts major in graphic design, B.A.

All majors in graphic design are required to complete successfully core foundation courses, art history courses and graphic design courses. Only courses in which the student has earned a grade of at least 2.8 may be counted towards the graphic design major. Only 16 transfer credits may be

counted towards the graphic design major. A minimum of 64 credits are required for the major, to be distributed as follows:

1. Foundations

- ART 1002 - Foundations of Studio Art: 2D (4)
- ART 1004 - Foundations of Media Art (4)
- ART 2100 - Beginning Drawing (4)
- DES 1130 - Foundations of Graphic Design (4)

2. Art history

- AH 1002 - History of Western Art, Renaissance to Present (4)
- AH 3530 - History and Theory of Graphic Design (4)
- One elective 3000 level AH course (4)

3. Graphic design

- DES 2230 - Graphic Design I (4)
- DES 3340 - Web Design I (4)
- DES 3350 - Typography (4)
- DES 3330 - Graphic Design II (4)
- DES 3360 - Motion Graphics (4)
- DES 4430 - Graphic Design III (4)
- DES 4999 - Senior Thesis in Graphic Design (4)
- *(permission of instructor required for enrollment in DES 4999)*

4. Graphic design electives - choose any two of the following

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- DES 3370 - Digital Illustration in Graphic Design (4)
- DES 3345 - Web Design II (4)
- DES 3380 - Community Design (4)
- DES 3900 - Special Topics in Graphic Design (4)
- DES 3390 - Package Design (4)
- DES 3950 - Internship in Design (4)

Note:

Students using this catalog to meet graphic design major requirements may also use any course subsequently approved as satisfying requirements in the graphic design electives groups and published in a later catalog.

Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts and Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

Studio Art Minor

Requirements for the liberal arts minor in studio art

A minimum of 24 credits in studio art courses distributed as shown below. At least 12 credits from offerings in studio art must be taken at Oakland. Only courses in which a student has earned at least a 2.0 may be counted toward the studio art minor.

1. Two courses selected from

- ART 1002 - Foundations of Studio Art: 2D **(4)**
- ART 1003 - Foundations of Studio Art: 3D **(4)**
- ART 1004 - Foundations of Media Art **(4)**

2. At least 16 credits from studio art courses

- At least one 4-credit course must be at the 3000 level.
- Courses may not include ART 1150, ART 1170, ART 1130 and ART 1160.

Studio Art with K-12 Art Education

The art education program at Oakland University is an extended program of study leading to K-12 certification in art. This program is offered in conjunction with the Secondary Teacher Education Program (STEP) in the School of Education and Human Services. Generally, eligibility for admission to the program requires a GPA of 3.00 in the major, and an overall GPA of 2.80. No single major course grade may be below 2.0. Since admission to this program is highly competitive, not all of those who achieve these minimal GPA standards will be admitted. Students interested in the K-12 art education certification should consult often with the art and art history department's adviser. A maximum of 16 transfer credits may be used toward the major, in addition to the required 12 corequisite credits. Students in this program must complete the requirements listed below.

The K-12 studio art education program also includes a sequence of undergraduate course work in art education and education to include: AED 4120, AED 4220, AED 4221, AED 4320, AED 4950, EED 2000 or SED 3000; EED 3001; RDG 4238; FE 3010; SE 4401. Further details on program and admission requirements and procedures can be found in the School of Education and Human Services portion of the catalog and by consulting advisers in the Department of Art and Art History, and the School of Education and Human Services advising office, 363 Pawley Hall, (248) 370-4182.

1. Core courses, studio art

- ART 1002 - Foundations of Studio Art: 2D **(4)**
- ART 1003 - Foundations of Studio Art: 3D **(4)**
- ART 1004 - Foundations of Media Art **(4)**
- ART 1130 - Graphic Design for Non-Majors **(4)**
- ART 1160 - Photography for Non-Majors **(4)** (*students specializing in photography should not take ART 1160*)
- ART 2100 - Beginning Drawing **(4)**
- ART 2300 - Beginning Painting **(4)**
- ART 4999 - Senior Thesis in Studio Art **(4)**

2. Core courses, art history

- AH 1001 - History of Western Art, Prehistory through Medieval **(4)**
- AH 1002 - History of Western Art, Renaissance to Present **(4)**
- AH 1003 - Arts of Asia and the Islamic World **(4)**

3. Art history elective - choose any one of the following

- AH 2100 - Concepts of Modern and Postmodern Art **(4)**
- AH 3420 - Modern Art 1900-1960 **(4)**
- AH 3430 - Art Since 1960 **(4)**
- AH 3550 - History of Photography II, 1914 to Present **(4)**
- AH 3710 - Visual Representations and the Nuclear Experience **(4)**
- AH 3890 - Seminar in Art History **(4)** *(if it pertains to 20th or 21st century art)*
- AH 3900 - Special Topics in Art History **(1 TO 4)** *(if it pertains to 20th or 21st century art)*

4. Choose one of the following specializations

Drawing

- ART 3110 - Intermediate Drawing **(4)**
- ART 3120 - Life Drawing I **(4)**
- ART 3190 - Advanced Drawing and Painting I **(4)**
- ART 4980 - Advanced Drawing and Painting II **(4)**
- 1 elective 3000 or 4000 level studio art course

New Media

- ART 3210 - Video Art I **(4)**
- ART 3220 - Video Art II **(4)**
- ART 3270 - Internet Art **(4)**
- ART 3290 - Advanced New Media **(4)**
- ART 4990 - Advanced Photography and New Media **(4)**

Painting

- ART 3120 - Life Drawing I **(4)**
- ART 3310 - Intermediate Painting **(4)**
- ART 3190 - Advanced Drawing and Painting I **(4)**
- ART 4980 - Advanced Drawing and Painting II **(4)**
- 1 elective 3000 or 4000 level studio art course

Photography

- ART 3410 - Digital Imaging I **(4)**
- ART 3440 - Black and White Photography I **(4)**
- ART 3460 - Digital Imaging II **(4)**
- or ART 3470 - **Black and White Photography II (4)**
- ART 3490 - Advanced Photography **(4)**
- ART 4990 - Advanced Photography and New Media **(4)**
- AH 3550 - History of Photography II, 1914 to Present **(4)**

5. Corequisite studio art (3D) courses - 12 credits

Studio art education candidates must also take the following courses at Oakland University, Macomb Community College or Oakland Community College (or equivalent):

- ceramics/pottery
- wheel-thrown ceramics/pottery
- sculpture (ART 3500)
- jewelry/metalworking

Art education and education courses

The K-12 studio art education program also includes a sequence of undergraduate course work in art education and education to include: AED 4120, AED 4220, AED 4221, AED 4320, AED 4950; EED 2000 or SED 3000; EED 3001; RDG 4238; FE 3010; SE 4401. Further details on program and admission requirements and procedures can be found in the School of Education and Human Services portion of the catalog and by consulting advisers in the Department of Art and Art History and the School of Education and Human Services advising office, 363 Pawley Hall, (248) 370-4182.

Studio Art with K-12 Art Education with Specialization in Graphic Design

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Studio Art with K-12 Art Education Certification

The art education program at Oakland University is an extended program of study leading to K-12 certification in art. This program is offered in conjunction with the Secondary Teacher Education Program (STEP) in the School of Education and Human Services. Generally, eligibility for admission to the program requires a GPA of 3.00 in the major, and an overall GPA of 2.80. No single major course grade may be below 2.0. Since admission to this program is highly competitive, not all of those who achieve these minimal GPA standards will be admitted. Students interested in the K-12 art education certification should consult often with the art and art history department's adviser. A maximum of 16 transfer credits may be used toward the major, in addition to the required 12 corequisite credits. Students in this program must complete the requirements for a B.A. degree in the College of Arts and Sciences and concurrently fulfill the requirements listed below:

1. Core courses, studio art and design

- ART 1002 - Foundations of Studio Art: 2D **(4)**
- ART 1004 - Foundations of Media Art **(4)**
- ART 1160 - Photography for Non-Majors **(4)**
- ART 2100 - Beginning Drawing **(4)**
- ART 2300 - Beginning Painting **(4)**
- DES 1130 - Foundations of Graphic Design **(4)**

2. Core courses, art history

- AH 1001 - History of Western Art, Prehistory through Medieval **(4)**
- AH 1002 - History of Western Art, Renaissance to Present **(4)**
- AH 1003 - Arts of Asia and the Islamic World **(4)**
- AH 3530 - History and Theory of Graphic Design **(4)**

3. Graphic design specialization

- DES 2230 - Graphic Design I **(4)**
- DES 3340 - Web Design I **(4)**
- DES 3350 - Typography **(4)**
- DES 3330 - Graphic Design II **(4)**
- DES 3360 - Motion Graphics **(4)**
- DES 4999 - Senior Thesis in Graphic Design **(4)** *(permission of instructor and major requirement audit required to enroll in DES 4999*)

4. Graphic design electives - choose any two of the following:

- DES 3370 - Digital Illustration in Graphic Design **(4)**
- DES 3380 - Community Design **(4)**
- DES 3900 - Special Topics in Graphic Design **(4)**
- DES 3390 - Package Design **(4)**
- DES 3950 - Internship in Design **(4)**

5. Corequisite studio art (3D) courses - 12 credits

Studio art education candidates must also take the following courses at Oakland University, Macomb Community College or Oakland Community College (or equivalent):

- ceramics/pottery
- wheel-thrown ceramics/pottery
- sculpture (ART 3500)
- jewelry/metalworking

Art education and education courses

The K-12 studio art education program also includes a sequence of undergraduate course work in art education and education to include: AED 4120, AED 4220, AED 4221, AED 4320, AED 4950; EED 2000 or SED 3000; EED 3001; RDG 4238; FE 3010; SE 4401. Further details on program and admission requirements and procedures can be found in the School of Education and Human Services portion of the catalog and by consulting advisers in the Department of Art and Art History and the School of Education and Human Services advising office, 363 Pawley Hall, (248) 370-4182.

Studio Art, B.A.

Requirements for the liberal arts major in studio art, B.A.

All majors in studio art are required to successfully complete a core group of studio art and art history courses (30-34 credits) and a specialization (28-32 credits) in one of the following field areas: drawing, painting, photography or new media. A maximum of 16 transfer credits may be applied to the major. Only courses in which the student has earned at least a 2.0 may be counted toward the studio art major. A minimum of 62 credits are required for the major, distributed as follows:

1. Core courses

- ART 1002 - Foundations of Studio Art: 2D (4)
- ART 1003 - Foundations of Studio Art: 3D (4)
- ART 1004 - Foundations of Media Art (4)
- ART 2000 - Critical Theory and Practice in Art (4)
- ART 2100 - Beginning Drawing (4)
- ART 3000 - Professional Practices and Portfolio Design (2)
- ART 4999 - Senior Thesis in Studio Art (4)
- AH 1002 - History of Western Art, Renaissance to Present (4)
-

Note: ART 2100 is not a requirement for the Photography specialization.

2. Art history elective - choose any one of the following

- AH 2100 - Concepts of Modern and Postmodern Art (4)
- AH 3420 - Modern Art 1900-1960 (4)
- AH 3430 - Art Since 1960 (4)
- AH 3550 - History of Photography II, 1914 to Present (4)
- AH 3710 - Visual Representations and the Nuclear Experience (4)
- AH 3890 - Seminar in Art History (4) (if it pertains to 20th or 21st century art)
- AH 3900 - Special Topics in Art History (1 TO 4) (if it pertains to 20th or 21st century art)

3. 28 credits in one of the following specializations

Drawing

- ART 2300 - Beginning Painting (4)
- ART 3110 - Intermediate Drawing (4)
- ART 3120 - Life Drawing I (4)
- ART 3190 - Advanced Drawing and Painting I (4)
- ART 4980 - Advanced Drawing and Painting II (4)
- Two elective 3000 or 4000 level courses; one must be an ART course; one can be ART or one of AH 3420, AH 3430, AH 3540 or AH 3550.

New Media

- ART 3210 - Video Art I (4)
- ART 3220 - Video Art II (4)
- ART 3270 - Internet Art (4)
- ART 3290 - Advanced New Media (4)
- ART 4990 - Advanced Photography and New Media (4)
- Two elective 3000 or 4000 level courses; one must be an ART course; one can be ART or one of AH 3420, AH 3430, AH 3540 or AH 3550.

Painting

- ART 2300 - Beginning Painting (4)
- ART 3120 - Life Drawing I (4)
- ART 3310 - Intermediate Painting (4)
- ART 3190 - Advanced Drawing and Painting I (4)
- ART 4980 - Advanced Drawing and Painting II (4)
- Two elective 3000 or 4000 level courses; one must be an ART course; one can be ART or one of AH 3420, AH 3430, AH 3540 or AH 3550.

Photography

- ART 3410 - Digital Imaging I (4)
- ART 3440 - Black and White Photography I (4)
- ART 3460 - Digital Imaging II (4)
- ART 3470 - Black and White Photography II (4)
- ART 3490 - Advanced Photography (4)

- ART 4990 - Advanced Photography and New Media (4)
- AH 3550 - History of Photography II, 1914 to Present (4)
- One elective 3000- or 4000-level ART course or AH 3540 - History of Photography I, 1825 to 1914 (4)

Note:

Students using this catalog to meet studio art major requirements may also use any course subsequently approved as satisfying requirements under the art history elective category (requirement #2 above) and published in a subsequent catalog.

Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts and Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

Course Descriptions

AH 1001 - History of Western Art, Prehistory through Medieval (4)
History and analysis of the visual arts of western Europe from prehistoric times through the Medieval period. *Satisfies the university general education requirement in the arts knowledge exploration area. (Formerly AH 100)*

AH 1002 - History of Western Art, Renaissance to Present (4)
History and analysis of the visual arts of western Europe from the Renaissance to the present. *Satisfies the university general education requirement in the arts knowledge exploration area. (Formerly AH 101)*

AH 1003 - Arts of Asia and the Islamic World (4)
Introduction to the monuments of Asia, including India, China, Japan and the Islamic world, including the Near East and North Africa. *Satisfies the university general education requirement in the arts knowledge exploration area. (Formerly AH 104)*

AH 2000 - Critical Thinking and Writing in Art History I (4)
Introduction to research in art and art history, practice in writing about art from various points of view, and analytical reading of critical texts. Written and oral presentation of major research paper. *Satisfies*

the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly AH 200)
Prerequisite(s): (AH 100 or AH 1001), (AH 101 or AH 1002) or (AH 104 or AH 1003) and written permission of the instructor.

AH 2100 - Concepts of Modern and Postmodern Art (4)
An overview of major movements, artists and critical themes of twentieth century art and an introduction to the themes of contemporary critical discourse. *Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly AH 291)*
Prerequisite(s): (AH 101 or AH 1002)

AH 2200 - Introduction to the History of Western Architecture (4)
History and analysis of the architecture of Western Europe and North America from the period of ancient Greece to the present. *Satisfies the university general education requirement in the knowledge applications integration area. Prerequisite for knowledge applications: completion of the general education requirement in the arts knowledge exploration area. (Formerly AH 262)*

AH 3000 - Critical Thinking and Writing in Art History II (4)
Introduction to critical theory and the application of its methodologies to the study of art. *Satisfies the university general education requirement in the knowledge applications integration area. Prerequisite for knowledge applications integration: completion of the general education requirement in the arts knowledge exploration area. Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly AH 387)*
Prerequisite(s): (AH 200 or AH 2000) or permission of instructor.

AH 3010 - Japanese Art (4)
The development of architecture, sculpture, painting, and other art forms (bronze, ceramic, lacquer ware, armor) in Japan from prehistory to modern times. (Formerly AH 301)
Prerequisite(s): (AH 104 or AH 1003) or (IS 220 or IS 2200)

AH 3020 - Chinese Art (4)
The development of architecture, sculpture, painting, and other art forms (bronze, ceramic, lacquer ware, jade) in China from prehistory to modern times. (Formerly AH 304)
Prerequisite(s): (AH 104 or AH 1003) or (IS 210 or IS 2100)

AH 3030 - Chinese Architecture (4)
The development of the built environment in China from prehistory to modern times with emphasis on structural and stylistic evolvement, cultural exchange, and ideological engagement. (Formerly AH 357)
Prerequisite(s): (AH 104 AH 1003) or (IS 210 or IS 2100)

AH 3040 - Buddhist Art (4)
The development of architecture sculpture, painting, and other decorative arts as created by and for the practices of Buddhism from 3rd century B.C.E. to present. (Formerly AH 307)
Prerequisite(s): (AH 104 or AH 1003)

AH 3050 - African Art (4)
The arts of the indigenous peoples of West, Central and East Africa. (Formerly AH 305)
Prerequisite(s): 4 credits in art history or (IS 230 or IS 2300)

AH 3060 - Pre-Columbian Art (4)
The arts of the Indians of Mexico, Central America and South America prior to the Spanish Conquest. Identical with (AN 309 or AN 3460). (Formerly AH 309)
Prerequisite(s): 4 credits in art history or (IS 250 or IS 2500)

AH 3070 - Native American Art (4)
Native American art of the United States and Canada. Identical with (AN 308 or AN 3463).(Formerly AH 308)
Prerequisite(s): 4 credits in art history.

AH 3080 - Latin American Art (4)
History and analysis of the visual arts of Latin America from contact to present. (Formerly AH 349). *Satisfies the university general education requirement in the global perspective knowledge exploration area. Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. Prerequisite for writing intensive: completion of the university writing foundation requirement.*
Prerequisite(s): (AH 100 or AH 1001), (AH 101 or 1002) or (AH 104 or AH 1003)

AH 3110 - Art of the Ancient Near East (4)
The architecture, sculpture and painting of Egypt, Mesopotamia, Iran, Asia Minor and Syria from the Neolithic to the Roman period. *Satisfies the university general education requirement in the knowledge applications integration area. Prerequisite for knowledge applications integration: completion of the general education requirement in the arts knowledge exploration area. (Formerly AH 310)*
Prerequisite(s): (AH 100 or AH 1001)

AH 3120 - Greek Art (4)
Development of architecture, sculpture and painting in ancient Greece from ca. 2000 B.C.E. until the period of Roman domination in the Mediterranean area, ca. 100 B.C.E. *Satisfies the university general education requirement in the knowledge application integration area. Prerequisite for knowledge application integration: completion of the general education requirement in the arts knowledge integration area. (Formerly AH 312)*
Prerequisite(s): (AH 100 or AH 1001)

AH 3130 - Roman Art (4)
The development of architecture, sculpture and painting in Etruria and in the Roman Republic and Empire from ca. 600 B.C.E. until the relocation of the capital at Constantinople in C.E. 330. *Satisfies the university general education requirement in the knowledge application integration area. Prerequisite for knowledge application integration: completion of the general education requirement in the arts knowledge exploration area. (Formerly AH 314)*
Prerequisite(s): (AH 100 or AH 1001)

AH 3220 - Early Medieval, Byzantine, and Romanesque Art (4)
The development of architecture, sculpture and painting in Christian Europe from C.E. 330 through the apex of monasticism, ca. C.E. 1150. (Formerly AH 322)
Prerequisite(s): (AH 100 or AH 1001)

AH 3230 - Gothic Art (4)
The development of architecture, sculpture and painting in western Europe from ca. 1150 through the period of the Crusades and medieval urbanism, ca. 1400. (Formerly AH 326)
Prerequisite(s): (AH 100 or AH 1001)

AH 3240 - Islamic Art (4)
The development of art and architecture in Islam from the seventh to the nineteenth century in the Middle East, Near East, North Africa, West and Central Asia, Arab and Moorish Spain, and the Muslim Indian subcontinent. (Formerly AH 320)
Prerequisite(s): (AH 104 or AH 1003) or (IS 270 or IS 2700)

AH 3310 - Renaissance Art in Italy (4)
The development of architecture, sculpture and painting in Italy during the Renaissance from 1300 to 1600. (Formerly AH 330)
Prerequisite(s): (AH 101 or AH 1002)

AH 3320 - Renaissance Art in Northern Europe (4)
The development of architecture, sculpture and painting in northern Europe from 1400 to 1600. (Formerly AH 334)
Prerequisite(s): (AH 101 or AH 1002)

AH 3350 - Baroque Art (4)
The development of architecture, sculpture and painting in western Europe from 1600 to 1700. (Formerly AH 340)
Prerequisite(s): (AH 101 or AH 1002)

AH 3410 - Nineteenth-Century Art (4)
The development of sculpture, painting and related media in the western world from the French Revolution to 1900. (Formerly AH 360)
Prerequisite(s): (AH 101 or AH 1002)

AH 3420 - Modern Art 1900-1960 (4)
The development of sculpture, painting and related media in the western world from 1900 to 1960.(Formerly AH 361)
Prerequisite(s): (AH 101 or AH 1002)

AH 3430 - Art Since 1960 (4)
The development of sculpture, painting and related media in the Western world from 1960 to the present. *Satisfies the university general education requirements in U.S. Diversity. Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly AH 362)*
Prerequisite(s): (AH 101 or AH 1002)

AH 3440 - Modern Architecture and Urban Design (4)
The development of architecture and urban design in Europe and the United States from the Industrial Revolution to the present. (Formerly AH 363)
Prerequisite(s): (AH 101 or AH 1002)

AH 3510 - History of Prints and Printmaking (4)
The graphic arts in Europe and America from 1450 to the present, including printmaking techniques, collecting and conservation. Students will study original prints. (Formerly AH 370)
Prerequisite(s): (AH 101 or AH 1002)

AH 3520 - History of the Decorative Arts (4)
The decorative arts in Europe and America from 1450 to the present. (Formerly AH 375)
Prerequisite(s): (AH 101 or AH 1002)

AH 3530 - History and Theory of Graphic Design (4)
History and theory of design, including major movements, designers and critical issues in design discourse. (Formerly AH 364). *Satisfies university general education requirement for writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement.*
Prerequisite(s): (AH 101 or AH 1002); graphic design major or minor or instructor permission.

AH 3540 - History of Photography I, 1825 to 1914 (4)
Development of still photography as a mode of visual art and communication from its invention to the first world war. (Formerly AH 368)
Prerequisite(s): (AH 101 or AH 1002)

AH 3550 - History of Photography II, 1914 to Present (4)
The growth of still photography as a form of visual art and communication from the first world war to the present. (Formerly AH 369)
Prerequisite(s): (AH 101 or AH 1002)

AH 3560 - Film and the Visual Arts (4)
The study of film as a visual art and the relationship between film and twentieth-century artistic movements. (Formerly AH 367)
Prerequisite(s): (AH 101 or AH 1002) or (CIN 150 or CIN 1150)

AH 3610 - Russian Art (4)
The development of architecture, sculpture and painting in Russia from the tenth century to the present. (Formerly AH 343)
Prerequisite(s): (AH 101 or AH 1002) or (IS 260 or 2600)

AH 3620 - English Art (4)
The development of architecture, sculpture and painting in Britain from the Renaissance through the eighteenth century. (Formerly AH 348)
Prerequisite(s): (AH 101 or AH 1002)

AH 3630 - German Art (4)
Development of architecture, sculpture and painting in Germany from prehistory to 1871. (Formerly AH 345)
Prerequisite(s): (AH 100 or AH 1001) or (AH 101 or AH 1002)

AH 3650 - American Art (4)
The development of architecture, sculpture and painting in the United States from the early colonial period to World War I. (Formerly AH 350)
Prerequisite(s): (AH 101 or AH 1002)

AH 3651 - African-American Art (4)
The arts of African-Americans from the colonial period to the present. (Formerly AH 352)
Prerequisite(s): (AH 101 or AH 1002)

AH 3652 - Michigan Architecture (4)
The development of the commercial, domestic, industrial, public and religious architecture of Michigan from the period of early settlement to the present. (Formerly AH 355)

AH 3710 - Visual Representations and the Nuclear Experience (4)
History and analysis of the nuclear era from a global visual perspective. (Formerly AH 377)
Prerequisite(s): (WRT 160 or WRT 1060) with a grade of 2.0 or higher.

AH 3720 - Women in Art (4)
The traditional image of woman in art and the contribution of women artists in Europe and the United States from the Middle Ages until the present. Identical with (WGS 351 or WGS 3818). (Formerly AH 351)
Prerequisite(s): (AH 101 or AH 1002) or (WGS 200 or WGS 1000)

AH 3800 - Museum Studies in Art History (4)
The study of the art museum, including an overview of the museum profession, management and care of collections, and the registration, conservation, exhibition and interpretation of art objects in a museum setting. The course format will include lectures and field trips. (Formerly AH 380)
Prerequisite(s): 16 credits in art history, of which at least 8 must be at the 3000-4000 level.

AH 3890 - Seminar in Art History (4)
Seminar in a specific area of art history. May be repeated in a subsequent semester on a different topic for credit, but may only be used once to satisfy a field category in the art history major. The subject area will determine the category. (Formerly AH 385)
Prerequisite(s): (AH 100 or AH 1001), (AH 101 or AH 1002) or (AH 104 or AH 1003) as appropriate for the seminar; (AH 200 or AH 2000) and permission of instructor.

AH 3900 - Special Topics in Art History (1 TO 4)
Specific topics in art history for which no regular course offerings exist. Topic will be announced before each offering. May be repeated for up to 8 credits. (Formerly AH 390)
Prerequisite(s): permission of instructor.

AH 3910 - Study Abroad in Art History (1 TO 4)
Specific topics and directed individual research in art history offered through International Education. Specific international program will be announced in the schedule of classes. (Formerly AH 395)
Prerequisite(s): permission of director of International Education.

AH 3915 - Directed Study Abroad in Art History (1 TO 4)
Directed individual research for art history majors who travel abroad to study art monuments. Topics must be approved by instructor before departure. May be repeated in a subsequent semester on a different topic for a total of up to 8 credits. (Formerly AH 396)
Prerequisite(s): permission of instructor.

AH 3920 - Readings in Art History (2)
Specific readings in art history, art criticism, connoisseurship and conservation. May be repeated in a subsequent semester on a different topic for a total of 4 credits. (Formerly AH 391)
Prerequisite(s): 16 credits in art history of which at least 8 must be at the 3000-4000 level and permission of instructor.

AH 3930 - Field Experience in Art History (4)
Field experience for art history majors under faculty supervision. An academic project that incorporates student performance in an occupational setting. May not be repeated for credit or taken by students who have received credit for (SA 399 or ART 4930). (Formerly AH 399)
Prerequisite(s): permission of instructor.

AH 3996 - Independent Research in Art History (4)
Independent research for art history majors. (Formerly AH 499)
Prerequisite(s): permission of instructor.

AH 4997 - College Teaching Apprenticeship (2 OR 4)
Supervised participation in teaching an undergraduate course in art history. Discussion of teaching objectives and methods. (Formerly AH 497)
Prerequisite(s): Permission of instructor.

AH 4998 - Senior Thesis in Art History I (4)
Part one of a two-semester sequence in methodology and directed individual research for art history majors, culminating in a capstone research and writing project and an oral presentation. Offered in sequential fall and winter semesters. (AH 495 or AH 4998) must be taken first. (Formerly AH 495). *Satisfies the university general education requirement for the capstone experience. Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. Prerequisite for writing intensive: completion of the university writing foundation requirement.*
Prerequisite(s): Senior standing, (AH 200 or AH 2000), and 28 credits of art history of which at least 12 must be at the 3000 level, and permission of instructor.

AH 4999 - Senior Thesis in Art History II (4)
Part two of a two-semester sequence in methodology and directed individual research for art history majors, culminating in a capstone research and writing project, and an oral presentation. Offered in sequential fall and winter semesters. (AH 495 or AH 4998) must be taken first. (Formerly AH 496). *Satisfies the university general education requirement for the capstone experience. Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. Prerequisite for writing intensive: completion of the university writing foundation requirement.*
Prerequisite(s): (AH 495 or AH 4998)

ART 1000 - Foundations of Visual Literacy (4)
In this analytical overview of the forms and uses of visual imagery, students will learn to think critically about the formal methods and cultural impact of contemporary art media. *Satisfies the university general education requirement in the arts knowledge exploration area. (Formerly SA 100*

ART 1002 - Foundations of Studio Art: 2D (4)
Hands-on course exploring the visual, physical, and social aspects of two-dimensional art forms with emphasis on the principles and application of design elements such as line, shape, texture, value, and color. (Formerly SA 102)

ART 1003 - Foundations of Studio Art: 3D (4)
Hands-on course exploring the visual, physical and social aspects of three-dimensional art forms with emphasis on the principle and application of design elements such as line, shape, plane, texture, mass, volume, light, space, and time. (Formerly SA 103)

ART 1004 - Foundations of Media Art (4)
Students explore the aesthetic, conceptual and technological transformations of media passing into, through and out of the digital domain. (Formerly SA 104)

ART 1130 - Graphic Design for Non-Majors (4)
Through observation and the building of graphic design skills, students with little or no experience explore the elements and fundamentals of the field. Cannot be used to fulfill any studio art or graphic design requirements for the major or minor. (Formerly SA 130)

ART 1150 - Drawing for Non-Majors (4)
Through observation and the building of basic drawing skills, students with little or no art experience explore the fundamentals of traditional drawing. Cannot be used to fulfill any studio art requirement for the studio art major or minor. *Satisfies the university general education requirement in the knowledge applications integration area. Prerequisite for knowledge applications integration: completion of the general education requirement in the arts knowledge exploration area. (Formerly SA 105)*

ART 1160 - Photography for Non-Majors (4)
Introduction to the technical, intellectual, inventive, and expressive possibilities of a broad range of traditional and non-traditional photographic processes. Cannot be used to fulfill any studio art requirements for the major or minor, but does fulfill a core requirement for majors in the studio art education K-12 degree program. *Satisfies the university general education requirement in the knowledge applications integration area. Prerequisite for knowledge applications integration: completion of the general education requirement in the arts knowledge exploration area. (Formerly SA 160)*

ART 1170 - Painting for Non-Majors (4)
Focus on technique and building of basic painting skills. Students with little or no art experience explore the fundamentals of painting. Cannot be used to fulfill any studio art requirements for the major or minor. (Formerly SA 107)

ART 2000 - Critical Theory and Practice in Art (4)
Analytical reading in critical art and cultural theory, combined with the practice of art, critical analysis, writing and lecturing about art. *Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly SA 200)*
Prerequisite(s): (AH 101 or AH 1002); may not be taken concurrent with (SA 491 or ART 4999).

ART 2100 - Beginning Drawing (4)
The fundamentals of drawing, through accurate observation of the physical world, are explored: tools, techniques, rendering linear perspective and chiaroscuro. (Formerly SA 201)
Prerequisite(s): (SA 102 or ART 1002).

ART 2300 - Beginning Painting (4)
Introduction to the technical, intellectual, inventive and expressing possibilities of oil painting on canvas. (Formerly SA 216)
Prerequisite(s): (SA 201 or ART 2100).

ART 2500 - Introduction to Sculpture (4)
Introduction to the technical, conceptual, and expressive possibilities of sculptural art forms and practice. (Formerly SA 203)

ART 3000 - Professional Practices and Portfolio Design (2)
Professional preparation in studio art, through portfolio design, writing for the visual arts, studio safety/environmental issues and the financial, legal and ethical aspects of careers in art. (Formerly SA 300)
Prerequisite(s): (SA 104 or ART 1004) and any 2000 level studio art class.

ART 3110 - Intermediate Drawing (4)
Building upon traditional perceptual drawing skills, class moves towards more conceptual and experimental issues and applications of drawing. (Formerly SA 301)
Prerequisite(s): (SA 201 or ART 2100).

ART 3120 - Life Drawing I (4)
Drawing from the life model, course focuses on the traditional practices of anatomical rendering. (Formerly SA 302)
Prerequisite(s): (SA 201 or ART 2100).

ART 3130 - Large Format Drawing (4)
Explores the formal, conceptual, expressive and dynamic possibilities of large-scale drawing. (Formerly SA 308)
Prerequisite(s): (SA 301 or ART 3110).

ART 3140 - Media Drawing (4)
Pushes the boundaries of traditional drawing by examining new methods of working and new and nontraditional materials, exploring cutting-edge of new media and contemporary art. (Formerly SA 310)
Prerequisite(s): (SA 301 or ART 3110).

ART 3190 - Advanced Drawing and Painting I (4)
Progression from assignment-based work to individualized bodies of artwork in drawing and painting, emphasizing personal expression, use of materials, and aesthetic critical theory. (Formerly SA 380)
Prerequisite(s): (SA 301 or ART 3110) or (SA 316 or ART 3310); may not be taken concurrent with (SA 480 or ART 4980).

ART 3210 - Video Art I (4)
Introduction to the creation of video as an art form from historical, conceptual, and practical perspectives. Thematic projects cover contemporary topics in video art. Screenings and articles are discussed to complement artistic production. (Formerly SA 268)
Prerequisite(s): (SA 104 or ART 1004).

ART 3220 - Video Art II (4)
A continuation of Video Art I with emphasis on individual development. Projects explore aesthetic and conceptual forms used in contemporary video art. Screenings and articles are discussed to complement artistic production. (Formerly SA 368)
Prerequisite(s): (SA 268 or ART 3210).

ART 3270 - Internet Art (4)
Utilizing the World Wide Web as their medium, students will create non/multilinear and interactive art pieces for public online access. Aesthetic and conceptual issues on the brief history of this medium are explored. (Formerly SA 370)
Prerequisite(s): (SA 104 or ART 1004).

ART 3290 - Advanced New Media (4)
Progression from assignment-based work to individualized bodies of artwork in new media emphasizing personal expression, aesthetic critical theory, experimentation and advanced digital skills. (Formerly SA 383)
Prerequisite(s): (SA 368 or ART 3220), (SA 370 or ART 3270).

ART 3310 - Intermediate Painting (4)
Focus on technique, perceptual development and personal expression. Accurate rendering in paint of proportion, volume and chiaroscuro is given precedence. (Formerly SA 316)
Prerequisite(s): (SA 216 or ART 2300).

ART 3320 - Life Painting I (4)
Focuses on objective study and formal construction of the figure using oil paint. Emphasis is placed upon accuracy and chiaroscuro. (Formerly SA 317)
Prerequisite(s): (SA 302 or ART 3120).

ART 3330 - Historic Painting Techniques I (4)
Study of the techniques of the Old Masters, focusing on the tools and methods of five hundred years of western painting, particularly oil glazes on panel, egg tempera on panel, fresco and oil on canvas. (Formerly SA 340)
Prerequisite(s): (AH 101or AH 1002) or (SA 102 or ART 1002).

ART 3350 - Historic Painting Techniques II (4)
Building on (ART 3330), class focuses on a particular epoch or artist for a more refined directed individual course of study. (Formerly SA 341)
Prerequisite(s): (SA 340 or ART 3330).

ART 3410 - Digital Imaging I (4)
Explores the digital photographic process (cameras, scanners, and digital manipulation) as tools to create conceptually relevant art. (Formerly SA 260)
Prerequisite(s): (SA 104 or ART 1004).

ART 3440 - Black and White Photography I (4)
Focus on the development of traditional photographic technique and the conceptual practice of photography as a fine art medium. (Formerly SA 350)
Prerequisite(s): (SA 104 or ART 1004).

ART 3460 - Digital Imaging II (4)
Building upon the digital photographic process, the course moves toward more conceptual, technical and experimental issues and application of photography. (Formerly SA 360)
Prerequisite(s): (SA 260 or ART 3410).

ART 3470 - Black and White Photography II (4)
Building upon traditional printing skills, course moves toward more conceptual, technical, and experimental issues and application of photography. (Formerly SA 362)
Prerequisite(s): (SA 350 or ART 3440).

ART 3490 - Advanced Photography (4)
Progression from assignment-based work to individualized bodies of artwork in photography emphasizing self-expression, use of materials, and aesthetic critical theory. (Formerly SA 381)
Prerequisite(s): (SA 260 or ART 3410), (SA 350 or ART 3440) and either (SA 360 or ART 3460) or (SA 362 or ART 3470).

ART 3500 - Sculpture (4)
Immersion into the technical, conceptual and expressive possibilities of sculptural art forms and practice.
Prerequisite(s): (SA 103 or ART 1003).

ART 3750 - Conceptual and Postmodern Art (4)
Advanced course explores the intellectual and expressive possibilities of conceptual and postmodern art through the creation of art that questions traditional modes of representation. (Formerly SA 375)
Prerequisite(s): (SA 268 or ART 3210), (SA 301 or ART 3110) or (SA 316 or ART 3310).

ART 3900 - Topics in Studio Art (4)
Specific topics in studio art for which no regular course offerings exist. Topic, instructor and prerequisite will be announced before each offering. May be repeated for 4 additional credits. (Formerly SA 392)
Prerequisite(s): permission of instructor.

ART 3910 - Directed Study Abroad in Studio Art (1 TO 4)
Directed individual research for studio art majors who travel abroad to study art monuments. Topic/creative activity must be approved by instructor before departure. May be repeated in a subsequent semester on a different topic for a total of up to 8 credits. (Formerly SA 396)
Prerequisite(s): permission of instructor.

ART 3911 - Study Abroad in Studio Art (4)
Specific topics and directed individual creative activity in studio art offered through the Center for International Programs. Specific international program will be announced in the schedule of classes. (Formerly SA 397)
Prerequisite(s): permission of Director of International Education.

ART 3950 - Projects in Studio Art (2)
Specific projects in studio art for which no regular offerings exist. May be repeated in a subsequent semester under a different instructor for a total of 4 credits. (Formerly SA 395)
Prerequisite(s): permission of instructor.

ART 4930 - Field Experience in Studio Art (4)
Field experience for studio art majors under faculty supervision. An academic project that incorporates student performance in an occupational setting. May not be repeated for credit or taken by students who have received credit for (AH 399 or AH 3930). (Formerly SA 399)
Prerequisite(s): permission of instructor.

ART 4980 - Advanced Drawing and Painting II (4)
In-depth individual study and group critique as students begin work on self-assigned projects as precursors to their student thesis work. (Formerly SA 480)
Prerequisite(s): (SA 380 or ART 3190); may not be taken concurrent with (SA 380 or ART 3190) or (SA 491 or ART 4999).

ART 4990 - Advanced Photography and New Media (4)
In-depth individual study and group critique as students begin work on self-assigned projects as precursors to their senior thesis artwork. (Formerly SA 482)
Prerequisite(s): (SA 381 or ART 3490) or (SA 383 or ART 3290).

ART 4996 - Independent Study in Studio Art (4)
Directed individual investigation of specific problems in the visual arts. May be repeated in a subsequent semester on a different topic for a total of 8 credits. (Formerly SA 495)
Prerequisite(s): permission of instructor.

ART 4997 - Apprentice College Teaching (2 OR 4)
Supervised participation in teaching an undergraduate course in studio art. Discussion of teaching objectives and methods. (Formerly SA 497)
Prerequisite(s): Permission of instructor.

ART 4999 - Senior Thesis in Studio Art (4)
Focusing on directed individual study, the student completes a coherent body of advanced art work, culminating in a thesis exhibition and thesis paper. *Satisfies the university general education requirement for the capstone experience. (Formerly SA 491)*
Prerequisite(s): senior standing, and either (SA 480 or ART 4980) or (SA 482 or ART 4990), and permission of instructor.

DES 1130 - Foundations of Graphic Design (4)
Exploration of the professional practice of graphic design as an applied art form. Emphasis will be placed on image, text, and grid system structures. Students will be introduced to graphic design history and theory. (Formerly DES 130)
Prerequisite(s): (SA 102 or ART 1002) and (SA 104 or ART 1004)

DES 2230 - Graphic Design I (4)
Conceptual and technical approaches to graphic design. Print-specific assignments will address concept through basic applied practices of print/digital production. (Formerly DES 230)
Prerequisite(s): (DES 130 or DES 1130) with a grade of 2.8 or higher.

DES 3330 - Graphic Design II (4)
Branding and identity class. Through independent and group case studies and design projects, students will explore solutions for developing effective and meaningful identity systems. (Formerly DES 350)
Prerequisite(s): (DES 230 or DES 2230) with a grade of 2.8 or higher.

DES 3340 - Web Design I (4)
Aesthetics, methodologies, and tools of web design. Students will learn to balance technical skills with artistic skills to create web pages that are conceptually interesting, easily navigable, visually pleasing, and functional. (Formerly DES 330)
Prerequisite(s): (DES 130 or DES 1130) with a grade of 2.8 or higher.

DES 3345 - Web Design II (4)
Advanced web page design techniques including scripting and site design issues such as scalability, maintenance, and integration of web technologies into business and organizational context. (Formerly DES 355)
Prerequisite(s): (DES 330 or DES 3340) with a grade of 2.8 or higher.

DES 3350 - Typography (4)
Exploration of typography as used in applied and fine art forms through traditional hands-on and digital design assignments. Emphasis placed on type as form. (Formerly DES 335)
Prerequisite(s): (DES 130 or DES 1130) with a grade of 2.8 or higher.

DES 3360 - Motion Graphics (4)
Exploration of conceptual and technical approaches to motion graphics. Emphasis will be placed on text, object, and the interaction between the two over time. (Formerly DES 360)
Prerequisite(s): (DES 335 or DES 3350) with a grade of 2.8 or higher.

DES 3370 - Digital Illustration in Graphic Design (4)
Study of illustration concepts and techniques through lectures and studio assignments. May include both traditional mediums and digital illustration assignments. (Formerly DES 325)
Prerequisite(s): (DES 230 or DES 2230)

DES 3380 - Community Design (4)
Creation of quality design concepts for non-profit organizations. Students will work in teams to pitch ideas, develop designs and follow design concepts through to production as if part of an operational graphic design studio. (Formerly DES 385)
Prerequisite(s): (DES 230 or DES 2230) and (DES 335 or DES 3350), each with a grade of 2.8 or higher.

DES 3390 - Package Design (4)
In-depth look at the design, production, evaluation, and analysis of various types of packaging. Creative solutions for package design, three-dimensional mock-ups and models, material restrictions and limitations. (Formerly DES 395)
Prerequisite(s): (DES 350 or DES 3390) with a grade of 2.8 or higher.

DES 3900 - Special Topics in Graphic Design (4)
Current issues and contemporary approaches in the areas of graphic design for which no regular course offerings exist. Topic, Instructor and prerequisite will be announced before each offering. May be repeated for 4 additional credits under different subtitle. (Formerly DES 390)

DES 3950 - Internship in Design (4)
Field experience for design majors under faculty supervision. An academic project that incorporates student performance in an occupational setting. (Formerly DES 399)
Prerequisite(s): Junior/Senior standing; 16 credits in graphic design, of which at least 8 must be at the 3000-4000 level; permission of instructor.

DES 4430 - Graphic Design III (4)
Process of creating professional-level design work, from written concept brief through finished design package. (Formerly DES 480)
Prerequisite(s): (DES 330 or DES 3340) and (DES 350 or DES 3330)

DES 4999 - Senior Thesis in Graphic Design (4)
Directed individual study requiring development of a coherent package of advanced graphic design work, culminating in a thesis exhibition and thesis paper. *Satisfies the university general education requirement for the capstone experience. (Formerly DES 491)*
Prerequisite(s): (DES 360 or DES 3360) and (DES 480 or DES 4430) and permission of instructor.

Biochemistry Program

Program Website

Coordinator: *Sanela Martic (Chemistry)*

Biochemistry Committee: *Sitaramayya Ari (Chemistry), Chabi Govind (Biological Sciences), Anne Hitt (Biological Sciences), Zijuan Liu (Biological sciences), Sanela Martic (Chemistry), Mi Hye Song (Biological Sciences), Colin Wu (Chemistry)*

This interdepartmental program offers a Bachelor of Science degree with a major in biochemistry. The biochemistry program is based on faculty resources and research facilities in the departments of Biological Sciences and Chemistry. The curriculum is designed to prepare students for a career in biochemical research, graduate study in biochemistry or molecular biology, or professional education in medicine, dentistry or other health sciences.

Undergraduate students in the biochemistry program have access to faculty research laboratories and are encouraged to participate in various ongoing research programs such as studies in metabolism, gene expression, neurodegeneration, cancer research, hormone action, immunochemistry, molecular biology, molecular genetics and macromolecular structure.

The minimum requirement for a B.S. in biochemistry is 124 credits, including coursework in biological sciences (16 credits), chemistry (32 credits) and biochemistry (12 credits). No more than 8 credits of course work used to fulfill the requirements of a major or minor in biology may be used to fulfill the requirements of a major in biochemistry. Courses used to fulfill the requirements for a major in biochemistry may not be used simultaneously to fulfill the requirements for a major or minor in chemistry.

Admission to major standing

Students may apply for major standing after completion of 18 credits of chemistry and at least 8 credits of biology from the requirements listed below, with a grade point average (GPA) of at least 2.50 in those courses. The biochemistry committee must approve major standing and a detailed plan of study at least three semesters prior to graduation.

Program honors

Program honors may be granted to graduating seniors in biochemistry on the basis of high academic achievement (minimum 3.60 overall grade point average) and excellence in biochemical research at Oakland University.

Pre-medical studies concentration: medicine, dentistry, optometry and veterinary medicine

The Bachelor of Science degree with a major in biochemistry provides students with all the requirements for a pre-medical studies concentration. The Bachelor of Science degree and the Bachelor of Arts degree with a major in chemistry provide students with all the requirements for a pre-medical

studies concentration with the exception of five courses in biology/biochemistry that must be completed. Students interested in a medical career should refer to the pre-medical studies concentration in medicine, dentistry, optometry and veterinary medicine (Other Academic Options) and consult with the biology or biochemistry adviser.

Biochemistry, B.S.

Coordinator: *Sanela Martic (Chemistry)*

Biochemistry Committee: *Sitaramayya Ari (Chemistry), Chabi Govind (Biological Sciences), Anne L. Hitt (Biological Sciences), Zijuan Liu (Biological Sciences), Sanela Martic (Chemistry), Colin Wu (Chemistry)*

This interdepartmental program offers a Bachelor of Science degree with a major in biochemistry. The biochemistry program is based on faculty resources and research facilities in the departments of Biological Sciences and Chemistry. The curriculum is designed to prepare students for a career in biochemical research, graduate study in biochemistry or molecular biology, or professional education in medicine, dentistry or other health sciences.

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Admission to Major Standing
Students may apply for major standing after completion of 18 credits of chemistry and at least 8 credits of biology from the requirements listed below, with a grade point average (GPA) of at least 2.50 in those courses. The biochemistry committee must approve major standing and a detailed plan of study at least three semesters prior to graduation.

Requirements for the Bachelor of Science degree in biochemistry

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Students wishing to select the biochemistry major should prepare a detailed plan of study in consultation with a member of the Biochemistry Committee. To earn the Bachelor of Science degree with a major in biochemistry, students must complete:

1. Required biology courses

- BIO 1200 - Biology I **(4)**
- BIO 1300 - Biology II **(4)**

2. Eight or more credits of biology chosen in consultation with the biochemistry program coordinator from the following courses

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- BIO 3210 - Biology of the Cell **(4)**
- BIO 3211 - Biology of the Cell Laboratory **(1)**
- BIO 3500 - General Microbiology **(4)**
- BIO 3501 - General Microbiology Laboratory **(1)**
- BIO 3620 - Medical Physiology **(4)**
- BIO 3621 - Physiology Laboratory **(1)**
- BIO 3130 - Developmental Biology **(4)**
- BIO 3400 - Genetics **(4)**
- Other appropriate courses may be approved on an individual basis.

3. Required chemistry courses

- CHM 1440 - General Chemistry I **(4)** and CHM 1470 - General Chemistry Laboratory I **(1)**
- CHM 1450 - General Chemistry II **(4)** and CHM 1480 - General Chemistry Laboratory II **(1)**
- CHM 2340 - Organic Chemistry I **(4)**
- CHM 2350 - Organic Chemistry II **(4)**
- CHM 2370 - Organic Chemistry Laboratory **(2)**
- CHM 3250 - Analytical Chemistry **(4)**
- CHM 3420 - Physical Chemistry I **(4)**
- CHM 3430 - Physical Chemistry II **(4)**

4. Required biochemistry courses

- BCM 4254 - Biochemistry I **(3)**
- BCM 4256 - Biochemistry II **(3)**
- BCM 4257 - Biochemistry Laboratory **(3)**

And additional credits selected from the following courses

- BIO 4230 - Cellular Biochemistry **(4)**
- BIO 4210 - Molecular Biology **(4)**
- BIO 4400 - Advanced Genetics **(4)**
- BIO 4530 - Medical Microbiology **(4)**
- BIO 4226 - Immunology **(4)**
- BIO 4511 - Microbial Biotechnology **(4)**
- BIO 4412 - Functional Genomics and Bioinformatics **(4)**
- BIO 4340 - Principles of Evolutionary Medicine **(4)**
- BIO 4402 - Human Genetics **(4)**
- CHM 4120 - Atmospheric Chemistry **(3)**
- CHM 4130 - Environmental Aquatic Chemistry **(3)**
- CHM 4580 - Biochemistry Projects **(2)**
- CHM 5530 - Advanced Biochemistry **(3)**
- CHM 5902 - Topics in Biochemistry **(3)**
- CHM 5810 - Biochemical Toxicology **(3)**
- BCM 4995 - Biochemistry Research **(1 TO 4)**
- Other appropriate courses may be approved on an individual basis.

5. Corequisites

- MTH 1554 - Calculus I **(4)**
- MTH 1555 - Calculus II **(4)**
- PHY 1510 - Introductory Physics I **(4)** and PHY 1100 - General Physics Lab I **(1)**
- PHY 1520 - Introductory Physics II **(4)** and PHY 1110 - General Physics Lab II **(1)**

6. Admission to major standing at least three semesters prior to graduation

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Students may apply for major standing after completion of 18 credits of chemistry and at least 8 credits of biology, with a grade point average (GPA) of 2.50 in those courses. The biochemistry committee must approve major standing and a detailed plan of study at least three semesters prior to graduation.

Recommended electives

- STA 2226 - Applied Probability and Statistics **(4)**
- CHM 2200 - Introduction to Computational Chemistry **(2)**

Pre-medical studies concentration: medicine, dentistry, optometry and veterinary medicine

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The Bachelor of Science degree with a major in biochemistry provides students with all the requirements for a pre-medical studies concentration. The Bachelor of Science degree and the Bachelor of Arts degree with a major in chemistry provide students with all the requirements for a pre-medical studies concentration with the exception of five courses in biology/biochemistry that must be completed. Students interested in a medical career may also refer to the pre-medical studies concentration in medicine, dentistry, optometry and veterinary medicine (see Other Academic Options of catalog) and consult with the biology or biochemistry adviser and with the College of Arts and Science Advising Office or a Department of Biological Sciences Adviser.

The department offers selected courses from this catalog as warranted by student needs and faculty availability.

Course Descriptions

BCM 4254 - Biochemistry I (3)
First course in a comprehensive biochemistry sequence. Structure and function of proteins, carbohydrates and lipids. Enzyme mechanisms, kinetics and regulation. Bioenergetics and catabolism. Identical with (CHM 453 or CHM 4254). (Formerly BCM 453)
Prerequisite(s): (CHM 235 or CHM 2350)

BCM 4256 - Biochemistry II (3)
Metabolic pathways and control. Nucleic acid structure, function and processing, including regulation of gene expression. Selected topics in molecular physiology. Identical with (CHM 454 or CHM 4256). (Formerly BCM 454)
Prerequisite(s): (BCM 453 or BCM 4254) or (CHM 453 or CHM 4254)

BCM 4257 - Biochemistry Laboratory (3)
Techniques of extraction, separation, identification and quantification of proteins and DNA including electrophoresis and various forms of chromatography; study of enzyme kinetics and regulation of catalytic activity; molecular biology methods including cloning, polymerase chain reaction, site-directed mutagenesis and expression and analysis of mutated proteins. Emphasis placed on mathematical treatment of experimental data. Identical with (CHM 457 or CHM 4257). (Formerly BCM 457). *Satisfies the university general education requirement for the capstone experience. Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive; completion of the university writing foundation requirement.*
Prerequisite(s): (BCM 453 or BCM 4254) or (CHM 453 or CHM 4254), which may be taken concurrently

BCM 4950 - Biotechnology Internship (2 TO 4)
The application of biochemical principles and methods in an off-campus technical setting that has been pre-approved by program committee. Does not count toward major credit. Graded S/U. May be repeated for a maximum of 6 credits. (Formerly BCM 489)
Prerequisite(s): (BCM 453 or BCM 4254), approved major standing and permission of instructor.

BCM 4995 - Biochemistry Research (1 TO 4)
Laboratory experience in biochemical research requiring at least four hours of work per week per credit. May be repeated for credit. Graded S/U or numerically by written arrangement with faculty research mentor. Graded option requires a written report of research accomplishments and is limited to a total of 4 credits. (Formerly BCM 490)
Prerequisite(s): permission of instructor.

Department of Biological Sciences

375 DODGE HALL
(248) 370-3550
Fax: (248) 370-4225

Department Website

Chairperson: *Arik Dvir*

Professors emeriti: *Francis M. Butterworth, John D. Cowlishaw, George J. Gamboa, Esther M. Goudsmit, R. Douglas Hunter, Charles B. Lindemann, Virinder K. Moudgil, Ashish C. Nag, John R. Reddan, Nalin J. Unakar*

Professors: *G. Rasul Chaudhry, Sheldon R. Gordon, Shailesh K. Lal*

Associate professors: *Amy Banes-Berceli, Keith A. Berven, Arik Dvir, Chhabi Govind, Feona M. Hansen, Anne L. Hitt, Lan Jiang, Shailesh K. Lal, Zijuan Liu, Gerard Madlambayan, Scott Tiegs, Satish K. Walia, Douglas L. Wendell*

Assistant professors: *Fabia U. Battistuzzi, Sara Blumer-Schuette, Mary Jamieson, Thomas R. Raffel, Sang Rhee, Mi Hye Song, Luis G. Villa-Diaz, Randal Westrick*

Adjunct associate professors: *Mary Tracy-Bee, Sumit Dinda, Andrew F. X. Goldberg, Howard A. Klausner*

Adjunct assistant professors: *Sarah Hosch, Ashok Kumar, Mark A. Sturtevant*

Special instructors: *Mary Ann Bednarski, Mary E. Craig, Michael O'Regan, Jonathan F. Yates*

Special lecturers: *Subha Bhaskaran, Thomas G. Fishwild, Holly Greiner-Hallman, Janell Hallauer, Christopher Kauhn, Gary Miller, Ann Sturtevant*

Lecturers: *Jonathan Bartkus, Gerard R. Jozwiak, Andrea Moyer, Stacey Wensink*

Chief adviser*: Sarah Hosch*

The Department of Biological Sciences offers several undergraduate programs of study leading to a Bachelor of Arts degree in biology and the Bachelor of Science degrees in biology, biomedical sciences, biochemistry, and bioengineering. These undergraduate programs prepare students for graduate study in the life sciences in areas ranging from cell and molecular biology to ecology and environmental sciences; professional careers in medicine, dentistry, optometry or veterinary medicine; laboratory work and research in industries concerned with biological materials; nursing or other allied health areas; or teaching science in high school. For information on graduate study within the department, see the *Oakland University Graduate Catalog*.

The department's academic programs benefit from a diversified selection of courses and research opportunities in biochemistry, bioinformatics, botany, cell and molecular biology, developmental biology, ecology, evolutionary biology, genetics, microbiology, morphology, physiology, immunology and zoology. Students select courses that suit their goals and interests. Students may apply to participate in the research laboratories of individual faculty members for which they may receive course credit (BIO 4995). Many such students appear as co-authors on scientific publications as a result of the work in which they participated. Such opportunities are of particular value to students preparing for graduate study or research positions. High school students intending to major in biological sciences should refer to the Admissions section of the catalog for specific preparation requirements. All biology prerequisite courses must be completed with a minimum grade of 2.0 or higher.

Requirements for Departmental Honors in Biology and Biomedical Sciences

Departmental honors may be granted to students who have been nominated by a faculty member on the basis of high academic achievement and excellence in either independent research or teaching assistance.

The specific requirements are:

1. 3.20 grade point average (GPA) minimum overall and 3.50 GPA minimum in BIO courses,
2. at least one 4000-level BIO lecture course (BIO 3920, BIO 4995, BIO 4970, BIO 4972 and BIO 4997 do not qualify),
3. excellence in one of the following two service roles:
    a. assisting in teaching a laboratory course(s) either for pay or credit
    b. performing independent laboratory study or serving as a laboratory research assistant.

Programs

- Biology, B.S.
- Biology, B.A.
- Biomedical Sciences, B.S.
- Biochemistry, B.S.
- Bioengineering, B.S.
- Biological Sciences, STEP
- Biology Secondary Teaching Minor
- Biology Minor

Biology, B.S.

Requirements for the major in biology, B.S. program

This curriculum is designed for students who wish to pursue a career in the sciences, including medicine and health-related fields. A minimum of 52 credits in biology (excepting BIO 1000, 1002, 1004, 1006 and 3000) is required, including at least ten lecture courses and a minimum of five BIO laboratory courses. Students must complete:
1. Required core courses

- BIO 1200 - Biology I (4)
- BIO 1300 - Biology II (4)
- BIO 1201 - Biology Laboratory (1)
- BIO 3232 - Biochemistry I (4)
- BIO 3400 - Genetics (4)
- BIO 3340 - Evolutionary Biology (4)
- BIO 4970 - Scientific Inquiry and Communication (4)

2. One course from each of the following areas

Cell-Molecular/Biomedical

- BIO 3210 - Biology of the Cell (4)
- BIO 3500 - General Microbiology (4)
- BIO 3620 - Medical Physiology (4)
- BIO 3130 - Developmental Biology (4)
- BIO 4210 - Molecular Biology (4)

Systems Biology

- BIO 3312 - Field Botany (4)
- BIO 3320 - Vertebrate Zoology (5)
- BIO 3322 - Marine Biology (4)
- BIO 3330 - Ecology (5)

- BIO 3332 - Field Biology (4)
- BIO 3334 - Botany (4)
- BIO 3350 - Animal Behavior (4)
- BIO 4320 - Medical Parasitology (4)
- BIO 4330 - Stream Ecology (3)
- BIO 4333 - Tropical Field Ecology (3)

Systems Physiology

- BIO 2600 - Human Physiology (4)
- BIO 2640 - Comparative Physiology (4)
- BIO 2650 - Plant Physiology (4)

3. Three additional biology elective courses, two of which must be 4000-level lecture courses

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Note: BIO 3920,BIO 4930, BIO 4932, BIO 4995, BIO 4970 and BIO 4997 do not satisfy this requirement for a 400-level lecture course but may be used to fulfill additional biology elective credits.
4. Four biology laboratory courses at the 3000 level or above.

Note: BIO 2101 does not fulfill this requirement. BIO 3361 and BIO 4995 may only count toward one lab requirement, even if taken multiple times..
5. Chemistry requirements

- CHM 1440 - General Chemistry I (4) and CHM 1470 - General Chemistry Laboratory I
- CHM 1450 - General Chemistry II (4) and CHM 1480 - General Chemistry Laboratory II
- CHM 2340 - Organic Chemistry I (4)

Plus one of the following

- CHM 2350 - Organic Chemistry II (4) and CHM 2370 - Organic Chemistry Laboratory (2) or
- CHM 2200 - Introduction to Computational Chemistry (2) and CHM 3250 - Analytical Chemistry (4)

6. Physics requirements

- PHY 1010 - General Physics I (4) or PHY 1510 - Introductory Physics I
- PHY 1100 - General Physics Lab I (1)
- PHY 1020 - General Physics II (4) or PHY 1520 - Introductory Physics II

- PHY 1110 - General Physics Lab II (1)

7. Mathematics requirements (up to 8 credits)

- MTH 1441 – Precalculus (4)
- MTH 1222 - Calculus for the Social Sciences (4) or MTH 1554 - Calculus I
- *(or course competency as determined by the Department of Mathematics and Statistics)*

8. Four credits of statistics

- STA 2222 - Statistical Methods for Biology (4)

Note

Corresponding lecture and lab courses should normally be taken simultaneously. Note that some courses have incorporated labs into lecture credit while other labs are given separate credit.
Students using this catalog to meet biology B.S. major requirements may also use any course subsequently approved as satisfying requirements in the cell-molecular/biomedical and systems biology elective areas and published in a later catalog.

Requirements for a modified major in biology (B.S.) with a specialization in anatomy

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Adviser: *Mary E. Craig*
Students considering a career in the many aspects of the medical fields as well as anatomical teaching, may elect this specialization in their sophomore year. The selection of all courses should be planned in consultation with the adviser.
Biology courses required for the anatomy specialization include

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- BIO 2100 - Human Anatomy (4)
- BIO 2101 - Human Anatomy Laboratory (1)
- BIO 4100 - Advanced Visceral Human Anatomy (4)
- BIO 4111 - Advanced Regional Dissection (2)
- BIO 4120 - Neuroanatomy (4)

And one of the following electives

- BIO 3140 - Histology (4) with BIO 3141 - Histology Laboratory (1)
- BIO 3320 - Vertebrate Zoology (5)
- BIO 4112 - Advanced Musculoskeletal Human Anatomy (4)

Requirements for a modified major in biology (B.S.) with a specialization in cell-molecular biology

Adviser: *Lan Jiang*
Students considering a career in cell biology, biotechnology or molecular biology may elect this specialization in their sophomore year. The selection of all courses should be planned in consultation with the adviser.
Biology courses required are

- BIO 3210 - Biology of the Cell (4)
- BIO 3211 - Biology of the Cell Laboratory (1)
- BIO 3500 - General Microbiology (4)
- BIO 3501 - General Microbiology Laboratory (1)
- BIO 3233 - Biochemistry I Laboratory (1)
- BIO 3401 - Genetics Laboratory (1)
- BIO 4210 - Molecular Biology (4)
- BIO 4232 - Biochemistry II (4) or BIO 4510 - Virology

Requirements for a modified major in biology (B.S.) with a specialization in microbiology

Adviser: *Sara Blumer-Schuette*
Students considering a career in biotechnology, microbiology technology and research may elect this specialization in their sophomore or junior year. The selection of all courses should be planned in consultation with the adviser.
Biology courses required for the microbiology specialization are

- BIO 3500 - General Microbiology (4)
- BIO 3501 - General Microbiology Laboratory (1)
- BIO 4530 - Medical Microbiology (4)
- BIO 4510 - Virology (4)

And one of the following electives

- BIO 4210 - Molecular Biology (4)
- BIO 4226 - Immunology (4)
- BIO 4511 - Microbial Biotechnology (4)
- BIO 4412 - Functional Genomics and Bioinformatics (4)

Additional information
In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts and Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

Concentration in pre-medical studies: medicine, dentistry, optometry and veterinary medicine

Pre-professional adviser: Carmen Gamlin

Committee: Gennie Anderson (School of Health Sciences), Amy Banes-Berceli (Biological Sciences), Sharise Calhoun (Admissions), Ashley Cerku (Writing Center), Shannon Esselink (College of Arts and Sciences Advising), Christina Grabowski (School of Medicine), Sarah Hosch (Biological ciences), Anne Hitt (College of Arts and Sciences), Nessan Kerrigan (Chemistry), Kristin Landis-Piwowar (School of Health Sciences), Amanda Lynch (School of Health Sciences), Denise McConkey (Career Services), Sandra Powell (Honors College), Jonathan Reusch (Career Services), Brad Roth (Physics), Ann Selva (College of Arts and Sciences), Mohammad Siadat (Computer Science and Engineering), Michelle Southward (School of Health Sciences), Kristin Thompson (School of Health Sciences), Keith Williams (Psychology)
Academic Advising: Interested students should consult with the Pre-Medical Advising Office, the College of Arts and Sciences Advising Office or a Department Biological Sciences faculty adviser for counseling and assistance in planning their academic programs.
The concentration in pre-medical studies is intended for students who wish to pursue careers in medicine, dentistry, optometry or veterinary medicine. The Bachelor of Science degree with a major in biology provides students with all the requirements for a concentration in pre-medical studies. Students in the Bachelor of Arts degree program will need to complete two semesters of organic chemistry and laboratory in addition to their other science requirements. Students are expected to complete a concentration consisting of the following:

1. At least 24-25 credits of biology
Includes some laboratories and the required biology sequence (BIO 1200, BIO 1300, BIO 1201) and at least three of the following

Cell Biology
- BIO 3210 - Biology of the Cell (4)
- BIO 3211 - Biology of the Cell Laboratory (1)

Genetics
- BIO 3400 - Genetics (4)
- BIO 3401 - Genetics Laboratory (1)

Physiology
- BIO 2600 - Human Physiology (4)

or
- BIO 3620 - Medical Physiology (4) and BIO 3621 - Physiology Laboratory (1)

Biochemistry
- BIO 3232 - Biochemistry I (4) or CHM 4254 - Biochemistry I (3)
- BIO 3233 - Biochemistry I Laboratory (1) or CHM 4257 - Biochemistry Laboratory (3)
- BIO 4232 - Biochemistry II (4) or CHM 4250 - Biochemistry II (3)

Developmental biology
- BIO 3130 - Developmental Biology (4)

Microbiology
- BIO 3500 - General Microbiology (4)
- BIO 3501 - General Microbiology Laboratory (1)

2. Chemistry requirements
- CHM 1440 - General Chemistry I (4) and CHM 1470 - General Chemistry Laboratory I(1)
- CHM 1450 - General Chemistry II (4) and CHM 1480 - General Chemistry Laboratory II (1)
- CHM 2340 - Organic Chemistry I (4)
- CHM 2350 - Organic Chemistry II (4)
- CHM 2370 - Organic Chemistry Laboratory (2)

3. Physics requirements
- PHY 1010 - General Physics I (4) or PHY 1510 - Introductory Physics I(4)
- PHY 1100 - General Physics Lab I (1)
- PHY 1020 - General Physics II (4) or PHY 1520 - Introductory Physics II (4)
- PHY 1110 - General Physics Lab II (1)

4. Mathematics requirements

MTH 1441 – Precalculus (4) (or course competency as determined by the Department of Mathematics and Statistics)

Plus one of the following

- MTH 1222 - Calculus for the Social Sciences (4)
- MTH 1554 - Calculus I (4)
- STA 2220 - Introduction to Statistical Concepts and Reasoning (4)
- STA 2226 - Applied Probability and Statistics (4)
- STA 2222 - Statistical Methods for Biology (4)

Note
Pre-optometry concentration students must take 12 credits of mathematics including one statistics course (STA 2220, STA 2226, or STA 2222). Pre-medical concentration students are advised to take two courses in the behavioral/social sciences (PSY 1000 and SOC 1000 recommended) and one in ethics (PHL 1300 or PHL 1310 recommended).
Additional information
The concentration provides the minimum requirements for admission to various medical, osteopathic, dental, optometry and veterinary schools, and provides the necessary background for the science portion of the standardized aptitude tests: medical (MCAT), dental (DAT), optometry (OAT) and veterinary (VCAT or GRE). This concentration does not constitute a major. Students must elect a major from those offered by the university.

Biology, B.A.

Requirements for the liberal arts major in biology, B.A. program

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This curriculum is designed for students intending to incorporate a biology major into a broader liberal arts program in pursuit of careers in technical fields or business or postgraduate study. Students in the B.A. curriculum who wish to apply to medical or dental schools are advised to complete the concentration in pre-medical studies: medicine, dentistry, optometry and veterinary medicine.
A minimum of 42 credits in biology (excepting BIO 1000, 1002, 1004, 1006, and 3000) is required, including at least nine lecture courses and a minimum of four BIO laboratory courses. Students must complete:
1. Required core courses

- BIO 1200 - Biology I (4)
- BIO 1300 - Biology II (4)

- BIO 1201 - Biology Laboratory (1)
- BIO 3232 - Biochemistry I (4) or BIO 3230 - Fundamentals of Biochemistry (4)
- BIO 3400 - Genetics (4)
- BIO 3340 - Evolutionary Biology (4)
- BIO 4970 - Scientific Inquiry and Communication (4)

2. One course from each of the following areas

Cell-Molecular/Biomedical

- BIO 3210 - Biology of the Cell (4)
- BIO 3500 - General Microbiology (4)
- BIO 3620 - Medical Physiology (4)
- BIO 3130 - Developmental Biology (4)
- BIO 4210 - Molecular Biology (4)

Systems Biology

- BIO 3312 - Field Botany (4)
- BIO 3320 - Vertebrate Zoology (5)
- BIO 3322 - Marine Biology (4)
- BIO 3330 - Ecology (5)
- BIO 3332 - Field Biology (4)
- BIO 3334 - Botany (4)
- BIO 3350 - Animal Behavior (4)
- BIO 4320 - Medical Parasitology (4)
- BIO 4330 - Stream Ecology (3)
- BIO 4333 - Tropical Field Ecology (3)

3. Two additional biology elective courses, one of which must be a 4000-level lecture course

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Note: BIO 3920, BIO 4930, BIO 4932, BIO 4995, BIO 4970 and BIO 4997 do not satisfy this requirement.
4. Three biology laboratory courses at the 3000 level or above

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Note: One course may be BIO 4995 - Independent Research. BIO 3361 and BIO 4995 may only count toward one laboratory requirement, even if taken multiple times. BIO 2101 does not fulfill this requirement.

5. Chemistry requirements

- CHM 1440 - General Chemistry I (4) and CHM 1470 - General Chemistry Laboratory I
- CHM 1450 - General Chemistry II (4) and CHM 1480 - General Chemistry Laboratory II
- CHM 2340 - Organic Chemistry I (4)

6. Physics requirements

- PHY 1010 - General Physics I (4) or PHY 1510 - Introductory Physics I
- PHY 1100 - General Physics Lab I (1)
- PHY 1020 - General Physics II (4) or PHY 1520 - Introductory Physics II
- PHY 1110 - General Physics Lab II (1)

7. Mathematics requirement

- MTH 1441 – Precalculus (4) (or course competency as determined by the Department of Mathematics and Statistics)

8. Statistics requirement

- STA 2222 - Statistical Methods for Biology (4)

Note

Corresponding lecture and lab courses should normally be taken simultaneously. Note that some courses have incorporated labs into lecture credit while other labs are given separate credit.
Students using this catalog to meet biology B.A. major requirements may also use any course subsequently approved as satisfying requirements in the cell-molecular/biomedical and systems biology elective areas and published in a later catalog.
Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts and Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

Biomedical Sciences, B.S.

Requirements for the major in biomedical sciences, B.S. program

Adviser: Amy Banes-Berceli (Biological Sciences)

The biomedical sciences major at Oakland University is designed to provide excellent preparation for accomplished undergraduates students who: 1) plan on continuing education towards a medical professional degree (MD, DO, PA, DVM, etc.) or 2) are interested in pursuing a graduate degree (MS, PhD) leading to a research career in human biology. This major integrates a multitude of core disciplines and provides students with a comprehensive foundation in biology and other basic sciences. The course work also includes requirements in psychology, ethics, and social sciences, which complement the basic sciences for specialization areas in which human interaction is a significant component. A balance between theoretical and practical experience and an emphasis on integrative biology are key elements to the biomedical sciences major. Satisfactory completion of the program requires a minimum grade point average of 3.0 in the core courses.

Admission to major standing

Students will be admitted to the program upon completing BIO 1200 and CHM 1440 and 1470 with a combined grade point average (GPA) of 3.5 and declaring the major.

Course requirements

To earn the degree of Bachelor of Science with a major in biomedical science, students must complete a minimum of 116 credits including the core courses and 14 credits from the list of program elective courses.

Core courses

- BIO 1200 - Biology I (4)
- BIO 2100 - Human Anatomy (4)
- BIO 2101 - Human Anatomy Laboratory (1)
- BIO 2600 - Human Physiology (4)
- BIO 3520 - Introduction to Human Microbiology (4)
- BIO 3521 - Human Microbiology Laboratory (1)
- BIO 3210 - Biology of the Cell (4)
- BIO 3621 - Physiology Laboratory (1)
- BIO 3232 - Biochemistry I (4) or BCM 4254 - Biochemistry I (3)

- BIO 4226 - Immunology (4)
- BIO 4340 - Principles of Evolutionary Medicine (4)
- BIO 4234 - Biochemistry of Metabolism and Disease (4) or BCM 4256 - Biochemistry II (3)
- BIO 4402 - Human Genetics (4)
- BIO 4629 - Scientific Inquiry (1)
- BIO 4660 - Integrative Pharmacology (4)
- BIO 4972 - Integrative Biomedicine and Disease (4)
- MTH 1554 - Calculus I (4) *(or course competency as determined by the Department of Mathematics and Statistics)*
- STA 2222 - Statistical Methods for Biology (4)
- PHY 1510 - Introductory Physics I (4) and PHY 1100 - General Physics Lab (1)
- PHY 1520 - Introductory Physics II (4) and PHY 1110 - General Physics Lab II(1)
- CHM 1440 - General Chemistry I (4) and CHM 1470 - General Chemistry Laboratory I (1)
- CHM 1450 - General Chemistry II (4) and CHM 1480 - General Chemistry Laboratory II (1)
- CHM 2340 - Organic Chemistry I (4)
- CHM 2350 - Organic Chemistry II (4)
- CHM 2370 - Organic Chemistry Laboratory (2)
- PHL 1300 - Introduction to Ethics (4) or PHL 3500 – Bioethics (4) or HS 4500 - Law, Values and Health Care (4)
- PSY 1000 - Introduction to Psychology (4)
- PSY 2500 - Research Design in Psychology (4) or SOC 1000 - Introduction to Sociology (4)

Program electives (14 credits)

- BCM 4995 - Biochemistry Research (1 TO 4)
- BIO 3130 - Developmental Biology (4)
- BIO 3220 - Neurobiology (4)
- BIO 3140 - Histology (4)
- BIO 3141 - Histology Laboratory (1)
- BIO 3233 - Biochemistry I Laboratory (1)

- BIO 3401 - Genetics Laboratory (1)
- BIO 3620 - Medical Physiology (4)
- BIO 3662 - Neuropharmacology (4)
- BIO 4100 - Advanced Visceral Human Anatomy (4)
- BIO 4111 - Advanced Regional Dissection (2)
- BIO 4112 - Advanced Musculoskeletal Human Anatomy (4)
- BIO 4120 - Neuroanatomy (4)
- BIO 4210 - Molecular Biology (4)
- BIO 4220 - Cell Biology of Cancer (4)
- BIO 4230 - Cellular Biochemistry (4)
- BIO 4320 - Medical Parasitology (4)
- BIO 4400 - Advanced Genetics (4)
- BIO 4412 - Functional Genomics and Bioinformatics (4)
- BIO 4510 - Virology (4)
- BIO 4530 - Medical Microbiology (4)
- BIO 4620 - Advanced Human Physiology (4)
- BIO 4622 - Endocrinology (4)
- BIO 4995 - Independent Research (1 TO 4)
- PSY 2250 - Introduction to Life-Span Developmental Psychology (4)
- PSY 3180 - Biological Psychology (4)
- PSY 3410 - Adult Psychopathology (4)
- PSY 3430 - Child Psychopathology (4)
- PSY 3450 - Health Psychology (4)
- SOC 2220 - Sociology of Mental Illness (4)
- SOC 3210 - Sociological Perspectives on Aging (4)
- SOC 3430 - Sociology of Health and Medicine (4)
- WRT 3081 - Science Writing (4)
- HS 3110 - Contemporary Topics in Nutrition (2)

- HS 3130 - Nutrition and Culture (4)
- HS 3230 - Foodborne Illnesses (2)
- HS 3240 - Introduction to Food Science (3)
- HS 4000 - Human Pathology (4)
- HS 4150 - Nutrient Metabolism (4)
- MLS 4160 - Medical Hematology (4)
- PHY 3250 - Biological Physics (4)
- PHY 3260 - Medical Physics (4)
- 4 credits in a foreign language at the 2000 level or higher

Note

Students using this catalog to meet biomedical sciences B.S. major requirements may also use any course subsequently approved as satisfying requirements in the program electives area and published in a later catalog.
Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts and Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

Requirements for a modified major in biomedical sciences (B.S.) with a specialization in anatomy

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Adviser: Mary E. Craig

Students considering a career in the many aspects of the medical fields, as well as anatomical teaching, may elect this specialization in their sophomore year. The selection of all courses should be planned in consultation with the adviser.
Biology courses required for the anatomy specialization include

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- BIO 2100 - Human Anatomy (4)
- BIO 2101 - Human Anatomy Laboratory (1)

- BIO 4100 - Advanced Visceral Human Anatomy (4)
- BIO 4111 - Advanced Regional Dissection (2)
- BIO 4120 - Neuroanatomy (4)

And one of the following electives

- BIO 3140 - Histology (4) with BIO 3141 - Histology Laboratory (1)
- BIO 3320 - Vertebrate Zoology (5)
- BIO 4112 - Advanced Musculoskeletal Human Anatomy (4)

Biochemistry, B.S.

Coordinator: *Sanela Martic (Chemistry)*

Biochemistry Committee: *Sitaramayya Ari (Chemistry), Chabi Govind (Biological Sciences), Anne L. Hitt (Biological Sciences), Zijuan Liu (Biological Sciences), Sanela Martic (Chemistry), Colin Wu (Chemistry)*
This interdepartmental program offers a Bachelor of Science degree with a major in biochemistry. The biochemistry program is based on faculty resources and research facilities in the departments of Biological Sciences and Chemistry. The curriculum is designed to prepare students for a career in biochemical research, graduate study in biochemistry or molecular biology, or professional education in medicine, dentistry or other health sciences.
Undergraduate students in the biochemistry program have access to faculty research laboratories and are encouraged to participate in various ongoing research programs such as studies in metabolism, gene expression, neurodegeneration, cancer research, hormone action, immunochemistry, molecular biology, molecular genetics and macromolecular structure.
The minimum requirement for a B.S. in biochemistry is 124 credits, including coursework in biological sciences (16 credits), chemistry (32 credits) and biochemistry (12 credits). No more than 8 credits of course work used to fulfill the requirements of a major or minor in biology may be used to fulfill the requirements of a major in biochemistry. Courses used to fulfill the requirements for a major in biochemistry may not be used simultaneously to fulfill the requirements for a major or minor in chemistry.
Admission to Major Standing
Students may apply for major standing after completion of 18 credits of chemistry and at least 8 credits of biology from the requirements listed below, with a grade point average (GPA) of at least 2.50 in those courses. The biochemistry committee must approve major standing and a detailed plan of study at least three semesters prior to graduation.

Requirements for the Bachelor of Science degree in biochemistry

Students wishing to select the biochemistry major should prepare a detailed plan of study in consultation with a member of the Biochemistry Committee. To earn the Bachelor of Science degree with a major in biochemistry, students must complete:

1. Required biology courses

- BIO 1200 - Biology I (4)
- BIO 1300 - Biology II (4)

2. Eight or more credits of biology chosen in consultation with the biochemistry program coordinator from the following courses

- BIO 3210 - Biology of the Cell (4)
- BIO 3211 - Biology of the Cell Laboratory (1)
- BIO 3500 - General Microbiology (4)
- BIO 3501 - General Microbiology Laboratory (1)
- BIO 3620 - Medical Physiology (4)
- BIO 3621 - Physiology Laboratory (1)
- BIO 3130 - Developmental Biology (4)
- BIO 3400 - Genetics (4)
- Other appropriate courses may be approved on an individual basis.

3. Required chemistry courses

- CHM 1440 - General Chemistry I (4) and CHM 1470 - General Chemistry Laboratory I (1)
- CHM 1450 - General Chemistry II (4) and CHM 1480 - General Chemistry Laboratory II (1)
- CHM 2340 - Organic Chemistry I (4)
- CHM 2350 - Organic Chemistry II (4)
- CHM 2370 - Organic Chemistry Laboratory (2)
- CHM 3250 - Analytical Chemistry (4)
- CHM 3420 - Physical Chemistry I (4)
- CHM 3430 - Physical Chemistry II (4)

4. Required biochemistry courses

- BCM 4254 - Biochemistry I (3)
- BCM 4256 - Biochemistry II (3)
- BCM 4257 - Biochemistry Laboratory (3)

And additional credits selected from the following courses

- BIO 4230 - Cellular Biochemistry (4)
- BIO 4210 - Molecular Biology (4)
- BIO 4400 - Advanced Genetics (4)
- BIO 4530 - Medical Microbiology (4)
- BIO 4226 - Immunology (4)
- BIO 4511 - Microbial Biotechnology (4)
- BIO 4412 - Functional Genomics and Bioinformatics (4)
- BIO 4340 - Principles of Evolutionary Medicine (4)
- BIO 4402 - Human Genetics (4)
- CHM 4120 - Atmospheric Chemistry (3)
- CHM 4130 - Environmental Aquatic Chemistry (3)
- CHM 4580 - Biochemistry Projects (2)
- CHM 5530 - Advanced Biochemistry (3)
- CHM 5902 - Topics in Biochemistry (3)
- CHM 5810 - Biochemical Toxicology (3)
- BCM 4995 - Biochemistry Research (1 TO 4)
- Other appropriate courses may be approved on an individual basis.

5. Corequisites

- MTH 1554 - Calculus I (4)
- MTH 1555 - Calculus II (4)
- PHY 1510 - Introductory Physics I (4) and PHY 1100 - General Physics Lab I (1)
- PHY 1520 - Introductory Physics II (4) and PHY 1110 - General Physics Lab I (1)

6. Admission to major standing at least three semesters prior to graduation

Students may apply for major standing after completion of 18 credits of chemistry and at least 8 credits of biology, with a grade point average (GPA) of 2.50 in those courses. The biochemistry committee must approve major standing and a detailed plan of study at least three semesters prior to graduation.
Recommended electives

- STA 2226 - Applied Probability and Statistics (4)
- CHM 2200 - Introduction to Computational Chemistry (2)

Pre-medical studies concentration: medicine, dentistry, optometry and veterinary medicine

The Bachelor of Science degree with a major in biochemistry provides students with all the requirements for a pre-medical studies concentration. The Bachelor of Science degree and the Bachelor of Arts degree with a major in chemistry provide students with all the requirements for a pre-medical studies concentration with the exception of five courses in biology/biochemistry that must be completed. Students interested in a medical career may also refer to the pre-medical studies concentration in medicine, dentistry, optometry and veterinary medicine (see Other Academic Options of catalog) and consult with the biology or biochemistry adviser and with the College of Arts and Science Advising Office or a Department of Biological Sciences Adviser.

The department offers selected courses from this catalog as warranted by student needs and faculty availability.

Bioengineering, B.S.

Requirements for the major in bioengineering, B.S. program

Coordinators: *Darrin Hanna (SECS) with Shaleish Lal (Biological Sciences)*
The program in bioengineering, offered jointly by the School of Engineering and Computer Science and the College of Arts and Sciences, leads to the Bachelor of Science degree. It combines training in biology with depth in either computation or engineering. Students should consult with advisers for the majors to be certain they are on track for all requirements.
Course requirements (minimum of 129 total credits)
In order to earn the degree of Bachelor of Science with a major in bioengineering, students must complete a minimum of 129 credits, satisfy the general education requirements (see SECS Degree Requirements) and meet the following requirements:
General education -- 28 credits

- Students are required to take PHL 1310 - Introduction to Ethics in Science and Engineering to satisfy the general education requirement in Western Civilization.
- In order to graduate on-schedule without taking additional courses, it is highly recommended that students meet with an SECS Undergraduate Academic Adviser concerning the selection of all of their general education courses.

Core courses -- 86 credits

- MTH 1554 - Calculus I (4)
- MTH 1555 - Calculus II (4)
- APM 2555 - Introduction to Differential Equations with Matrix Algebra (4)
- MTH 2554 - Multivariable Calculus (4)
- STA 2226 - Applied Probability and Statistics (4)
- CHM 1440 - General Chemistry I (4) and CHM 1470 - General Chemistry Laboratory I (1)
- CHM 1450 - General Chemistry II (4) and CHM 1480 - General Chemistry Laboratory II (1)
- CHM 2010 - Introduction to Organic and Biological Chemistry (4)
- PHY 1610 - Fundamentals of Physics I (4)
- PHY 1620 - Fundamentals of Physics II (4)
- BIO 1200 - Biology I (4)
- BIO 1300 - Biology II (4)
- BIO 1201 - Biology Laboratory (1)
- BIO 3620 - Medical Physiology (4) (or BIO 3210 (4) or BIO 3500 (4))
- BIO 3232 - Biochemistry I (4)
- BIO 3400 - Genetics (4)
- EGR 1200 - Engineering Graphics and CAD (1)
- EGR 1400 - Computer Problem Solving in Engineering and Computer Science (4)
- EGR 2400 - Introduction to Electrical and Computer Engineering (4)
- EGR 2500 - Introduction to Thermal Engineering (4)
- EGR 2800 - Design and Analysis of Electromechanical Systems (4)
- EGB 3899 - Introduction to Engineering Biology (3)
- EGB 4995 - Research Project/Capstone Design (3)

Professional subjects -- 15-16 credits

Professional track 1: bioinformatics

Choose four courses including BIO 4412 (4) and CSI 4780 (4)

- CSI 2300 - Object-Oriented Computing (4)
- BIO 4412 - Functional Genomics and Bioinformatics (4)
- CSI 3450 - Database Design and Implementation (4)
- CSI 4780 - Bioinformatics (4)

Professional track 2: biomedical and biophysical engineering

Choose four courses

- PHY 3250 - Biological Physics (4)
- ME 3250 - Mechanics of Materials (4)
- ME 4500 - Energy Systems Analysis and Design (4) or PHY 4210 (4)
- ME 4210 - Analysis and Design of Mechanical Structures (4) requires ME 3250 (4)
- ME 4750 - Optical Measurement and Quality Inspection (4)

Professional track 3: computational biology

Required

- MTH 2775 - Linear Algebra (4)
- APM 4905 - Special Topics (2 or 4)
- BIO 4342 - Topics in Evolutionary Biology (3) or BIO 4336 (3)

Electives (choose one)

- APM 3557 - Elements Partial Diff Equation (4)
- APM 4333 - Numerical Methods (4)
- APM 4334 - Applied Numerical Methods: Matrix Methods (4)
- APM 4555 - Intermediate Ordinary Differential Equations (4)

Professional track 4: electronic devices/signal analysis/bio-sensors

- ECE 2005 - Electric Circuits (4)
- ECE 3100 - Electronic Circuits and Devices I (4)
- ECE 4130 - Electronic Materials and Devices (4)
- PHY 3250 - Biological Physics (4)

- PHY 4905 - Special Topics (2 TO 6)
- ECE 5738 - Micro- and Nano- Embedded Systems

Professional track 5: molecular engineering biology

Choose four: Choice must include BIO 3500 (4), BIO 4226 (4) and BIO 4511 (4)

- PHY 3250 - Biological Physics (4)
- BIO 3210 - Biology of the Cell (4)
- BIO 3500 - General Microbiology (4)
- BIO 3130 - Developmental Biology (4)
- BIO 4226 - Immunology (4)
- BIO 4511 - Microbial Biotechnology (4)
- BIO 4530 - Medical Microbiology (4)

Performance requirements and additional general education notes

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In addition to the previously stated requirements, satisfactory completion of the program requires an average grade of at least 2.0 in the courses taken to satisfy the engineering, chemistry, and mathematics and physics requirements. Students in this program are not required to complete the College of Arts and Sciences exploratory requirements, but must complete the General Education Requirements including capstone and writing intensive courses. In addition, this program requires an average grade of 2.0 in courses taken to satisfy the biology, chemistry, mathematical sciences and engineering requirements.

Biological Sciences, STEP

Adviser: *Fabia U. Battistuzzi (Biological Sciences)*

The Secondary Teacher Education Program (STEP) at Oakland University is an extended program of study leading to certification. Generally, eligibility for admission to the STEP requires a minimum GPA of 3.00 in both the major and minor, and an overall GPA of at least 2.80. No single major or minor course grade may be below 2.0, and a grade of 3.0 or higher is required in WRT 1600. Second-undergraduate degree candidates completing major and/or minors may be required to complete additional coursework at Oakland University beyond the stated minimums.
Applications for the STEP program are due October 1 of each year.
Students in this program must complete the requirements for a B.A. or B.S. degree in the College of Arts and Sciences and concurrently fulfill the major requirements listed below:

1. One course from the following eight biological areas, as defined by the department and chosen in consultation with the biology adviser

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Note that a single course may satisfy more than one area.
Cell biology/biochemistry

- BIO 1200 - Biology I (4)
- BIO 3210 - Biology of the Cell (4)
- BIO 3230 - Fundamentals of Biochemistry (4)
- BIO 3130 - Developmental Biology (4)
- BIO 3232 - Biochemistry I (4)

Physiology

- BIO 2600 - Human Physiology (4)
- BIO 3620 - Medical Physiology (4)

Zoology

- BIO 2100 - Human Anatomy (4)
- BIO 3332 - Field Biology (4)
- BIO 3140 - Histology (4)
- BIO 3320 - Vertebrate Zoology (5)
- BIO 3130 - Developmental Biology (4)
- BIO 3350 - Animal Behavior (4)
- BIO 4320 - Medical Parasitology (4)

Botany

- BIO 3310 - Dendrology (4)
- BIO 3312 - Field Botany (4)
- BIO 3334 - Botany (4)

Ecology

- BIO 3330 - Ecology (5)
- BIO 3332 - Field Biology (4)
- BIO 3340 - Evolutionary Biology (4)

Genetics

- BIO 3400 - Genetics (4)

Microbiology

- BIO 3520 - Introduction to Human Microbiology (4)
- BIO 3500 - General Microbiology (4)
- BIO 4530 - Medical Microbiology (4)
- BIO 4320 - Medical Parasitology (4)

Evolution

- BIO 1300 - Biology II (4)
- BIO 3340 - Evolutionary Biology (4)

2. A minimum of four biology laboratory courses

(Five laboratory courses are required for the B.S. degree).
3. One course in earth science, chosen from

- ENV 3080 - Introduction to Environmental Studies (4)
- ENV 3730 - Water Resources (3)
- PHY 1060 - Earth Science/Physical Geography (4)

4. One course in science, technology and society, chosen from

- AN 3110 - Culture, Society and Technology (4)
- CHM 3000 - Chemistry, Society Health (4)
- ENV 3080 - Introduction to Environmental Studies (4)
- ENV 3120 - Energy and the Environment (4)
- ENV 3730 - Water Resources (3)
- PHL 3500 - Bioethics (4)

Additional information

A program in STEP must include either a 20-28 credit secondary teaching minor or an integrated science endorsement. Furthermore, STEP biology majors must also complete a sequence of undergraduate course-work in education to include SED 3000 (must be completed prior to STEP application) DLL 4197, FE 3010, RDG 4238 and SED 4100 (must be completed prior to the final internship semester). Extended study including SE 4401, SED 4200 and SED 4950 is also required.
Further details on program and admission requirements and procedures can be found in the School of Education and Human Services portion of the catalog and by consulting advisers in the Department of Biological Sciences and the School of Education and Human Services advising office, 363 Pawley Hall, (248) 370-4182.

Secondary Teacher Education Program (STEP): Endorsement Concentration in Integrated Science

Students pursuing the STEP biology major are eligible to pursue an Integrated Science endorsement. Students who complete both the STEP biology major and the STEP integrated science program will be recommended for certification by Oakland University to teach the following subjects at the secondary level: biology, chemistry, earth science, life science, physical science and physics.

This program may be substituted for a secondary teaching minor.

Students must complete the STEP biology major and also have taken the following courses

- BIO 1200 - Biology I (4)
- BIO 1300 - Biology II (4)
- CHM 1440 - General Chemistry I (4) and CHM 1470 - General Chemistry Laboratory I (1)
- CHM 1450 - General Chemistry II (4) and CHM 1480 - General Chemistry Laboratory II (1)
- CHM 2340 - Organic Chemistry I (4)
- ENV 3080 - Introduction to Environmental Studies (4)
- PHY 1010 - General Physics I (4) or PHY 1510 - Introductory Physics I (4)
- PHY 1100 - General Physics Lab I (1)
- PHY 1020 - General Physics II (4) or PHY 1520 - Introductory Physics I (4)
- PHY 1110 - General Physics Lab II (1)
- PHY 1040 - Astronomy: The Solar System (4)
- PHY 1060 - Earth Science/Physical Geography (4) or GEO 1060 - Earth Science/Physical Geography (4)

Additional information

STEP biology majors should note that many of the courses listed above may have already been taken in the process of completing the STEP biology major.
To progress into the internship year, students admitted to the OU STEP must maintain a minimum GPA of 3.00 in their major and minor coursework and in their education coursework, with no single major or minor course grade below 2.0 and no single education course grade below 2.8.
Second undergraduate degree candidates completing the program may be required to take additional courses at Oakland University beyond the stated minimums. Students must consult with the STEP biology adviser.

Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

Biology Secondary Teaching Minor

Requirements for the secondary teaching minor in biology

A minimum of 20 credits in biology is required for the secondary teaching minor in biology. BIO 1000, BIO 1002, BIO 1004, BIO 1006 and BIO 3000 may not be counted toward this requirement.
1. Required courses

- BIO 1200 - Biology I (4)
- BIO 1300 - Biology II (4)
- BIO 1201 - Biology Laboratory (1)

2. One course each from the following categories

a. Molecular/cellular biology

- BIO 3210 - Biology of the Cell (4)
- BIO 3230 - Fundamentals of Biochemistry (4)
- BIO 3620 - Medical Physiology (4)
- BIO 3130 - Developmental Biology (4)
- BIO 3232 - Biochemistry I (4)
- BIO 3400 - Genetics (4)
- BIO 3220 - Neurobiology (4)

b. Organismic biology

- BIO 2100 - Human Anatomy (4)
- BIO 2600 - Human Physiology (4)
- BIO 2640 - Comparative Physiology (4)
- BIO 2650 - Plant Physiology (4)
- BIO 3310 - Dendrology (4)

- BIO 3312 - Field Botany (4)
- BIO 3334 - Botany (4)
- BIO 3350 - Animal Behavior (4)
- BIO 3500 - General Microbiology (4)

c. Evolutionary/ecological biology

- BIO 3330 - Ecology (5)
- BIO 3332 - Field Biology (4)
- BIO 3320 - Vertebrate Zoology (5)
- BIO 3340 - Evolutionary Biology (4)

3. Required course

- SED 4100 - ST:Teaching Secondary in the Minor Methods (4)

Additional information

Non-science majors must complete an additional four credits in chemistry for a total of 24 credits for this minor. Students are also expected to have pre-calculus mathematics.
Generally, application to OU STEP requires a minimum cumulative grade point average of 3.0 in courses in the major and the minor. To progress into the internship year, students admitted to the OU STEP must maintain a minimum GPA of 3.00 in both their major and minor coursework, with no single course grade below 2.0.
Post-baccalaureate candidates completing the minor may be required to take additional courses at Oakland University beyond the stated minimums. Students must consult with the departmental adviser.

Biology Minor

Requirements for the liberal arts minor in biology

Students in other departments who wish to minor in biology must take a minimum of 20 credits in biology, including the following courses. Students majoring in other life science areas should read the restrictions on dual use of courses to satisfy both major and minor requirements.
BIO 1000, 1002, 1004, 1006 and 3000 do not count toward the biology minor.
1. Required courses

- BIO 1200 - Biology I (4)
- BIO 1300 - Biology II (4)
- BIO 1201 - Biology Laboratory (1)

2. At least 8 credits in BIO courses numbered 3001 or higher

Course Descriptions

BIO 1000 - Foundations of Modern Biology (4)
Principles of biochemistry, energy transformation, metabolism, cell division, and heredity. Emphasizing problem-solving skills and the background necessary for success in more advanced biology courses. Especially suited for students majoring in science or allied health programs needing additional preparation prior to (BIO 111 or BIO 1200). Not for major or minor credit in biology. (Formerly BIO 101).

BIO 1002 - Human Biology (4)
Introduction to human biology with emphasis on human anatomy and physiology. Topics include cell biology, skeletal, muscular, digestive, cardiovascular, neural, hormonal and reproductive systems. Offered fall and winter semesters. Course does not count toward biology majors or minors. Satisfies the university general education requirement in the natural science and technology knowledge exploration area. (Formerly BIO 104).

BIO 1004 - Life on Earth (4)
A survey course on the history of nature. The evolutionary emergence of plant and animal life from unicellular to multicellular organisms and eventually to humans is presented through lectures, text readings and films. Offered fall and winter semesters. Course does not count toward biology majors or minors. Satisfies the university general education requirement in the natural science and technology knowledge exploration area. (Formerly BIO 110)

BIO 1006 - Clinical Anatomy and Physiology (5)
Basic human anatomy and physiology with clinical emphasis, specifically for pre-nursing students. Lectures are closely tied to laboratory activities. Computer simulations of cadaver dissections are used to teach and test anatomy. Course does not count toward biology majors or minors. (Formerly BIO 121)
Prerequisite(s): (BIO 111 or BIO 1200) with a grade of 2.0 or higher.

BIO 1200 - Biology I (4)
Introduction to cellular and molecular biology, enzymology, metabolism, genetics, cell division. One year of high school chemistry is strongly recommended. Satisfies the university general education requirement in the natural science and technology knowledge exploration area. (Formerly BIO 111).

BIO 1201 - Biology Laboratory (1)
Laboratory and field experience emphasizing scientific method, scientific writing, Mendelian genetics, vertebrate anatomy and animal and plant diversity. Offered fall and winter semester. (Formerly BIO 116)
Pre/Corequisite(s): (BIO 111 or BIO 1200) or (BIO 113 or BIO 1300) with a grade of 2.0 or higher.

BIO 1300 - Biology II (4)
Introduction to the structure and function of plants and animals; nutrient acquisition, gas exchange, internal transport, excretion, chemical and nervous control, reproduction, behavior, ecology, evolution, and a synopsis of the major phyla. Offered fall and winter semesters. Satisfies the university general education requirement in the natural science and technology knowledge exploration area. (Formerly BIO 113)
Prerequisite(s): (BIO 111 or BIO 1200) recommended.

BIO 2100 - Human Anatomy (4)
The integration of organs into systems and systems into the organism. Selected aspects of developmental, comparative and microanatomy also will be discussed. Relevant to students in health sciences, biological science and liberal arts studies. Offered fall and winter semesters.(Formerly BIO 205)
Prerequisite(s): (BIO 111 or BIO 1200) with a grade of 2.0 or higher.

BIO 2101 - Human Anatomy Laboratory (1)
Identification of the musculoskeletal system as well as other major organ systems using human cadavers. This course does not fulfill the laboratory experience requirements.(Formerly BIO 206)
Prerequisites or corequisites: (BIO 205 or BIO 2100) with a grade of 2.0 or higher.

BIO 2600 - Human Physiology (4)
Detailed study of general physiological principles and mechanisms with emphasis on systemic physiology. Normal physiology of individual organ systems will be explored, with stress on the role each plays in the human homeostatic balance. Offered fall and winter semesters. (Formerly BIO 207)
Prerequisite(s): (BIO 111 or BIO 1200) with a grade of 2.0 or higher.

BIO 2640 - Comparative Physiology (4)
The physiology of organ systems in various animal groups. Examination and comparison of evolutionarily conserved and diversified components.(Formerly BIO 209)
Prerequisite(s): (BIO 111 or 1200) and (BIO 113 or BIO 1300), each with a grade of 2.0 or higher.

BIO 2650 - Plant Physiology (4)
Physiological processes that occur during the growth and development of plants, focusing on water relations, transport, mineral nutrition, regulation of photosynthesis and respiration, seed germination, and plant growth in response to hormones and environmental conditions. (Formerly BIO 211)
Prerequisite(s): (BIO 111 or BIO 1200) and (BIO 113 or BIO 1300), each with a grade of 2.0 or higher.

BIO 3000 - Biology and Society (4)
The major concepts of modern biology that would serve as a foundation for the well-educated nonscientist, including evolutionary biology, molecular and cellular biology, genetic and medical interventions, the biological bases of behavior and social organization, and the effects of biological and chemical pollutants. Course does not count toward the biology major or minor. (Formerly BIO 300). Satisfies the university general education requirement in the natural science and technology knowledge exploration area. Satisfies the university general education requirement for a writing intensive course in general education or in the major, not both. Prerequisite(s) for writing intensive: completion of the university writing foundation requirement.
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BIO 3130 - Developmental Biology (4)
An examination of mechanisms regulating the development of various organisms. Emphasis on the cellular and molecular controls that govern gametogenesis, fertilization, tissue formation, cellular interactions and gene activity. Offered alternate winter semesters. (Formerly BIO 323)
Prerequisite(s): (BIO 309 or BIO 3210) or (BIO 341 or BIO 3400) with a grade of 2.0 or higher.

BIO 3140 - Histology (4)
Structural organization of vertebrate tissues and organs in relation to cell and tissue functions. Offered fall semester. (Formerly BIO 305)
Prerequisite(s): (BIO 111 or BIO 1200) with a grade of 2.0 or higher.
Corequisite(s): (BIO 306 or BIO 3141) strongly recommended.

BIO 3141 - Histology Laboratory (1)
Microscopic examination and identification of vertebrate tissues and organs. Preparation of histological slides. (Formerly BIO 306)
Pre/Corequisite(s): (BIO 305 or BIO 3140) with a grade of 2.0 or higher.

BIO 3142 - Biomaterials Approaches in Anatomy (4)
Theoretical design of prosthesis, implants, and organs. Basic principles of engineering and materials sciences will be applied to histology and anatomy of the human body. (Formerly BIO 330)
Prerequisite(s): (BIO 205 or BIO 2100) and (BIO 206 or BIO 2101), each with a grade of 2.0 or higher.

BIO 3210 - Biology of the Cell (4)
Introduction to the biology of the cell. Includes structure and function of cell organelles and physiological processes at the cellular and molecular levels. (Formerly BIO 309)
Prerequisite(s): (BIO 111 or BIO 1200); (BIO 113 or BIO 1300) or (BIO 207 or BIO 2600); (CHM 144 or CHM 1440) and (CHM 147 or CHM 1470) each with a grade of 2.0 or higher.

BIO 3211 - Biology of the Cell Laboratory (1)
Laboratory experience in cellular biology. (Formerly BIO 310)
Pre/Corequisite(s): (BIO 309 or BIO 2310) with a grade of 2.0 or higher.

BIO 3220 - Neurobiology (4)
Properties of individual nerve cells and small groups of nerve cells involved in information processing. Emphasis is placed on the cellular and molecular basis of excitability and synaptic transmission, membrane receptor systems and signaling, neuronal plasticity, and sensory and motor functions in relation to neurological disorders. Offered winter semester. (Formerly BIO 351)
Prerequisite(s): (BIO 111 or BIO 1200) and (BIO 113 or BIO 1300), and (CHM 145 or CHM 1450) and (CHM 148 or CHM 1480); each with a grade of 2.0 or higher.

BIO 3230 - Fundamentals of Biochemistry (4)
Structure, assembly, and function of biomolecules and subcellular components; enzyme catalysis and regulation; generation of metabolic energy; electron transport and photosynthesis, metabolism of carbohydrates, amino acids and proteins, lipids, and nucleic acids; nutrition and health implications. (Formerly BIO 315)
Prerequisite(s): (BIO 111 or BIO 1200) and (CHM 201 or CHM 2010) or (CHM 234 or CHM 2340), each with a grade of 2.0 or higher.

BIO 3232 - Biochemistry I (4)
Science-intensive study of the structure, function, and isolation of biomolecules and subcellular components; enzyme catalysis and regulation; principles of metabolism, generation of metabolic energy by glycolysis, Krebs' cycle and oxidative phosphorylation; and molecular approaches in biological research. (Formerly BIO 325)
Prerequisite(s): (BIO 111 or BIO 1200) with a grade of 2.0 or higher.
Pre/Corequisite(s): (CHM 234 or CHM 2340) (if prerequisite, with a grade of 2.0 or higher).

BIO 3233 - Biochemistry I Laboratory (1)
Cellular extraction and purification of enzymes and enzymes kinetics. Analytical and quantitative methods for characterization of protein structure and activity. (Formerly BIO 326)
Prerequisite(s): (BIO 116 or BIO 1201) with a grade of 2.0 or higher.
Pre/Corequisite(s): (BIO 325 or BIO 3232) (if prerequisite, with a grade of 2.0 or higher).

BIO 3310 - Dendrology (4)
The study of trees and shrubs; their identification, biology and ecology and the importance of woody plants to people. Includes laboratory experience. Offered in alternate fall semesters.(Formerly BIO 327)
Prerequisite(s): (BIO 111 or BIO 1200), (BIO 113 or BIO 1300), (BIO 116 or BIO 1201), each with a grade of 2.0 or higher.

BIO 3312 - Field Botany (4)
Local flora course in identifying vascular plants occurring naturally in Michigan. Emphasis is on flowering plants, although ferns and coniferous species are also treated. Includes field trips to representative natural areas in southeast Michigan. Offered summer semester, first session. Fulfills the laboratory experience requirement. (Formerly BIO 373)
Prerequisite(s): (BIO 111 or BIO 1200) and (BIO 113 or BIO 1300), each with a grade of 2.0 or higher.

BIO 3320 - Vertebrate Zoology (5)
Introduction to evolution, biology and classification of vertebrates, including fish, amphibians, reptiles, birds and mammals. Emphasis on a comparative approach to examining the anatomy, physiology, evolution, ecology, behavior, and life history aspects of vertebrates. Lecture focuses on a comparative analysis of all vertebrate groups, lab exercises separately treat the major groups. Fulfills the laboratory experience requirement. (Formerly BIO 317)
Prerequisite(s): (BIO 111 or BIO 1200), (BIO 113 or BIO 1300), (BIO 116 or BIO 1201), each with a grade of 2.0 or higher.

BIO 3322 - Marine Biology (4)
Overview of the ocean environment with emphasis on marine organisms. Marine communities and adaptations from the intertidal zone to the abyssal plains will be presented. (Formerly BIO 377)
Prerequisite(s): (BIO 111 or BIO 1200) and (BIO 113 or BIO 1300), each with a grade of 2.0 or higher.

BIO 3330 - Ecology (5)
Basic ecological concepts, energy and materials flow, growth and regulation of populations, community interactions, chemical ecology and environmental biology. Includes laboratory experience and fulfills the laboratory experience requirement. Offered fall semester. (Formerly BIO 301)
Prerequisite(s): (BIO 111 or BIO 1200) and (BIO 113 or BIO 1300), each with a grade of 2.0 or higher.

BIO 3332 - Field Biology (4)
Ecological and taxonomic study of the fauna of southeastern Michigan. Aims include competence in use of illustrated handbooks and keys, and skills in collecting, preserving and identifying. Offered summer semester both first and second sessions. Fulfills the laboratory experience requirement. (Formerly BIO 303)
Prerequisite(s): (BIO 111 or BIO 1200), (BIO 113 or BIO 1300), and (BIO 116 or BIO 1201), each with a grade of 2.0 or higher.

BIO 3334 - Botany (4)
Plant biology including topics on gross and microscopic structure, physiological processes, reproduction and development. Diversity within the plant kingdom and evolutionary history are also discussed. (Formerly BIO 311).
Prerequisite(s): (BIO 111 or BIO 1200), (BIO 113 or BIO 1300), (BIO 116 or BIO 1201), each with a grade of 2.0 or higher.

BIO 3340 - Evolutionary Biology (4)
Exploration of the processes of evolution and their past and current influence on organisms of today. Topics include origin of variability, natural selection, differentiation of populations, speciation, phylogenetic concepts, evolutionary ecology and sociobiology. (BIO 341 or BIO 3400) recommended. (Formerly BIO 387)
Prerequisite(s): (BIO 111 or BIO 1200) and (BIO 113 or BIO 1300), each with a grade of 2.0 or higher.

BIO 3350 - Animal Behavior (4)
The genetics, physiology, ecology and evolution of animal behavior. Emphasis is on social behavior, especially the behavior of social insects. Offered fall semester. (Formerly BIO 353)
Prerequisite(s): (BIO 111 or BIO 1200) and (BIO 113 or BIO 1300), each with a grade of 2.0 or higher.

BIO 3351 - Animal Behavior Laboratory (1)
An introduction to the study of animal behavior in the field and in the laboratory. Topics will include experimental design, data analysis, and writing in the scientific format. (Formerly BIO 354)
Prerequisite(s): (BIO 116 or BIO 1201) (with a grade of 2.0 or higher).

BIO 3360 - Organic Farming (4)
Fundamental theory and practices integral to organic farming on a small scale. Field and lecture course integrates problem-solving ecology, botany, entomology, microbiology, chemistry, and more. Field sites include OU Campus Student Organic Farm, community gardens, and field trips to working organic farms. Offered annually in full summer semester. (Formerly BIO 331)
Prerequisite(s): (BIO 104 or BIO 1002), (BIO 111 or BIO 1200), or (BIO 113 or BIO 1300) with a grade of 2.0 or higher, or permission of instructor.
Corequisite(s): (BIO 332 or BIO 3361)

BIO 3361 - Organic Farming Laboratory (1)
Laboratory and field studies of organic farming theory and applied practices. Field sites include OU Student Organic Farm and certain community gardens, depending on the season. May be taken three times, with each registration being in different semesters (summer, fall, winter). (Formerly BIO 332)
Pre/Corequisite(s): (BIO 331 or BIO 3360) in summer term only; if prerequisite, with a grade of 2.0 or higher.

BIO 3362 - Permaculture (4)
Sustainable landscape planning based on natural and indigenous systems for food/fiber/fuel production that can be applied to home gardens and entire communities. Interdisciplinary hands-on problem-solving and design in field studies on campus. Course includes field trips and service-learning/community engagement. (Formerly BIO 361)
Prerequisite(s): (BIO 104 or BIO 1002), (BIO 111 or BIO 1200), or (BIO 113 or BIO 1300), with a grade of 2.0 or higher or permission of instructor.

BIO 3363 - Permaculture Laboratory (1 OR 2)
Independent project design or field study to accompany or follow (BIO 361 or BIO 3362). May be taken any semester. (Formerly BIO 362)
Pre/Corequisite(s): (BIO 361 or BIO 3362) with a grade of 2.0 or higher and permission of instructor.

BIO 3400 - Genetics (4)
Fundamentals of classical and molecular genetics. Selected topics in human genetics, microbial genetics, biochemical genetics, molecular biology, cytogenetics and genomics. Offered fall and winter semesters. (Formerly BIO 341)
Prerequisite(s): (BIO 111 or BIO 1200) with a grade of 2.0 or higher.

BIO 3401 - Genetics Laboratory (1)
Laboratory experience in genetics, including elementary experiments in Mendelian genetics and molecular genetics. Principles of hypothesis testing and data analysis. (Formerly BIO 342)
Prerequisite(s): (BIO 111 or BIO 1200) and (BIO 116 or BIO 1201), each with a grade of 2.0 or higher.
Pre/Corequisite(s): (BIO 341 or BIO 3400) (if prerequisite, with a grade of 2.0 or higher)

BIO 3500 - General Microbiology (4)
Concepts include microbial metabolism and physiology, genetics and genomics, diversity and evolution, growth control and aseptic techniques, host-parasite relationships, and survey of human bacterial and viral pathogens. Emerging techniques and applications in molecular biology and genetic engineering will also be considered as they relate to microbiology. Not open to students who have taken (BIO 307 or BIO 3520). (Formerly BIO 319). Offered fall and winter semesters.
Prerequisite(s): (BIO 111 or BIO 1200) and (CHM 234 or CHM 2340), each with a grade of 2.0 or higher.

BIO 3501 - General Microbiology Laboratory (1)
Introduction to techniques used for growing, isolating, and handling microbes, as well as a survey of traditional and molecular approaches to microbe identification and analysis. (Formerly BIO 320)
Pre/Corequisite(s): (BIO 319 or BIO 3500) (if prerequisite, with a grade of 2.0 or higher).

BIO 3520 - Introduction to Human Microbiology (4)
Introduction to the biology of microorganisms emphasizing the infectious diseases they cause and their control. Bacterial, mycotic, protozoan and viral infections; immunology; epidemiology; pathogenic mechanisms; chemotherapy; microbial genetics; microbial growth; and microbial physiology. Required of students in the nursing program. Not open to students who have taken (BIO 319 or BIO 3500). (Formerly BIO 307)
Prerequisite(s): (BIO 111 or BIO 1200) with a grade of 2.0 or higher.

BIO 3521 - Human Microbiology Laboratory (1)
Introduction to techniques used for growing, isolating, and handling microbes. A microscopic examination and identification of prokaryotic and eukaryotic organisms including pathogens. Course restricted to biomedical sciences majors. (Formerly BIO 308)
Pre/Corequisite(s): (BIO 307 or BIO 3520) (if prerequisite, with a grade of 2.0 or higher.)

BIO 3620 - Medical Physiology (4)
Detailed study of physiological principles and the functioning of the various organ systems. Establishes a foundation for describing the mechanisms of action underlying human health and disease. (Formerly BIO 321)
Prerequisite(s): (BIO 315 or BIO 3230) or (BIO 325 or BIO 3232), or (BCM 453 or 4254), or (CHM 453 or CHM 4254), with a grade of 2.0 or higher.

BIO 3621 - Physiology Laboratory (1)
Laboratory exercises illustrating the principles of human physiology through experimental measurements and computer simulations. (Formerly BIO 322)
Pre/Corequisite(s): (BIO 207 or BIO 2600) or (BIO 321 or BIO 3620) with a grade of 2.0 or higher.

BIO 3660 - Principles of Pharmacology (4)
Introduction to the general principles of pharmacology. Includes principles of drug action, drug metabolism, and a review of major classes of pharmaceuticals. (Formerly BIO 329)
Prerequisite(s): (BIO 207 or BIO 2600) or (BIO 209 or BIO 2640) or (BIO 321 or BIO 3620); and (BIO 325 or BIO 3232) or (BCM 453 or BCM 4254) or (CHM 453 or CHM 4254), each with a grade of 2.0 or higher.

BIO 3662 - Neuropharmacology (4)
Examination of drugs that affect nervous tissue. Includes basic principles and fundamentals of pharmacological actions on neurons and their synapses in relation to autonomic function, control of movement, mood and emotion, addictive disorders, higher cognitive function and psychosis, sleep arousal, pain, memory, dementias, and seizures and stroke. (Formerly BIO 355)
Prerequisite(s): (BIO 207 or BIO 2600) or (BIO 321 or BIO 3360), and (CHM 234 or CHM 2340); and (BCM 453 or BCM 4254) or (CHM 453 or CHM 4254) with a grade of 2.0 or higher.

BIO 3920 - Directed Readings in Biology (1 TO 4)
Term paper based on library research of a current research-oriented biological topic. May be taken more than once. (Formerly BIO 405). Satisfies the university general education requirement for a writing intensive course in the major when taken for 3 or 4 credits. Prerequisite for writing requirement: completion of the university writing foundation requirement.
Prerequisite(s): written agreement with a biology faculty supervisor.

BIO 3930 - Occupational Experience in Biology (2 TO 4)
Occupational experience in biology with faculty supervision that incorporates student performance in a professional setting. May not be repeated for credit. (Formerly BIO 399)
Prerequisite(s): junior/senior standing. 16 credits in biology of which 8 must be at the 3000-4000 level and permission of instructor.

BIO 4100 - Advanced Visceral Human Anatomy (4)
Advanced study of the human body systems with emphasis on the thorax, abdomen and pelvic regions, including organ structure, blood supply, innervation and lymphatics. Clinical correlations and applications using human cadavers. (Formerly BIO 457)
Prerequisite(s): (BIO 205 or BIO 2100) with a grade of 2.0 or higher or permission of instructor.

BIO 4111 - Advanced Regional Dissection (2)
Active full body regional dissection under the Socratic tradition. Multiple systems will be explored and discussed with regard to relationships, form, function, and disease. Students will perform regional dissections in teams under rotating peer leadership and one individual dissection of each student's choice will be graded and demonstrated to peers. (Formerly BIO 458)
Prerequisite(s): (BIO 205 or BIO 2100) with a grade of 2.0 or higher.

BIO 4112 - Advanced Musculoskeletal Human Anatomy (4)
Advanced study of the human body systems with emphasis on the musculoskeletal system including the back, upper limb and lower limb osteology, musculature, blood supply, innervation, and connective tissue structures using human cadaver dissections. (Formerly BIO 459)
Prerequisite(s): (BIO 205 or BIO 2100) with a grade of 2.0 or higher or permission of instructor.

BIO 4120 - Neuroanatomy (4)
Exploration of central and peripheral nervous systems with associated structures with respect to their morphology, relationships, development, and function. Pathways within the brain and spinal cord and the integration of these functions in motor, sensory and autonomic activity. Investigation of certain lesions and their clinical significance via hands-on interactive activities and lectures.(Formerly BIO 460)
Prerequisite(s): (BIO 205 or BIO 2100) with a grade of 2.0 or higher or permission of instructor.

BIO 4121 - Neuroanatomy Laboratory (1)
Laboratory experience in neuroanatomy. Identification of basic neuroanatomical structures of the human. (Formerly BIO 461)
Corequisite(s): (BIO 460 or BIO 4120) with a grade of 2.0 or higher.

BIO 4210 - Molecular Biology (4)
Basic molecular biology of viruses, prokaryotes, and eukaryotes with emphasis on cloning, expression and regulation of genes, applications of recombinant DNA, cancer, and genetic diseases/disorders. (Formerly BIO 417)
Prerequisite(s): (BIO 341 or BIO 3400) and either (BIO 325 or BIO 3232) or (CHM 453 or CHM 4254) or (BCM 453 or BCM 4254), each with a grade of 2.0 or higher.

BIO 4211 - Molecular Biology Laboratory (2)
Basic techniques in molecular biology: isolation and characterization of DNA and RNA, cloning, restriction analysis, nucleic acid hybridization and recombinant DNA techniques. (Formerly BIO 418)
Pre/Corequisite(s): (BIO 417 or BIO 4210) (if prerequisite, with a grade of 2.0 or higher).

BIO 4220 - Cell Biology of Cancer (4)
Introduction to cancer from signal transduction pathways that regulate cell proliferation, apoptosis, adhesion and migration. Offered winter semester. (Formerly BIO 427)
Prerequisite(s): (BIO 309 or BIO 3210) with a grade of 2.0 or higher.

BIO 4222 - Stem Cell Biology (4)
Comprehensive overview of stem cells and their potential in biomedical research and applications. Aspects of basic, applied biology and medicine including development and differentiation, cancer, regeneration/repair, cell therapy, and drug development. Provides a broad background and the opportunity to apply critical thinking skills to recent advances in stem cell biology. (Formerly BIO 429)
Prerequisite(s): (BIO 111 or BIO 1200) with a grade of 2.0 or higher.

BIO 4224 - Science of Vision (3)
In-depth study of the tissues of the eye. Topics include visual transduction, light and dark adaptation, color vision, lens physiology and cataract, cornea, glaucoma, inherited retinal diseases, diabetic retinopathy, physiological optics, and regulation of gene expression in ocular development. (Formerly BIO 487)
Prerequisite(s): (BIO 207 or BIO 2600) or (BIO 321 or BIO 3620) or (BIO 351 or BIO 3220) with a grade of 2.0 or higher.

BIO 4226 - Immunology (4)
Human immune response. Emphasis on components of the immune system, antibody structure and function, antigen processing and presentation, T cell responses, immune response to infectious diseases, and disorders of the immune system. (Formerly BIO 423)
Prerequisite(s): (BIO 341 or BIO 3400) or (BIO 325 or BIO 3232) or (CHM 453 or CHM 4254) or (BCM 453 or BCM 4254) with a grade of 2.0 or higher.

BIO 4230 - Cellular Biochemistry (4)
Advanced discussion of cellular control mechanisms emphasizing recent developments in the biochemistry of proteins and nucleic acids. Offered fall semester. (Formerly BIO 407)
Prerequisite(s): (BIO 325 or BIO 3232) or (CHM 453 or CHM 4254) or (BCM 453 or BCM 4254) with a grade of 2.0 or higher.

BIO 4232 - Biochemistry II (4)
A continuation of (BIO 325 or BIO 3232) using the same textbook. Topics include photosynthesis, metabolism of lipids and nitrogen-containing compounds, biochemical mechanisms of hormone action, integration and control of cell metabolism, biochemistry of nucleic acids, and mechanisms of gene transcription and protein synthesis. (Formerly BIO 425)
Prerequisite(s): (BIO 325 or BIO 3232) or (CHM 453 or CHM 4254) or (BCM 453 or BCM 4254) with a grade of 2.0 or higher.

BIO 4234 - Biochemistry of Metabolism and Disease (4)
Biochemistry of the metabolic processes and interrelations existing in healthy and disease states in human systems. Covers both metabolic disorders as well as insights to clinical biochemistry related to cancer, myocardial infarction, atherosclerosis and other diseases. Course restricted to biomedical science majors. (Formerly BIO 473)
Prerequisite(s): (BIO 207 or BIO 2600) or (BIO 321 or BIO 3620); (BIO 325 or BIO 3232), (CHM 453 or CHM 4254) or (BCM 453 or BCM 4254) each with a grade of 2.0 or higher.

BIO 4320 - Medical Parasitology (4)
Medically important protozoan, helminth, and arthropod parasites, including their morphology, biology, pathogenesis, clinical manifestations, immunology, epidemiology, and control. (Formerly BIO 465)
Prerequisite(s): (BIO 111 or BIO 1200), (BIO 113 or BIO 1300), and (BIO 116 or BIO 1201), each with a grade of 2.0 or higher.
Corequisite(s): (BIO 466 or BIO 4321)

BIO 4321 - Medical Parasitology Laboratory (1)
Study of medically important protozoan, helminth, and arthropod parasites, including their morphology, biology, pathogenesis, clinical manifestations, immunology, epidemiology, and control. Laboratory activities include methods for identification of medically important parasites. To be taken with (BIO 465 or BIO 4320). (Formerly BIO 466)
Prerequisite(s): (BIO 111 or BIO 1200), (BIO 113 or BIO 1300), and (BIO 116 or BIO 1201), each with a grade of 2.0 or higher.
Corequisite(s): (BIO 465 or BIO 4320)

BIO 4330 - Stream Ecology (3)
Introduction to the ecology of streams and rivers. Topics include river restoration, nutrient cycling, stream food webs, fluvial geomorphology, watershed hydrology, invasive aquatic and riparian species, and riparian ecology. (Formerly BIO 471)
Prerequisite(s): (BIO 113 or BIO 1300) with a grade of 2.0 or higher; (BIO 301 or BIO 3330) recommended.

BIO 4333 - Tropical Field Ecology (3)
Field-based introduction to tropical ecology with an emphasis on experiencing different types of terrestrial and aquatic ecosystems. (Formerly BIO 474)
Prerequisite(s): (BIO 301 or BIO 3330) with a grade of 2.0 or higher; recommended and instructor permission.

BIO 4334 - Topics in Physiological Ecology (3)
Physiological responses of organisms to their environment including plant/herbivore interactions, adaptations of desert animals, allopathy, energy cost of animal activities, and communication on an organismal level. Offered alternate winter semesters. (Formerly BIO 481)
Prerequisite(s): (BIO 207 or BIO 2600) or (BIO 209 or BIO 2640) or (BIO 211 or BIO 2650) or (BIO 321 or BIO 3620); and (BIO 301 or BIO 3620), each with a grade of 2.0 or higher.

BIO 4336 - Topics in Community and Population Biology (3)
Analytic and synthetic approaches to the biology of populations and communities utilizing both plant and animal studies. Topics will include population growth and regulation, competition, predator prey interactions, community structure and species diversity. Offered alternate fall semesters. (Formerly BIO 483)
Prerequisite(s): (BIO 301 or BIO 3330) or (BIO 387 or BIO 3340) with a grade of 2.0 or higher.

BIO 4338 - Food Systems Biology (4)
The biology of the food system is followed "from seed to plate" with regard to its impact on ecology and human physiology and pathology. Includes. conventional lectures, readings, discussions, student research, projects and presentations, field work and service-learning/community engagement.
Prerequisite(s): (BIO 1200 or BIO 111) with a grade of 2.0 or higher and junior/senior standing.

BIO 4340 - Principles of Evolutionary Medicine (4)
Introduction to the principles of evolutionary biology and their application to understanding human disease and medically relevant topics including the development of antibiotic resistance in pathogenic bacteria and an understanding of how viral evolution impacts vaccine production. Course restricted to biomedical sciences majors. (Formerly BIO 445)
Prerequisite(s): (BIO 111 or BIO 1200) and (BIO 341 or BIO 3400) or (BIO 475 or BIO 4402), each with a grade of 2.0 or higher.

BIO 4342 - Topics in Evolutionary Biology (3)
Advanced topics in evolutionary biology, including evolutionary patterns, the nature of selection, adaptation, macroevolution, the application of molecular biology to evolution and philosophical issues of evolution. Offered alternate fall semesters. (Formerly BIO 482)
Prerequisite(s): (BIO 301 or BIO 3330), (BIO 353 or BIO 3350), and (BIO 387 or BIO 3340) with a grade of 2.0 or higher; or permission of instructor.

BIO 4350 - Topics in Behavioral Biology (3)
The ecology, evolution, genetics and physiology of behavior, especially social behavior. Topics will include kin recognition, mate choice, dominance hierarchies and the mechanisms by which societies are organized. Offered alternate winter semesters. (Formerly BIO 484)
Prerequisite(s): (BIO 353 or BIO 3350) with a grade of 2.0 or higher.

BIO 4400 - Advanced Genetics (4)
A continuation of (BIO 341 or BIO 3400). Topics include methods of gene discovery through analysis of genetic variation, genetics of complex traits (in which multiple genes and environment interact), non-classical modes of inheritance, and applied topics such as the use of genetics in medicine and forensics. (Formerly BIO 419)
Prerequisite(s): (BIO 341 or BIO 3400) with a grade of 2.0 or higher and either (STA 225 or STA 2220), (STA 226 or STA 2226), or (STA 228 or STA 2222).

BIO 4402 - Human Genetics (4)
Introduction to classical and molecular inheritance, genetic processes of humans with particular emphasis on human genetic diseases. Topics include gene mapping, genetic diseases, molecular screening. Course restricted to biomedical sciences majors. (Formerly BIO 475)
Prerequisite(s): (BIO 207 or BIO 2600) or (BIO 321 or BIO 3620) with a grade of 2.0 or higher.

BIO 4412 - Functional Genomics and Bioinformatics (4)
Use and implementation of computer software for sequence analysis of nucleic acids and proteins. Emphasis on gene discovery, annotation, building phylogenetic histories, and state-of-the-art strategies used for gene expression analysis of an organism from a genome-wide perspective. (Formerly BIO 443)
Prerequisite(s): (BIO 341 or BIO 3400)

BIO 4413 - Functional Genomics and Bioinformatics Laboratory (1)
Explores molecular biology, genomics and bioinformatics techniques useful in study of genomes and proteomes. (Formerly BIO 444)
Pre/Corequisite(s): (BIO 443 or BIO 4412) (if prerequisite, with a grade of 2.0 or higher).

BIO 4510 - Virology (4)
Fundamentals of virology including classification of bacteriophages, plant and animal viruses, viral multiplication, and pathogenesis. (Formerly BIO 437)
Prerequisite(s): (BIO 309 or BIO 3210) or (BIO 319 or BIO 3500), or (BIO 325 or BIO 3232) or (CHM 453 or CHM 4254) or (BCM 453 or BCM 4254) with a grade of 2.0 or higher.

BIO 4511 - Microbial Biotechnology (4)
Microbial genetics, emphasizing the basic aspects of bacteriophage and plasmid genetics applied to biotechnology. (Formerly BIO 441)
Prerequisite(s): (BIO 341 or BIO 3400) or (BIO 319 or BIO 3500) with a grade of 2.0 or higher.

BIO 4530 - Medical Microbiology (4)
Bacterial and viral human pathogens, emphasizing their etiology, physiology, pathogenesis, epidemiology, control and diagnosis. (Formerly BIO 421)
Prerequisite(s): (BIO 325 or BIO 3232) or (CHM 453 or CHM 4254) or (BCM 453 or BCM 4254) with a grade of 2.0 or higher.

BIO 4610 - Advanced Topics in Cell Physiology (4)
Discussion and lecture course offered by faculty members with research interests in cell physiology. Topics to be announced. (Formerly BIO 413)

BIO 4620 - Advanced Human Physiology (4)
Lectures and discussion emphasizing the experimental basis and current techniques for the study of human systems. Topics include: neuromuscular, cardiovascular, respiratory, and renal physiology. (Formerly BIO 401)
Prerequisite(s): (BIO 207 or BIO 2600) or (BIO 321 or BIO 3620) with a grade of 2.0 or higher.

BIO 4622 - Endocrinology (4)
Endocrine systems, mechanisms of hormone action, interactions among hormones, the roles of hormones in growth, differentiation, and reproduction; tumor suppressor genes and oncogenes. Emphasis will be placed on human endocrine disorders and their clinical significance. (Formerly BIO 409)
Prerequisite(s): (BIO 207 or BIO 2600) or (BIO 321 or BIO 3620) with a grade of 2.0 or higher.

BIO 4629 - Scientific Inquiry (1)
Integrative laboratory based experience focused on a single medically relevant topic. Exercises will range from basic cell/biochemical to virtual simulations of physiological processes to data mining of available biomedical databases through societal impacts. Course restricted to biomedical sciences majors. (Formerly BIO 492)

BIO 4660 - Integrative Pharmacology (4)
Introduction to human pharmacology with emphasis on an integrative approach to encompass clinical application, physiological functions, pharmacological principles, biochemistry of actions. Offered fall semester. Course restricted to biomedical science majors. (Formerly BIO 493)
Prerequisite(s): (BIO 207 or BIO 2600) or (BIO 321 or BIO 3620) , and (BIO 325 or BIO 3232) or (CHM 453 or CHM 4254) or (BCM 453 or BCM 4254), each with a grade of 2.0 or higher.

BIO 4900 - Selected Topics in Biology (1 TO 5)
Advanced topics in a specialized area of biological sciences. The topics and prerequisites may vary. May be repeated for additional credit. (Formerly BIO 491)

BI**O 4930 – Introduction to Human Subjects Research I(4**)
Structured research learning experience for pre-medical students; basic concepts, topics of clinical research, and structure of clinical research; clinical epidemiology, evidence-based medicine, data analysis, relevant medical pathophysiology, diagnostics and therapeutics. (Formerly BIO 430).
Prerequisite(s): Junior standing.

BIO 4932 - Introduction to Human Subjects Research II (1 TO 4)
Structured research learning experience for pre-medical students, advanced concepts, topics of clinical research, and structure for clinical research; clinical epidemiology, evidence-based medicine, data analysis, relevant medical pathophysiology, diagnostics and therapeutics. Fulfills the laboratory experience requirement. (Formerly BIO 432).
Prerequisite(s): (BIO 430 or BIO 4930).

BIO 4970 - Scientific Inquiry and Communication (4)
Synthesis of several sub disciplines in biological sciences using technical reports, articles in the popular press and on the Internet. Integration of life sciences with history, fine arts, other cultures, social and ethical issues addressed through a variety of methods of inquiry with emphasis on communication skills and critical thinking. (Formerly BIO 495). Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement. Satisfies the university general education requirement for the capstone experience.
Prerequisite(s): senior standing.

BIO 4972 - Integrative Biomedicine and Disease (4)
Investigation of clinically relevant diseases using an integration of biological sub disciplines. Technical reports, journal articles, and articles in the popular press, historical records, and internet resources will be used to investigate treatment of pathological conditions, cultural effects of diseases, historical impacts and ethics of managing different diseases. Oral and written communication and critical thinking skills will be emphasized. Course restricted to biomedical sciences majors. Offered winter semester. Satisfies the university general education requirement for the capstone experience. Satisfies the university general education requirement for a writing intensive course in the major. (Formerly BIO 499)
Prerequisite(s): completion of the university writing foundation requirement. (BIO 493 or BIO 4660) with a grade of 2.0 or higher.

BIO 4995 - Independent Research (1 TO 4)
Directed undergraduate research in laboratory, field or theoretical biology. Should be initiated before or during the junior year. May be taken for a numeric grade (research paper required) by written arrangement with a biology faculty supervisor for a maximum of 4 credits. May be taken for an S/U grade (no paper required) by written arrangement with a biology supervisor for a maximum of 8 credits. (BIO 490 or BIO 4995) counts as one laboratory course for the major.(Formerly BIO 490)
Prerequisite(s): written agreement with a biology faculty supervisor.

BIO 4997 - Apprentice College Teaching (2)
Assisting in presenting a course, usually a laboratory course, to undergraduates. May be taken more than once. Cannot be counted as a biology laboratory course. (Formerly BIO 497)
Prerequisite(s): written agreement with a biology faculty supervisor.

Department of Chemistry

260 Mathematics and Science Center
(248) 370-2320
Fax: (248) 370-2321

Department Website

Chairperson: *Roman Dembinski*

Distinguished professor emeritus: *Paul Tomboulian*

Professors emeriti: *Gottfried Brieger, Arthur W. Bull, Denis M. Callewaert, Dagmar Cronn, Julien Gendell, Kenneth M. Harmon, Steven R. Miller, Kathleen H. Moore, Joel W. Russell, R. Craig Taylor*

Distinguished professors: *Michael D. Sevilla, Maria Szczesniak Bryant*

Professors: *Sitaramayya Ari, Ferman Chavez, Roman Dembinski, Nessan J. Kerrigan, John V. Seeley, Xiangqun Zeng*

Associate professors: *Sanela Martic, Linda Schweitzer*

Assistant professors: *David Szlag, Evan Trivedi, Marta Wloch, Colin Wu, Ziming Yang*

Adjunct professors: *David Becker, Grzegorz Chalasinski, Anna C. Ettinger, Om Goel, Gholam-Abbas Nazri, D. David Newlin, Joseph R. Stetter*

Adjunct associate professors: *Klaus Friedrich, James S. Dusenbury, Stacy K. Seeley*

Adjunct assistant professors: *Janet Bennett, Gerald G. Compton, Naomi Eliezer, Jessica V. Koppen, Jennifer Tillinger*

Lecturers: *Marcella Colling, Charlene Hayden, Douglas Herzog, Gaylon Jolley, James Leidel, Thomas Ott, Hari Prasad, Mark Richardson, Wendy Wilson*

Chief adviser: *Jennifer Tillinger*

Oakland University's chemistry programs offer students the laboratories and equipment typically found at larger universities while retaining strong emphasis on the undergraduate education and informal student-faculty relations characteristic of smaller liberal arts colleges. Additionally, research opportunities are available to qualified undergraduates.

The Department of Chemistry provides highly professional chemistry programs, as well as the liberal arts dedication to developing the highest intellectual and creative potential of its students. The department offers programs of study leading to Bachelor of Arts, Bachelor of Science and Master of Science degrees

in chemistry and a Doctor of Philosophy degree in biomedical sciences with specialization in health and environmental chemistry.

High school students intending to major in chemistry should refer to the Admissions section of the catalog for specific preparation requirements.

Planning a Program in Chemistry

Curricula leading to a major in chemistry are quite structured, since knowledge is developed cumulatively in a four-year sequence. This leads to a fairly prescribed order of course presentation with a number of specific course requirements. Students interested in pursuing a program of study in chemistry should consult with a departmental adviser and file a program plan as early as possible in their college career.

Admission to Major Standing

To be eligible for a degree in chemistry, students should be admitted to major standing by the department at least three semesters before graduation. Students must consult with the chemistry department chief adviser and file an application for admission to major standing, which includes a curriculum plan, during the term in which they first take a 3000-4000 level chemistry course. This procedure is designed to ensure that an appropriate plan of study is completed by graduation.

Applications for major standing in chemistry will be approved after completion of CHM 1440/1470, CHM 1450/1480, CHM 2200, CHM 2340-CHM 2350, CHM 2370, PHY 1510/1100 and MTH 1554 with a grade point average of 2.00 or better.

Coursework more than 10 years old is subject to reevaluation by the department. An examination may be required to demonstrate proficiency in areas covered by such courses.

American Chemical Society Certification

The Department of Chemistry's faculty members, facilities and curriculum meet the criteria of the American Chemical Society. This allows the department to certify chemistry students as eligible for society membership. Certification is granted to students who have successfully completed the requirements for the Bachelor of Science degree with a major in chemistry.

Research

The Department of Chemistry offers exceptional opportunities year-round for interested and qualified students to participate in faculty research. Course credit for research may be earned in CHM 2995, CHM 4995, and CHM 4996. In addition, employment opportunities or fellowships are often available. Such research experience is of particular value to students preparing for graduate study or industrial employment.

Students should feel free to discuss research opportunities with members of the chemistry faculty. Specific arrangements with an individual faculty member must be made before enrollment in CHM 2995, CHM 4995, or CHM 4996.

Departmental Honors

Departmental honors may be awarded to graduating seniors in chemistry who have been recommended for honors by their research advisers and have completed all required science courses with high grades.

Advanced Courses in Chemistry

Students pursuing a major in chemistry, B.S. program, take 8 credits of advanced courses in areas of interest. In addition to the courses listed in this catalog, the following advanced courses are open to qualified undergraduates: CHM 5210 and 5900, Advanced Analytical Chemistry and Topics in Analytical Chemistry; CHM 5340 and 5901, Advanced Organic Chemistry and Topics in Organic Chemistry; CHM 5400, Symmetry in Chemistry; CHM 5410 and 5420, Advanced Physical Chemistry and Topics in Physical Chemistry; CHM 5530 and 5902, Advanced Biochemistry and Topics in Biochemistry; and CHM 5630 and 5903, Advanced Inorganic Chemistry and Topics in Inorganic Chemistry. See the *on-line Oakland University Graduate course listings* for course descriptions.

Biochemistry Program

In cooperation with the Department of Biological Sciences, the Department of Chemistry offers a Bachelor of Science degree with a major in biochemistry. Courses used to fulfill the requirements for a major in biochemistry may not be used simultaneously to fulfill the requirements for a major or minor in chemistry.

Pre-Medical Studies Concentration: Medicine, Dentistry, Optometry and Veterinary Medicine

The Bachelor of Science degree with a major in biochemistry provides students with all the requirements for a pre-medical studies concentration. The Bachelor of Science degree and the Bachelor of Arts degree with a major in chemistry provide students with all the requirements for a pre-medical studies concentration with the exception of five courses in biology/biochemistry that must be completed. Students interested in a medical career should refer to the pre-medical studies concentration in medicine, dentistry, optometry and veterinary medicine (Other College of Arts and Sciences Academic Options) and consult with the chemistry or biochemistry adviser and with the pre-medical studies adviser.

Course Offerings

The department offers selected courses from this catalog as warranted by student needs and availability of faculty. Specific offerings for each term may be found in the *Schedule of Classes*: sail.oakland.edu

The various introductory chemistry courses (CHM 1040, CHM 1430, CHM 1440/1470 and CHM 1450/1480) are for students in different majors with different levels of mathematical and physical science preparation. Students who do not place in MTH 0662 or a higher MTH course are advised to complete MTH 0661 prior to enrolling in any chemistry course. Students must consult with the chemistry department adviser or their major adviser before enrolling in CHM 1040 or CHM 1430.

CHM 1040 is designed primarily for pre-nursing students. Computer science and engineering students may enroll in CHM 1430 or CHM 1440/1470. Science majors (biology, biochemistry, chemistry, environmental health, physics) and students majoring in the health sciences should enroll in CHM 1440/1470.

CHM 1440/1470 and CHM 1450/1480 are prerequisite to all higher chemistry courses except CHM 2010 and CHM 3000. Credit will be allowed for only one of each of the following series of courses: CHM 1040, CHM 1430, CHM 1440/1470. Credit will not be allowed in major and minor programs in chemistry, biology or physics for CHM 2010 and CHM 3000, except for CHM 3000, which is allowed for the STEP majors in biology and chemistry.

Programs

- Chemistry (ACS Certified), B.S.
- Chemistry Minor
- Chemistry Secondary Teaching Minor
- Chemistry, B.A.
- Chemistry, STEP

Chemistry (ACS Certified), B.S.

Requirements for the Bachelor of Science degree with a major in chemistry (ACS certified)

The Bachelor of Science degree with a major in chemistry consists of the core curriculum and corequisite courses plus a set of advanced courses. In selecting advanced courses, students may tailor their programs to fit specific career objectives, such as industrial chemistry, biochemistry, graduate study, research, medicine or dentistry. Students should plan their programs in consultation with a faculty adviser. Advanced course programs must be approved as part of the application for major standing.

To earn a Bachelor of Science degree with a major in chemistry, a student must be approved for major standing and must complete the core curriculum, which includes eight elective credits in chemistry at the 4000 level of which at least two credits must be laboratories. The specific selection of the eight elective credits in chemistry at the 4000 level must be approved in writing by the chemistry department's chief adviser. CHM 4996 Independent Research (3 credits) or

CHM 4257 - Biochemistry Laboratory (3 credits) may be included as part of the elective credits in chemistry, as these courses satisfy the laboratory requirement as well as the general education capstone requirement. CHM 4995 may not be used to satisfy the 4000 level elective credits for the major. The full degree requirements for the Bachelor of Science degree with a major in chemistry are detailed below.

Core curriculum

- CHM 1440 - General Chemistry I **(4)** and CHM 1470 - General Chemistry Laboratory I
- CHM 1450 - General Chemistry II **(4)** and CHM 1480 - General Chemistry Laboratory II
- CHM 2200 - Introduction to Computational Chemistry **(2)**
- CHM 2340 - Organic Chemistry I **(4)**
- CHM 2350 - Organic Chemistry II **(4)**
- CHM 2370 - Organic Chemistry Laboratory **(2)**
- CHM 3250 - Analytical Chemistry **(4)**
- CHM 3420 - Physical Chemistry I **(4)**
- CHM 3430 - Physical Chemistry II **(4)**
- CHM 3480 - Physical Chemistry Laboratory **(2)**
- CHM 3620 - Descriptive Inorganic Chemistry **(3)**
- CHM 4000 - Seminar **(0)** (two semesters)
- CHM 4380 - Inorganic/Organic Laboratory **(2)**
- CHM 4254 - Biochemistry I **(3)** or BCM 4254 - Biochemistry I
- Eight credits in advanced chemistry courses (4000 level or above). At least 2 credits must be laboratories. Recommended laboratory courses are CHM 4996 or CHM 4257, either of which satisfy the capstone requirement.

Corequisite courses

- MTH 1554 - Calculus I **(4)**
- MTH 1555 - Calculus II **(4)**
- PHY 1510 - Introductory Physics I **(4)** and PHY 1100 - General Physics Lab I
- PHY 1520 - Introductory Physics II **(4)** and PHY 1110 - General Physics Lab II

Recommended elective

- CSI 1300 - Introduction to Computer Programming **(4)**

Admission to major standing

Admission to major standing by the department is required at least three semesters before graduation. Students must consult with the chemistry department chief adviser and file an application for admission to major standing, which includes a curriculum plan, during the term in which they first take a 3000-4000 level chemistry course. This procedure is designed to ensure that an appropriate plan of study is completed by graduation. Application for major standing in chemistry will be approved after completion of CHM 1440 /1470, CHM 1450 /1480, CHM 2200, CHM 2340, CHM 2350, CHM 2370, PHY 1510 and MTH 1554 with a grade point average (GPA) of 2.00 or better.

American Chemical Society certification

The Department of Chemistry's faculty members, facilities and curriculum meet the criteria of the American Chemical Society. This allows the department to certify chemistry students as eligible for society membership. Certification is granted to students who have successfully completed the requirements for the Bachelor of Science degree with a major in chemistry.

Chemistry Minor

Requirements for the liberal arts minor in chemistry

Students in other departments or the Bachelor of Integrative Studies program who wish to minor in chemistry must complete the following requirements:

- CHM 1440 - General Chemistry I **(4)** and CHM 1470 - General Chemistry Laboratory I
- CHM 1450 - General Chemistry II **(4)** and CHM 1480 - General Chemistry Laboratory II
- CHM 2340 - Organic Chemistry I **(4)**
- CHM 2350 - Organic Chemistry II **(4)**
- CHM 3250 - Analytical Chemistry **(4)**
- CHM 3420 - Physical Chemistry I **(4)**

Additional information

A minimum of 8 credits in chemistry must be earned at Oakland University. An approved concentration/minor authorization form must be filed three semesters prior to graduation.

Chemistry Secondary Teaching Minor

Requirements for the secondary teaching minor in chemistry

A minimum of 20 credits in chemistry is required for the secondary teaching minor in chemistry. Students transferring equivalent courses must still meet this 20-credit minimum.

These must include

- CHM 1440 - General Chemistry I **(4)** and CHM 1470 - General Chemistry Laboratory I
- CHM 1450 - General Chemistry II **(4)** and CHM 1480 - General Chemistry Laboratory II

Plus CHM courses from one of the following two options

Option 1 - Restricted to students who also take BIO 3232 (e.g., biology majors)

- CHM 2340 - Organic Chemistry I **(4)**
- CHM 2200 - Introduction to Computational Chemistry **(2)**
- CHM 3250 - Analytical Chemistry **(4)**

Option 2 - Non-biology majors would normally select this option

- CHM 2010 - Introduction to Organic and Biological Chemistry **(4)**
- CHM 2200 - Introduction to Computational Chemistry **(2)**
- CHM 3250 - Analytical Chemistry **(4)**

Additional information

Non-science majors must complete an additional 4 credits in science for a total of 24 credits. In addition SED 4100 - ST: Teaching Secondary in the Minor Methods (chemistry) is required.

Generally, application to OU STEP requires a minimum cumulative grade point average of 3.0 in courses in the major and the minor. To progress into the internship year, students admitted to the OU STEP must maintain a minimum GPA of 3.00 in both their major and minor coursework, with no single course grade below 2.0.
Second undergraduate degree candidates completing the minor may be required to take additional courses at Oakland University beyond the stated minimums. Students must consult with the secondary education minor adviser in the department.

Chemistry, B.A.

Requirements for the liberal arts major in chemistry, B.A. program

This curriculum is for students who wish to incorporate a science major into a broader liberal arts program or who desire a foundation in chemistry as a basis for study in chemical physics, medicine and related fields, environmental studies, and technical-legal or technical-business careers. Students interested in sales or management careers in the chemical industry might consider taking the minor in general business offered by the School of Business Administration. Note that either CHM 4996 or CHM 4257/BCM 4257 - Biochemistry Laboratory satisfies the university general education requirement for the capstone course.
To earn a Bachelor of Arts degree with a major in chemistry, students must be approved for major standing and must complete the core curriculum, which requires a minimum of 42 credits in chemistry and 16 credits of co-requisite courses, including:

Core curriculum

- CHM 1440 - General Chemistry I **(4)** and CHM 1470 - General Chemistry Laboratory I
- CHM 1450 - General Chemistry II **(4)** and CHM 1480 - General Chemistry Laboratory II
- CHM 2200 - Introduction to Computational Chemistry **(2)**
- CHM 2340 - Organic Chemistry I **(4)**
- CHM 2350 - Organic Chemistry II **(4)**
- CHM 2370 - Organic Chemistry Laboratory **(2)**
- CHM 3250 - Analytical Chemistry **(4)**
- CHM 3420 - Physical Chemistry I **(4)**
- CHM 3430 - Physical Chemistry II **(4)**
- CHM 3480 - Physical Chemistry Laboratory **(2)**
- CHM 3620 - Descriptive Inorganic Chemistry **(3)**

- CHM 4000 - Seminar **(0)** *(two semesters)*
- CHM 4380 - Inorganic/Organic Laboratory **(2)**
- CHM 4254 - Biochemistry I **(3)** or BCM 4254 - Biochemistry I

Corequisite courses

- MTH 1554 - Calculus I **(4)**
- MTH 1555 - Calculus II **(4)**
- PHY 1510 - Introductory Physics I **(4)** and PHY 1100 - General Physics Lab I
- PHY 1520 - Introductory Physics II **(4)** and PHY 1110 - General Physics Lab II

Recommended elective

- CSI 1300 - Introduction to Computer Programming **(4)**

Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts and Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

Chemistry, STEP

Adviser: *John V. Seeley*
The Secondary Teacher Education Program (STEP) at Oakland University is an extended program of study leading to certification. Generally, eligibility for admission to the STEP requires a minimum GPA of 3.00 in both the major and the minor and an overall GPA of 2.80 or better. No single major or minor course grade may be below 2.0. Second-undergraduate degree candidates completing majors and/or minors may be required to complete additional course-work at Oakland University beyond the stated minimums. Students in this program must complete the requirements for a B.A. or B.S. degree in chemistry in the College of Arts and Sciences and concurrently fulfill the major requirements listed below.

1. One course in earth science chosen from

- PHY 1060 - Earth Science/Physical Geography **(4)**
- ENV 3080 - Introduction to Environmental Studies **(4)**
- ENV 3730 - Water Resources **(3)**
- (or another course approved by the chemistry STEP adviser)

2. One course in science, technology and society

- CHM 3000 - Chemistry, Society Health **(4)**

3. One course in biology

- BIO 1200 - Biology I **(4)** (or another course approved by the chemistry STEP adviser)

Additional information

A program in STEP must include either a 20-28 credit secondary teaching minor or an integrated science endorsement. Furthermore, STEP chemistry majors must also complete a sequence of undergraduate course-work in education to include SED 3000 (must be completed prior to STEP application), DLL 4197, FE 3010, RDG 4238 and SED 4100 (must be completed prior to the final internship semester). Extended study including SE 4401, SED 4200 and SED 4950 is also required.
Further details on program and admission requirements and procedures can be found in the School of Education and Human Services portion of the catalog and by consulting advisers in the Department of Chemistry and the School of Education and Human Services Advising Office, 363 Pawley Hall, (248) 370-4182.

Secondary Teacher Education Program (STEP): Endorsement Concentration in Integrated Science

Students pursuing the STEP chemistry major are eligible to pursue an Integrated Science endorsement. Students who complete both the STEP chemistry major and the STEP Integrated Science program will be recommended for certification by Oakland University to teach the following subjects at the secondary level: biology, chemistry, earth science, life science, physical science and physics. This program may be substituted for a secondary teaching minor.

Students must complete the STEP chemistry major and also have taken the following courses

- BIO 1200 - Biology I **(4)**
- BIO 1300 - Biology II **(4)**

- CHM 1440 - General Chemistry I **(4)** and CHM 1470 - General Chemistry Laboratory I
- CHM 1450 - General Chemistry II **(4)** and CHM 1480 - General Chemistry Laboratory II
- CHM 2340 - Organic Chemistry I **(4)**
- ENV 3080 - Introduction to Environmental Studies **(4)**
- PHY 1010 - General Physics I **(4)** or PHY 1510 - Introductory Physics I
- PHY 1100 - General Physics Lab I **(1)**
- PHY 1020 - General Physics II **(4)** or PHY 1520 - Introductory Physics II
- PHY 1110 - General Physics Lab II **(1)**
- PHY 1040 - Astronomy: The Solar System **(4)**
- PHY 1060 - Earth Science/Physical Geography **(4)** or GEO 1060 - Earth Science/Physical Geography

Additional program information

STEP chemistry majors should note that many of the courses listed above may have already been taken in the process of completing the STEP chemistry major.
A cumulative grade point average of 3.00 is required in courses in the program, with no single course grade below 2.0. Second undergraduate degree candidates completing the program may be required to take additional courses at Oakland University beyond the stated minimums. Students must consult with the STEP chemistry adviser.

Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

Course Descriptions

CHM 1040 - Introduction to Chemical Principles (4)
Study of principles of general chemistry. Prepares students for (CHM 201 or CHM 2010). Recommended preparation: high school algebra and chemistry. *Satisfies the university general education requirement in the natural science and technology knowledge exploration area. Students must attend four general education laboratory sessions during the semester. (Formerly CHM 104)*
Prerequisite(s): (MTH 061 or MTH 0661) with a minimum grade of 2.0 or placement in (MTH 062 or MTH 0662) or higher MTH course.

CHM 1430 - Chemical Principles (4)
States of matter, atomic structure, bonding and molecular structure, chemical reactions. This course has common lectures with (CHM 144 or CHM 1440). (CHM 143 or CHM 1430) does not satisfy the university general education requirement in the natural science and technology knowledge exploration area. Recommended preparation is three years of high school mathematics and one year of high school chemistry. Restricted to engineering and computer science majors. (Formerly CHM 143).
Prerequisite(s): Score of 20 or higher on ACT mathematics exam; score of 510 or higher on SAT mathematics exam; or (MTH 062 or MTH 0662) or equivalent; or placement above (MTH 062 or MTH 0662).

CHM 1440 - General Chemistry I (4)
States of matter, atomic structure, bonding and molecular structure, chemical reactions. Recommended preparation is three years high school mathematics and one year of high school chemistry. (CHM 144 or CHM 1440) and (CHM 147 or CHM 1470) replace lecture/lab. (Formerly CHM 144). (CHM 144 or CHM 1440) and (CHM 147 or CHM 1470) together satisfy the university general education requirement in the natural science and technology knowledge exploration area.
Prerequisite(s): score of 20 or higher on ACT mathematics exam; score of 510 or higher on SAT mathematics exam; or (MTH 062 or MTH 0662) or equivalent; or placement above (MTH 062 or MTH 0662).
Corequisite(s): (CHM 147 or CHM 1470)

CHM 1450 - General Chemistry II (4)
Chemical reactions, kinetics, equilibrium, acid-base chemistry, thermodynamics, and electrochemistry. (Formerly CHM 145)
Prerequisite(s): (CHM 144 or CHM 1440) and (CHM 147 or CHM 1470) or (CHM 143 or CHM 1430) and (CHM 147 or CHM 1470)
Corequisite(s): (CHM 148 or CHM 1480)

CHM 1470 - General Chemistry Laboratory I (1)
Experimental investigation of chemical phenomena and measurements to accompany (CHM 144 or CHM 1440). May be taken with permission by students who have completed (CHM 143 or CHM 1430). (Formerly CHM 147)
Corequisite(s): (CHM 144 or CHM 1440)

CHM 1480 - General Chemistry Laboratory II (1)
Training in basic techniques of chemistry experimentation. (Formerly CHM 148)
Prerequisite(s): (CHM 144 or CHM 1440) and (CHM 147 or CHM 1470) or (CHM 143 or CHM 1430) and (CHM 147 or CHM 1470)
Corequisite(s): (CHM 145 or CHM 1450)

CHM 2000 - Special Topics in Chemistry (1 TO 4)
Study of a selected topic in chemistry. Prerequisites may vary. May be repeated for additional credit. (Formerly CHM 200)

CHM 2010 - Introduction to Organic and Biological Chemistry (4)
Brief survey of organic and biological chemistry, emphasizing applications to human physiology. (CHM 201 or CHM 2010) may not be used for major or minor credit in chemistry, biology or physics, except for the STEP minor in chemistry. (Formerly CHM 201)
Prerequisite(s): (CHM 104 or CHM 1040)

CHM 2200 - Introduction to Computational Chemistry (2)
Introduction to the use of modern computational methods for the solution of chemical problems, with emphasis on the use of high-level software packages. Topics include elementary computational procedures, statistical treatment of experimental data, graphical methods, and an introduction to molecular modeling. No computer programming experience required. (Formerly CHM 220)
Prerequisite(s): (CHM 145 or CHM 1450) and (CHM 148 or CHM 1480); (MTH 154 or MTH 1554) or (MTH 122 or MTH 1222) recommended.

CHM 2340 - Organic Chemistry I (4)
Introduction to the structure, properties and reactivity of organic compounds. (Formerly CHM 234)
Prerequisite(s): (CHM 145 or CHM 1450) and (CHM 148 or CHM 1480)

CHM 2350 - Organic Chemistry II (4)
A continuation of (CHM 234 or CHM 2340). A study of the organic chemistry of functional groups and an introduction to biologically important organic compounds. (Formerly CHM 235)
Prerequisite(s): (CHM 234 or CHM 2340)

CHM 2370 - Organic Chemistry Laboratory (2)
Basic organic laboratory manipulations at the semi-micro level, synthesis, spectroscopy and chromatography. (Formerly CHM 237)
Prerequisite(s): (CHM 234 or CHM 2340)

CHM 2995 - Introduction to Research (1 TO 4)
Introduction to laboratory research for students with no previous research experience. May be repeated for credit. Graded S/U. (Formerly CHM 290)
Prerequisite(s): permission of instructor.

CHM 3000 - Chemistry, Society Health (4)
Designed for non-science majors and STEP chemistry majors and minors. Applies chemistry to environmental topics including smog, ozone depletion, global climate changes, water pollution, acid rain, fossil fuel and nuclear and alternative energies. Several in-class laboratory experiences included. *Satisfies the university general education requirement in the natural science and technology knowledge exploration area. Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. (Formerly CHM 300)*
Prerequisite(s): completion of the university writing foundation requirement.

CHM 3250 - Analytical Chemistry (4)
Acid-base, complexation, precipitation, oxidation-reduction and phase-distribution principles, along with fundamentals of spectroscopy, chromatography and statistics, are studied and applied to chemical analysis. Four hours of lecture and eight hours of laboratory per week. (Formerly CHM 325)
Prerequisite(s): (CHM 145 or CHM 1450) and (CHM 148 or CHM 1480)

CHM 3420 - Physical Chemistry I (4)
Kinetics, applications of thermodynamics to chemical systems and equilibria. (Formerly CHM 342)
Prerequisite(s): (CHM 145 or CHM 1450) and (CHM 148 or CHM 1480); (MTH 155 or MTH 1555); (PHY 152 or PHY 1520) and (PHY 111 or PHY 1110)

CHM 3430 - Physical Chemistry II (4)
Introduction to quantum mechanics, statistical mechanics and molecular spectroscopy. This course may be taken before (CHM 342 or CHM 3420). (Formerly CHM 343)
Prerequisite(s): (CHM 145 or CHM 1450) and (CHM 148 or CHM 1480), (MTH 155 or MTH 1555) and (PHY 152 or PHY 1520) and (PHY 111 or PHY 1110)

CHM 3480 - Physical Chemistry Laboratory (2)
Experiments in thermodynamics, kinetics, phase equilibria, and advanced spectroscopy with emphasis on mathematical treatment of experimental data. *Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly CHM 348)*
Prerequisite(s): (CHM 220 or CHM 2200), (CHM 325 or CHM 3250) and (CHM 342 or CHM 3420) or (CHM 343 or CHM 3430)

CHM 3620 - Descriptive Inorganic Chemistry (3)
Structure, bonding and reactivity of inorganic compounds. (Formerly CHM 362)
Prerequisite(s): (CHM 235 or CHM 2350)

CHM 4000 - Seminar (0)
Discussions of recent advances and topics of current interest; reports. Graded S/U. (Formerly CHM 400)
Prerequisite(s): junior or senior standing.

CHM 4100 - Environmental Chemistry (3)
Concepts from atmospheric and aquatic chemistry as it is applied to the environment such as photochemistry, global warming, ozone depletion, carbon cycle, equilibrium principles, acids and bases, complexation and dissolution, and electron transfer processes. Current topics in environmental issues and analytical methods will be discussed. (Formerly CHM 410)
Prerequisite(s): (CHM 234 or CHM 2340)

CHM 4120 - Atmospheric Chemistry (3)
Chemistry of atmospheric gases and aerosols. Environmental issues (stratospheric ozone depletion, global warming, photochemical smog, acid rain, biosphere/atmosphere interactions). Concepts (lifetimes, sources, sinks, transport, global cycles). Social issues (air quality standards, effects of air

pollutants). Measurement techniques. (Formerly CHM 412)
Prerequisite(s): (CHM 342 or CHM 3420)

CHM 4130 - Environmental Aquatic Chemistry (3)
Applications of inorganic and organic chemistry in natural waters pertaining to environmental concerns. Topics include acid-base reactions, buffer systems, mineral precipitation, chemical complexation, redox reactions, adsorption phenomena, chemical-equilibria, and the influence of organic chemicals on transfer and reaction processes in the environment. (Formerly CHM 413)
Prerequisite(s): (CHM 234 or CHM 2340)

CHM 4254 - Biochemistry I (3)
First course in a comprehensive biochemistry sequence. Structure and function of proteins, carbohydrates and lipids; enzyme mechanisms, kinetics and regulation; bioenergetics and catabolism. Identical with (BCM 453 or BCM 4254). (Formerly CHM 453)
Prerequisite(s): (CHM 235 or CHM 2350)

CHM 4256 - Biochemistry II (3)
Metabolic pathways and control; nucleic acid structure, function and processing, including regulation of gene expression. Selected topics in molecular physiology. Identical with (BCM 454 or BCM 4256). (Formerly CHM 454)
Prerequisite(s): (CHM 453 or CHM 4254) or BCM 453 or BCM 4254)

CHM 4257 - Biochemistry Laboratory (3)
Techniques of extraction, separation, identification and quantification of proteins and DNA including electrophoresis and various forms of chromatography; study of enzyme kinetics and regulation of catalytic activity; molecular biology methods including cloning, polymerase chain reaction, site-directed mutagenesis and expression and analysis of mutated proteins. Emphasis placed on mathematical treatment of experimental data. Identical with (BCM 457 or BCM 4257). (Formerly CHM 457). *Satisfies the university general education requirement for the capstone experience. Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive; completion of the university writing foundation requirement.*
Prerequisite(s): (CHM 453 or CHM 4254) or (BCM 453 or BCM 4254) which may be taken concurrently.

CHM 4320 - Advanced Organic Chemistry (3)
Selected topics in synthetic, structural and physical-organic chemistry. (Formerly CHM 432)
Prerequisite(s): (CHM 235 or CHM 2350)

CHM 4380 - Inorganic/Organic Laboratory (2)
Synthesis, analysis and characterization of organic and inorganic compounds. (Formerly CHM 438). (CHM 362 or CHM 3620) may be taken concurrently.
Prerequisite(s): (CHM 237 or CHM 2370) and (CHM 362 or CHM 3620)

CHM 4440 - Advanced Physical Chemistry (3)
Introduction to statistical mechanics. Applications of quantum and statistical mechanics to chemical bonding, molecular structure and spectroscopy. (Formerly CHM 444)
Prerequisite(s): (CHM 342 or CHM 3420), (CHM 343 or CHM 3430) and (MTH 254 or MTH 2554)

CHM 4580 - Biochemistry Projects (2)
Advanced project-oriented instruction in biochemical laboratory techniques. (Formerly CHM 458)
Prerequisite(s): (CHM 457 or CHM 4257) and permission of instructor

CHM 4700 - Industrial Chemistry (3)
Survey of the major sources and uses of chemicals, industrial chemical processes, fundamental raw materials and career paths available in the chemical industry. More intensive treatment of selected industrial processes. (Formerly CHM 470)
Prerequisite(s): (CHM 235 or CHM 2350)

CHM 4710 - Structure and Synthesis of Polymers (3)
Preparation, properties and structure of selected inorganic and organic polymers. Both chemical theory and technological and organic polymers. Both chemical theory and technological applications will be discussed. (Formerly CHM 471)
Prerequisite(s): (CHM 235 or CHM 2350)

CHM 4720 - Chemical and Physical Properties of Polymers (3)
The molecular principles governing the physical behavior of macromolecules in solution and in the glassy and crystalline states. The mechanical behavior and structure of macromolecules. (Formerly CHM 472)
Prerequisite(s): (CHM 471 or CHM 4710) and (CHM 343 or CHM 3430) or permission of instructor.

CHM 4900 - Selected Topics (1 TO 4)
Advanced study in selected areas; normally involves preparation of a term paper or presentation of a seminar. May be repeated for credit. (Formerly CHM 480)
Prerequisite(s): permission of instructor.

CHM 4995 - Research (1 TO 8)
Laboratory practice in undergraduate research, with at least four hours per week per credit. May be repeated for credit. Cannot be used to satisfy the chemistry major requirements for 4000-level courses. Graded S/U. (Formerly CHM 490)
Prerequisite(s): permission of instructor.

CHM 4996 - Independent Research (3)
Undergraduate research with at least eight hours per week in the laboratory. Requires a written report. *Satisfies the university general education requirement for the capstone experience. (Formerly CHM 491)*
Prerequisite(s): junior standing and permission of instructor.

CHM 4997 - Apprentice Chemistry Teaching (1 OR 2)
Supervised participation in teaching undergraduate or high school courses in chemistry. May be repeated once for credit. (Formerly CHM 497)
Prerequisite(s): permission of instructor.

Department of Communication and Journalism

316 WILSON HALL
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Department Website

Chairperson: *Jeffrey Youngquist*

Professor: *Sharon L. Howell*

Associate professors: *Kathleen M. Battles, Jacob Cayanus, Rose M. Cooper, Scott Crabill, Thomas Discenna, Rebekah Farrugia, Kellie Hay, Jennifer M. Heisler, David L. Lau, Lily Mendoza, Erin Meyers, Valerie Palmer-Mehta (director, Communication Program), Adina Schneeweis, Robert Sidelinger (supervisor, Communication Internships), Jeffrey Youngquist*

Assistant professors: *Seungae (Suzy) Lee, Rebecca Mercado-Jones, Sam Srauy, Chiaoning Su*

Special instructor: *Elizabeth Talbert*

Full-time adjunct instructors: *Garry Gilbert (director, Journalism Program), Holly Shreve Gilbert, Christine Stover*

Visiting instructor: *Laura Fry*

Lecturers in communication: *Scott Burke, Lisa Campbell, Amanda Fylan, Paul Fugate, Lynn Hartshorn, Brian Hlavaty (supervisor, Journalism Internships),Timothy Johnston, Catherine Jostock, Carol Anne Ketelsen, Stanislav Kozadayve, Jason Pennington, James Perkinson, Charles Rinehart, Martin Shafer, Debra Youngquist, Stefen Welch*

Lecturers in journalism: *Colleen Campbell, Susan Evans, Kelly Kozlowski, Kim Madeleine, Judith Sawyer, Ritu Sehgal, Catherine Shafran, Kaniqua Daniel*

Chief advisers: *Elizabeth Talbert (Communication), Holly Shreve Gilbert (Journalism)*

The Department of Communication and Journalism offers programs of study leading to the degree of Bachelor of Arts in Communication or Journalism, with the opportunity to concentrate in several areas within each major. Courses are available in interpersonal and organizational communication, media studies, rhetorical studies, critical/cultural studies, print and broadcast journalism, public relations, and advertising.

Departmental Honors and Scholarships

All communication and journalism majors with a university grade point average of 3.00 and a grade point average of 3.60 in the major are considered candidates for departmental honors. Honors are awarded to those candidates with the highest averages in major courses. The exact criterion varies from year to year. The department awards the following scholarships: the Donald C.Hildum Scholarship for communication students demonstrating academic promise and community involvement, the Oakland Press Scholarship for excellence in journalism, the Bunting and Briggs Freedom of the Press Scholarship, the Richard D. French public relations tuition award and the Nancy A. French award.

Programs

- Advertising Minor
- Communication Minor
- Communication, B.A.
- Digital Media Production Minor
- Interactive and Social Media Minor
- Journalism Minor
- Journalism, B.A.
- Public Relations and Strategic Communication, B.A.
- Public Relations Minor
- Relational Communication Minor

Advertising Minor

Requirements for the liberal arts minor in advertising

The liberal arts minor in advertising requires a minimum of 24 credits distributed as follows:

1. 12 credits in three core courses:

- JRN 2000 - Introduction to Journalism and News Writing **(4)**

- JRN 2400 - Introduction to Advertising **(4)**
- JRN 4950 - Journalism Internship **(4)** (*when applicable to advertising and approved by adviser*)

2. At least 12 credits selected from the following:

- JRN 3410 - Advertising Account Planning and Research **(4)**
- JRN 3420 - Advertising Creative Strategy **(4)**
- JRN 3440 - Advertising Copywriting **(4)**
- JRN 4200 - Media Design **(4)**
- JRN 4900 - Special Topics in Journalism **(4)** (*when applicable to advertising and approved by adviser*)

Note:

No more than 8 credits of course work used to satisfy the minor may be applied toward the major, but exceptions to this rule may be allowed with the written approval of the program directors.

Communication Minor

Requirements for the liberal arts minor in communication

To earn a minor in communication, students must complete a minimum of 20 credits in communication including:

1. Required courses

- COM 1000 - Introduction to Communication Studies **(4)**

Plus one of the following

- COM 2000 - Public Speaking **(4)**
- COM 2001 - Professional Communication **(4)**
- COM 2403 - Group Dynamics and Communication **(4)**

- COM 3080 - Competitive Speaking **(2)** (two semesters required for a total of 4 credits)

2. At least 8 credits selected from the following:

- COM 2200 - Rhetoric and Public Culture (4)
- COM 2201 - Argumentation and Debate (4)
- COM 2202 - Persuasion and Social Change (4)
- COM 2600 - Media and Social Identity (4)
- COM 2650 - Introduction to Media Communication (4)
- COM 3000 - Relational Communication Theory (4)
- COM 3002 - Cultural Theory in Communication (4)
- COM 3200 - Persuasion (4)
- COM 3201 - Rhetorical Theory (4)
- COM 3300 - Multicultural Communication (4)
- COM 3301 - Race and Communication (4)
- COM 3400 - Relational Communication (4)
- COM 3401 - Communication in Organizations (4)
- COM 3402 - Communication in Leadership (4)
- COM 3403 - Interpersonal Conflict (4)
- COM 3405 - Gender Communication (4)
- COM 3601 - Communication, Mobile Media, and the Internet (4)
- COM 3602 - Popular Media in the Age of Convergence (4)
- COM 3603 - Critical Approaches to Popular Music (4)
- COM 3606 - Media, Gender and Sexuality (4)
- COM 3607 - Rise of Electronic Media (4)
- COM 4200 - Rhetorical Criticism in Communication (4)
- COM 4203 - Women, Power, and Persuasion (4)
- COM 4300 - Hip-Hop, Race and the City (4)
- COM 4301 - Cultural Studies in Communication (4)
- COM 4400 - Advanced Relational Communication (4)
- COM 4401 - Family Communication (4)
- COM 4403 - Advanced Nonverbal Communication (4)
- COM 4600 - Media Criticism (4)
- COM 4601 - Theory and Practice of Media Literacy Outreach (4)
- COM 4602 - Sexuality and Communication (4)

3. At least 12 credits in communication courses must be at the 3000-4000 level.

Communication, B.A.

Requirements for the liberal arts major in communication, B.A. program

The major in communication combines theory and practice and emphasizes how people analyze and make responsible choices in diverse communication contexts. Students develop critical perspectives in order to evaluate different communication approaches. Students, as communicators, learn to choose the effect their actions have on others. They learn also to choose their roles as citizens in a democratic community. This responsibility requires that they gain an appreciation for humans across our varied differences, and that they create an ethical voice for building personal and public relationships.

To earn the Bachelor of Arts degree with a major in communication, students must complete a minimum of 40 credits, of which 20 credits must be at the 3000 level or above, plus language and writing corequisite courses.

The requirements include:

1. Required courses (must be completed with a grade of 2.0 or higher)

- COM 1000 - Introduction to Communication Studies **(4)**
- COM 3300 - Multicultural Communication **(4)**

Plus one course in public address (must be completed with a grade of 2.0 or higher)

- COM 2000 - Public Speaking **(4)**
- COM 3080 - Competitive Speaking **(2)** (two semesters required for a total of 4 credits)
- COM 2001 - Professional Communication **(4)**

And one course in theory (must be completed with a grade of 2.0 or higher)

- COM 3000 - Relational Communication Theory **(4)**
- COM 3201 - Rhetorical Theory **(4)**
- COM 3002 - Cultural Theory in Communication **(4)**
- COM 3003 - Media and Mass Communication Theory **(4)**

2. One capstone course (must be completed with a grade of 2.0 or higher)

- COM 4930 - Community Field Experience **(4)**
- COM 4950 - Internship **(4)**
- COM 4901 - Senior Research Seminar **(4)**

3. One course from the Interpersonal group

- COM 3000 - Relational Communication Theory **(4)** (may satisfy the requirement either for theory or for the interpersonal group, but not both)
- COM 3400 - Relational Communication **(4)**
- COM 3401 - Communication in Organizations **(4)**
- COM 3402 - Communication in Leadership **(4)**
- COM 3403 - Interpersonal Conflict **(4)**
- COM 3405 - Gender Communication **(4)**
- COM 4400 - Advanced Relational Communication **(4)**
- COM 4401 - Family Communication **(4)**
- COM 4403 - Advanced Nonverbal Communication **(4)**
- COM 4499 - The Dark Side of Interpersonal Communication **(4)**
- COM 4602 - Sexuality and Communication **(4)**

4. One course from the Media group

- COM 2650 - Introduction to Media Communication **(4)**
- COM 2600 - Media and Social Identity **(4)**
- COM 3003 - Media and Mass Communication Theory **(4)** (may satisfy the requirement for theory or for the media group, but not both)
- COM 3601 - Communication, Mobile Media, and the Internet **(4)**
- COM 3602 - Popular Media in the Age of Convergence **(4)**
- COM 3603 - Critical Approaches to Popular Music **(4)**
- COM 3607 - Rise of Electronic Media **(4)**
- COM 3606 - Media, Gender and Sexuality **(4)**
- COM 4600 - Media Criticism **(4)**
- COM 4601 - Theory and Practice of Media Literacy Outreach **(4)**

5. One course from the Rhetoric/Critical Cultural group

- COM 2200 - Rhetoric and Public Culture (4)

- COM 2201 - Argumentation and Debate (4)
- COM 2202 - Persuasion and Social Change (4)
- COM 3002 - Cultural Theory in Communication (4) (may satisfy the requirement either for theory or for the rhetoric/critical cultural group, but not both)
- COM 3200 - Persuasion (4)
- COM 3201 - Rhetorical Theory (4) (may satisfy the requirement either for theory or for the rhetoric/critical cultural group, but not both)
- COM 3301 - Race and Communication (4)
- COM 4200 - Rhetorical Criticism in Communication (4)
- COM 4201 - Discourse Theory (4)
- COM 4203 - Women, Power, and Persuasion (4)
- COM 4300 - Hip-Hop, Race and the City (4)
- COM 4301 - Cultural Studies in Communication (4)
- COM 4302 - Communication, Culture and Ecology (4)

6. At least 8 credits in COM electives from among all COM course offerings

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7. Language corequisite (select one of the following)

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1. American Sign Language at the university level (COM 1500-COM 1501). COM 1500-COM 1501 will also satisfy the elective requirement (see #6 above) for the major in communication.
2. An introductory two-semester sequence in a foreign language or American sign language, OR one semester of a foreign language or American sign language at the 1501 level or higher. (4 credits of which will satisfy university general education language requirement).

8. Writing corequisite (select one of the following)

- JRN 2000 - Introduction to Journalism and News Writing **(4)**
- WRT 3064 - Writing About Culture: Ethnography **(4)**
- WRT 3082 - Business Writing **(4)**

Additional program information

Students using this catalog to meet communication major requirements may also use any course subsequently approved as satisfying requirements in a particular group and published in a later catalog.

Communication majors interested in careers in public relations or advertising are encouraged to minor in public relations or advertising. (See the Journalism Program section of this catalog.)

Communication majors may not minor in relational communication or interactive and social media.

Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts and Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

Digital Media Production Minor

Requirements for the liberal arts minor in Digital Media Production

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The liberal arts minor in digital media production requires a minimum of 24 credits distributed as follows:

1. Required core courses

- JRN 2000 - Introduction to Journalism and News Writing **(4)**
- COM 2656 - Introduction to Digital Media Production **(4)**

2. At least 16 credits selected from the following

Recommended for broadcasting emphasis: COM 2650, COM 2655, COM 2654, COM 3607, COM 3650, COM 4656

Recommended for mobile based or internet production emphasis: JRN 3310, JRN 3330, JRN 4100, JRN 4200, JRN 4350.

For students wishing an alternate emphasis, consult with the department's faculty adviser.

- COM 2650 - Introduction to Media Communication **(4)**
- COM 2654 - Audio Production **(4)**
- COM 2655 - Intro to Live TV Production **(4)**
- COM 3607 - Rise of Electronic Media **(4)**
- COM 3650 - Advanced Audio Production **(4)**
- COM 4656 - Advanced Digital Media Production **(4)**
- JRN 3310 - Digital Photojournalism **(4)**
- JRN 3330 - Digital TV News **(4)**
- JRN 4100 - Convergence Journalism **(4)**
- JRN 4200 - Media Design **(4)**
- JRN 4350 - Video Documentary Journalism **(4)**

No more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

Interactive and Social Media Minor

Requirements for the liberal arts minor in interactive and social media

The minor in interactive and social media requires a minimum of 20 credits as follows:

Core course

- COM 1000 - Introduction to Communication Studies **(4)**

An additional four classes from the following choices, with at least one course from each category, theory and practice

Theory

- COM 3000 - Relational Communication Theory **(4)**
- COM 3400 - Relational Communication **(4)**
- COM 3601 - Communication, Mobile Media, and the Internet **(4)**

- COM 3602 - Popular Media in the Age of Convergence **(4)**
- COM 4499 - The Dark Side of Interpersonal Communication **(4)**
- COM 4901 - Senior Research Seminar **(4)** (if appropriate; requires department approval)

Practice

- JRN 3290 - Digital Storytelling for the Media: Diversity, Identity, and Community **(4)**
- JRN 4100 - Convergence Journalism **(4)**
- * JRN 4950 - Journalism Internship **(4)** (with approval by the course director to ensure that it includes a proper focus on interactive or social media)
- * COM 4930 - Community Field Experience **(4)** (with approval by the course director to ensure that it includes a proper focus on interactive or social media)
- * COM 4950 - Internship **(4)** (requires department approval)

* Only one of these internship courses may count toward the minor.

Note

Students majoring in communication may not elect this minor.

Journalism Minor

Requirements for the liberal arts minor in journalism

The liberal arts minor in journalism requires a minimum of 24 credits distributed as follows:

1. Twelve credits in 3 core courses:

- JRN 2000 - Introduction to Journalism and News Writing **(4)**
- JRN 3000 - Advanced News Writing and Editing **(4)**
- JRN 4950 - Journalism Internship **(4)**

2. At least 12 elective credits in journalism courses

Journalism, B.A.

Requirements for the liberal arts major in journalism, B.A. program

The journalism major builds on the liberal arts education by teaching students skills and theory necessary to produce meaningful content for news, public relations and advertising organizations. The curriculum is designed to endow students with a solid practical and technical knowledge base as well as an understanding of the legal, ethical and theoretical aspects of journalism and its critical role in a democracy. Students learn the dual concepts of press freedom and press responsibility. Due to the broad nature of the journalism curriculum, students can either generalize or develop a special emphasis within the major by taking a series of courses in print journalism (including media design), broadcast and online journalism, public relations or advertising. Students in the program are encouraged to develop expertise in different disciplines through minors or a double major. All journalism majors must complete an internship and a senior portfolio is recommended.

To earn the Bachelor of Arts degree with a major in journalism, students must complete a minimum of 40 credits in journalism courses distributed as follows:

1. Core courses - 20 credits

- JRN 2000 - Introduction to Journalism and News Writing **(4)**
- JRN 3000 - Advanced News Writing and Editing **(4)**
- JRN 4020 - Ethical Issues in the Media **(4)**
- JRN 4030 - Media Law **(4)**
- JRN 4950 - Journalism Internship **(4)**

2. Visual journalism requirement - 4 credits selected from

- JRN 3310 - Digital Photojournalism **(4)**
- JRN 4100 - Convergence Journalism **(4)**
- JRN 4200 - Media Design **(4)**
- JRN 4350 - Video Documentary Journalism **(4)**

3. At least 16 elective credits in journalism courses

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4. Senior portfolio

The portfolio is a recommended exhibit of a journalism major's learned skills and experience. It should be posted online and include an introduction, resume and samples of published or broadcast work and /or pertinent scholarly research or projects. The internship often is the best source for portfolio content. Majors should contact the director during their junior year to discuss.

Note

Students using this catalog to meet journalism major requirements may also use any course subsequently approved as satisfying requirement in the visual journalism requirement category and published in a later catalog.

Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts and Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

Public Relations and Strategic Communication, B.A.

Admission to the major

Admission to the major in public relations and strategic communication is granted only by the department. Admission to the university does not constitute or guarantee admission to the major.

1. To be considered for admission to the major all students, as pre-majors, must attain a minimum 3.0 in each of the following three courses:

- WRT 1060 Composition II *****
- JRN 2000 Introduction to Journalism and News Writing *****
- JRN 2500 Introduction to Public Relations*

Students cannot apply for major standing until they have completed these courses. This requirement applies to incoming first-year students, transfer students, currently enrolled Oakland University students and students working on a second bachelor's degree.

**No more than one of these admission courses may be repeated for the purpose of determining eligibility.*

2. Transfer students may complete the equivalent courses at their previous college or university, but they must attain the minimum grade of 3.0 in the equivalent courses.

3. Students who have completed the required courses with minimum grades of 3.0 must complete and submit a **Declaration of Eligibility Form** in the department office to become part of the student major pool. Successful completion of the required admission courses does not guarantee admission to the major. Admission to the major is competitive and is determined by the satisfactory completion of the admission courses and cumulative GPA. This policy will apply to native and transfer students.

4. Admission to the major is based on:

- The number of majors that the department can reasonably accept without compromising the quality of its educational experience. No more than 30 students will be admitted to the major within an academic calendar year.
- The satisfactory completion of the admission courses and the student's cumulative GPA. The candidates with the highest-ranking GPA in the admission courses and cumulative GPA from the pool of applicants will be selected.
- Students should request public relations and strategic communication as their major by completing the **Declaration of Eligibility Form**. The form should be completed during finals week before the semester deadlines. The department will wait until all grades are in before processing applications. Students will be notified by email to their Oakland University email address of their acceptance or denial.
- Students who are denied may reapply. Address appeals to the chair. Appeals should be in the form of a letter accompanied by a transcript.

Requirements for the liberal arts major in public relations and strategic communication, B.A.

The public relations and strategic communication major requires a minimum of 44 credits distributed as follows:

Foundation courses (minimum grade of 3.0 required):

- JRN 2000 - Introduction to Journalism and News Writing **(4)**
- JRN 2500 - Introduction to Public Relations **(4)**

Core courses (minimum grade of 2.0 required):

- JRN 2510 - Public Relations Writing **(4)**
- JRN 2700 - Introduction to Research Methods in Public Relations **(4)**
- JRN 3510 - External Public Relations **(4)** or JRN 3520 - Internal Public Relations (4)
- JRN 4020 - Ethical Issues in the Media **(4)**

One theory course selected from (minimum grade of 2.0 required):

- COM 3000 - Relational Communication Theory **(4)**
- COM 3002 - Cultural Theory in Communication **(4)**
- COM 3003 - Media and Mass Communication Theory **(4)**
- COM 3201 - Rhetorical Theory **(4)**

One capstone course selected from (minimum grade of 2.0 required):

- COM 4950 - Internship **(4)**
- JRN 4950 - Journalism Internship **(4)**

One COM elective selected from:

- COM 2001 - Professional Communication **(4)**
- COM 2403 - Group Dynamics and Communication **(4)**
- COM 3200 - Persuasion **(4)**
- COM 3300 - Multicultural Communication **(4)**
- COM 3400 - Relational Communication **(4)**
- COM 3401 - Communication in Organizations **(4)**

- COM 3601 - Communication, Mobile Media, and the Internet **(4)**
- COM 3602 - Popular Media in the Age of Convergence **(4)**
- COM 3900 - Special Topics in Communication **(4)** (*if topic relates to PR*)
- COM 4950 - Internship **(4)** (*if taken as capstone, may not double count*)

One JRN elective selected from:

- JRN 3120 - Feature Writing **(4)**
- JRN 3290 - Digital Storytelling for the Media: Diversity, Identity, and Community **(4)**
- JRN 3510 - External Public Relations **(4)** (*if taken as core requirement, cannot double count*)
- JRN 3520 - Internal Public Relations **(4)** (*if taken as core requirement, cannot double count*)
- JRN 3530 - Public Relations and the News **(4)**
- JRN 3540 - Case Studies in Public Relations **(4)**
- JRN 4020 - Ethical Issues in the Media **(4)** (*if taken as core requirement, cannot double count*)
- JRN 4200 - Media Design **(4)**
- JRN 4900 - Special Topics in Journalism **(4)** (*if topic relates to PR*)
- JRN 4950 - Journalism Internship **(4)** (*if taken as capstone, cannot double count*)

One additional COM or JRN elective course

Note

Courses count as either a core or an elective course and may not be double counted.

Additional degree information

In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts and Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

Public Relations Minor

Requirements for the liberal arts minor in public relations

The liberal arts minor in public relations requires a minimum of 24 credits distributed as follows:

1. Twenty credits in 5 core courses:

- JRN 2000 - Introduction to Journalism and News Writing **(4)**
- JRN 2500 - Introduction to Public Relations **(4)**
- JRN 3510 - External Public Relations **(4)**
- JRN 3520 - Internal Public Relations **(4)**
- JRN 4950 - Journalism Internship **(4)** *(when applicable to public relations and approved by adviser)*

2. At least 4 credits selected from

- COM 3401 - Communication in Organizations **(4)**
- JRN 3530 - Public Relations and the News **(4)**
- JRN 3540 - Case Studies in Public Relations **(4)**
- JRN 4200 - Media Design **(4)**
- JRN 4900 - Special Topics in Journalism **(4)** *(when applicable to public relations and approved by adviser)*

Notes

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

Relational Communication Minor

Requirements for liberal arts minor in relational communication

The minor in relational communication requires a minimum of 22 credits chosen from the following courses:

- COM 2403 - Group Dynamics and Communication **(4)**
- COM 3400 - Relational Communication **(4)**
- COM 3403 - Interpersonal Conflict **(4)**
- COM 3405 - Gender Communication **(4)**
- COM 3406 - Listening in Communication **(2)**
- COM 4499 - The Dark Side of Interpersonal Communication **(4)**
- COM 4400 - Advanced Relational Communication **(4)**
- COM 4401 - Family Communication **(4)**
- COM 4602 - Sexuality and Communication **(4)**

Note

Students majoring in communication may not elect this minor.

Course Descriptions

COM 1000 - Introduction to Communication Studies (4)
Examines the centrality of communication to human experience including key concepts essential to understanding the processes and practices of communication, the theoretical models and traditions of the discipline, and the historical development of the field. (Formerly COM 150)

COM 1100 - Collegiate Communication (1)
A twelve week, one credit course with a primary goal of teaching students how successful communication and relationship development can improve their chances of academic and personal success. (Formerly COM 101)

COM 1500 - Introduction to American Sign Language (4)
Conversational American Sign Language. Introduction to basic sign vocabulary and grammatical features including facial expression and body language. Includes an examination of the psychological, cultural and linguistic aspects of the deaf community. (Formerly COM 114)

COM 1501 - American Sign Language (4)
A continuation of (COM 114 or COM 1500)
Prerequisite(s): (COM 114 or COM 1500)

COM 2000 - Public Speaking (4)
Theory and practice in public address: adaptations required by particular goals, audience and occasions, and classroom interactions. (Formerly COM 201)

COM 2001 - Professional Communication (4)
Explores the theories, and practices associated with professional communication. Students will focus on issues common in professional contexts including oral presentation, interviews, and interpersonal skills in the workplace including working collaboratively with others and increasing responsiveness to organization diversity. (Formerly COM 324)

COM 2200 - Rhetoric and Public Culture (4)
The role of rhetoric in creating, negotiating, and reconceptualizing U.S. democratic values, practices, and institutions and the historical development of public culture and the rhetorical interventions that have shaped it. Examines rhetoric as a transformational modality capable of managing disagreement, motivating civil discourse, and promoting peaceful socio-political change.(Formerly COM 211)

COM 2201 - Argumentation and Debate (4)
Theories of argumentation from the classical to the contemporary period combined with debating experience. Propositions of fact, value and policy are distinguished and related to the construction and selection of argument. Debate experience will focus on the national intercollegiate proposition. (Formerly COM 318)

COM 2202 - Persuasion and Social Change (4)
Examination of the communicative processes by which movements for social change influence institutions and actors. Emphasis on persuasive strategies for mobilization, maintenance and social transformation including narrative and argument, symbolism and music, and the roll of leadership. Analysis of case studies and consideration of contemporary efforts at social change. (Formerly COM 401)

COM 2403 - Group Dynamics and Communication (4)
Group dynamics, discussion and problem solving; influences of group structure, norms, roles, leadership and climate on the processes of group communication and collaborative decision making. (Formerly COM 202)

COM 2500 - American Sign Language III (4)
Continues the work of (COM 114 or COM 1500) or (COM 115 or COM 1501) with a focus on clarity and completion of expressions. Accurate reception as well as an examination of literary prose in a deaf community. (Formerly COM 214)
Prerequisite(s): (COM 115 or COM 1501)

COM 2501 - American Sign Language IV (4)
Develops expressive and receptive fluency through a study of the performance and structure of American sign language poetry. (Formerly COM 215)
Prerequisite(s): (COM 214 or COM 2500)

COM 2600 - Media and Social Identity (4)
Explores the role of media in the construction of international, national and local communities, as well as social identity. Students will be given an historical overview of the development of media with an emphasis on the role of media in shaping our ideas of ethnicity, gender identity and citizenship. *Satisfies the university general education requirement in the social science knowledge exploration area. (Formerly COM 287)*

COM 2650 - Introduction to Media Communication (4)
Introduction to the historical, programming, physical, legal, social, and economic aspects of broadcasting and its transformation in a digital age. (Formerly COM 250).

COM 2654 - Audio Production (4)
Analysis and evaluation of contemporary audio/radio production and programming introduction to writing, producing, and performing audio programming. Identical with (JRN 284 or JRN 2654). (Formerly COM 284)

COM 2655 - Intro to Live TV Production (4)
Basics of production and recording video in a live television studio as well as basics of camera operation and the roles of professionals on the floor and the control room. (Formerly COM 275)

COM 2656 - Introduction to Digital Media Production (4)
Editing video content for digital media. Shooting and production of video content for social media and traditional broadcasting formats using both HD cameras and cellphones. Non-Linear video editing techniques. (Formerly COM 225)
Prerequisite(s): (COM 2650 or COM 250)

COM 2702 - Performance Communication (4)
Foundations, history, and theory of performance communication. Particular attention given to how cultural processes and practices influence performance. (Formerly COM 307)

COM 3000 - Relational Communication Theory (4)
Survey of major theoretical approaches to the study of relational communication. Includes overview of history, paradigmatic assumptions, and current research. Examines individually-centered theories, discourse and interaction processes, and interpersonal theories. (Formerly COM 303)
Prerequisite(s): (COM 150 or COM 1000) or permission of instructor, sophomore standing.

COM 3002 - Cultural Theory in Communication (4)
Theoretical underpinnings of cultural studies, situated within communication studies. Embodied performance, discourse, and message construction will as the primary grounds of theorizing. Application of theories to socio-cultural issues and communicative processes. (Formerly COM 312)
Prerequisite(s): (COM 150 or COM 1000) with a grade of 2.0 or higher or permission of instructor.

COM 3003 - Media and Mass Communication Theory (4)
Major theoretical approaches to the study of media and mass communication. Includes overview of history, paradigmatic assumptions and current research. Examines sub-disciplines and related essential distinctions between humanistic and social scientific approaches. (Formerly COM 313)

COM 3080 - Competitive Speaking (2)
Advanced practice and application of speech writing, public address and oral interpretation skills using many of the standards established by the National Forensics Association. May be repeated for up to 6 credits. (Formerly COM 308)
Prerequisite(s): permission of instructor.

COM 3200 - Persuasion (4)
Analysis of persuasion in current society, psychological bases of persuasion, ethical considerations, and distinctions between debate and persuasive argument. (Formerly COM 301)

COM 3201 - Rhetorical Theory (4)
Examination of major theories of rhetoric from classical to contemporary times. (Formerly COM 311)
Prerequisite(s): (COM 150 or COM 1000) with a grade of 2.0 or higher or permission of instructor.

COM 3300 - Multicultural Communication (4)
Relationships among culture, communication and perception, and how these relationships are manifested in our daily interactions among people who are racially, ethnically and sexually different from us. Students learn communication practices necessary to create understanding in intercultural encounters. *Satisfies the university general education requirement in U.S. diversity. Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. (Formerly COM 385)*
Prerequisite(s): junior standing. Completion of the university writing foundation requirement.

COM 3301 - Race and Communication (4)
Examines the ways communication practices shape and are shaped by racialized identities. Explores identity formation through domains of interpersonal communication, institutional discourse, political rhetorics, cultural performances, educational pedagogies, and religious perspectives. (Formerly COM 388)

COM 3400 - Relational Communication (4)
Examination of the roles of communication, identity, and sexuality in the development, maintenance, and deterioration of relational attachments. (Formerly COM 305)

COM 3401 - Communication in Organizations (4)
Communication theory and practice within organizational systems. (Formerly COM 304)

COM 3402 - Communication in Leadership (4)
Examines the communication qualities of leadership in various contexts including decision-making teams, groups and organizations. Consideration of major theoretical approaches to leadership and applied skills and practices. (Formerly COM 302)

COM 3403 - Interpersonal Conflict (4)
Examines the role of conflict in interpersonal interaction. Emphasis is on the factors which contribute to the negotiation of conflict. (Formerly COM 306)

COM 3404 - Nonverbal Communication (4)
Analyzes the effects of nonverbal communication on human interaction in the interpersonal setting. (Formerly COM 325)

COM 3405 - Gender Communication (4)
Explores the relationships between gender and communication strategies and settings. The course examines how gender is experienced and how individuals learn to manage the dynamic of gender in interpersonal interaction and public discourse. (Formerly COM 327)

COM 3406 - Listening in Communication (2)
Examination of the differences between hearing and listening in responsible communication. Identifies barriers to effective listening and explores ways to manage them. Different listening skills appropriate for diverse types and purposes of listening are identified and examined. (Formerly COM 360)

COM 3601 - Communication, Mobile Media, and the Internet (4)
Examines the relationship between communication practices and the networked technologies of the Internet and mobile media, including their impact on politics, commerce, knowledge, privacy, and interpersonal relationships. Focus on the popular practices of search engines, video sharing services, texting, and social media sites. (Formerly COM 335)

COM 3602 - Popular Media in the Age of Convergence (4)
Examination of the relationships between media technologies, institutions, cultural forms and audiences within contemporary convergence culture. The focus is on how traditional forms of mass media texts, particularly television, have been impacted by new technologies and how such shifts reconfigure our understanding of media audiences/consumers. (Formerly COM 350)

COM 3603 - Critical Approaches to Popular Music (4)
Draws on core concepts from media and cultural studies to understand and analyze popular music's relationship to social and culture production. Key debates discussed include cities, technologies, gender and sexuality. (Formerly COM 368)

COM 3604 - Forms and Effects of Mass Communication (4)
Identical with (SOC 371 or SOC 3810). (Formerly COM 371)

COM 3605 - Understanding Media Industries (4)
Identical with (CIN 325 or CIN 3330). (Formerly COM 386)
Prerequisite(s): (CIN 150 or CIN 1150) or (ENG 250 or ENG 2610)

COM 3606 - Media, Gender and Sexuality (4)
Examines the relationship between media and cultural ideas about gender and sexuality. Emphasis on the ways that media institutions, texts, and audiences construct, negotiate, and interpret changing concepts about masculinity, femininity, and sexual preference. Identical with (WGS 387 or WGS 3827). (Formerly COM 387)

COM 3607 - Rise of Electronic Media (4)
Examines the development of the technologies, institutions, regulations, cultural forms, and audiences of electronic media. Considers the ways in which media was both shaped by and was a force in changing cultural and social conditions. (Formerly COM 375) *Satisfies the university general education requirement in Western civilization knowledge exploration area.*

COM 3650 - Advanced Audio Production (4)
Advanced skills in studio and remote audio production, editing, and programming. Identical with (JRN 384 or JRN 3840). (Formerly COM 384).
Prerequisite(s): (COM 284 or COM 2654)

COM 3900 - Special Topics in Communication (4)
Various topics in communication theory and practice chosen by department faculty. May be repeated for additional credit under different subtitles. (Formerly COM 380)

COM 4200 - Rhetorical Criticism in Communication (4)
Examines research methods used in rhetorical criticism from traditional to contemporary approaches. Provides principles for the analysis, interpretation, and evaluation of persuasive discourse. *Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly COM 411)*
Prerequisite(s): (COM 150 or COM 1000) with a grade of 2.0 or higher or permission of instructor.

COM 4201 - Discourse Theory (4)
Theories of discourse including critical discourse analysis and discursive psychology. Methods of discourse analysis in communication. Relation of discourse to communication. (Formerly COM 314)

COM 4203 - Women, Power, and Persuasion (4)
Survey of women's contributions to the rhetorical tradition from classical antiquity to the present. (Formerly COM 409)
Prerequisite(s): (COM 150 or COM 1000) or (WGS 200 or WGS 1000) with a grade of 2.0 or higher.

COM 4300 - Hip-Hop, Race and the City (4)
Examines the spread of hip-hop as an international popular culture idiom around the globe, articulating struggles over identity and gender, sexuality and race ecology and place in a world of ever accelerating change. (Formerly COM 389)

COM 4301 - Cultural Studies in Communication (4)
History, theoretical frameworks and applied studies emergent in cultural studies from a communication driven perspective. Students will explore the relationships among communication practices, cultural forms and politics within and among cultures. (Formerly COM 485)
Prerequisite(s): (COM 385 or COM 3300) with a grade of 2.0 or higher; (COM 303 or COM 3000) highly recommended.

COM 4302 - Communication, Culture, and Ecology (4)
Explores the foundations of communication in living ecologies that sustain human communities on the planet. Examines differing narratives and cultural assumptions regarding nature, human being, and what counts for communication. Seeks creative ways to address global ecological challenges through transformed communication perspectives and practices. (Formerly COM 486)
Prerequisite(s): (COM 385 or COM 3300) with a grade of 2.0 or higher or permission of instructor.

COM 4400 - Advanced Relational Communication (4)
Advanced current research and theories in relational communication. Shows how communication is the force behind the initiation, development, maintenance, and deterioration of interpersonal relationships. (Formerly COM 405)
Prerequisite(s): (COM 303 or COM 3000) or (COM 305 or COM 3400)

COM 4401 - Family Communication (4)
Introduction to communication in family settings. Major theoretical perspectives on family communicative practices including analysis of members' verbal and nonverbal interactions. Major themes include the process by which family communication is maintained, enhanced or disturbed.(Formerly COM 410)

COM 4403 - Advanced Nonverbal Communication (4)
Advanced topics and readings in nonverbal communication. Students will read and critique nonverbal communication research and theories on topics such as deception, immediacy, and expectancy violations across communication contexts, including romantic, workplace, and classroom. (Formerly COM 425)
Prerequisite(s): (COM 304 or COM 3401), (COM 305 or COM 3400), (COM 306 or COM 3403), (COM 325 or COM 3404), or (COM 327 or COM 3405) and minimum sophomore standing

COM 4499 - The Dark Side of Interpersonal Communication (4)
Explores the dark side of interpersonal communication. Students will gain an understanding of the dark side metaphor and examine the many ways in which dysfunctional interpersonal communication operates across a variety of personal relationship contexts. Topics include deception, hurtful transgressions, infidelity, teasing and bullying, and avoidance and secrets. (Formerly COM 366)
Prerequisite(s): (COM 305 or COM 3400), sophomore standing.

COM 4600 - Media Criticism (4)
Examines the methodological and theoretical perspectives used in media criticism. Provides an overview of the methods used to analyze, interpret, and evaluate the meaning and impact of mediated discourse. (Formerly COM 412)

COM 4601 - Theory and Practice of Media Literacy Outreach (4)
Exploration of the theory and practice of media literacy as community outreach. Students explore scholarly and public debates about the social influence of media. Course is based around a service-learning model that empowers students to translate and promote the theoretical concepts of media literacy in the community. (Formerly COM 415)
Prerequisite(s): (COM 150 or COM 1000) with a grade of 2.0 or higher.

COM 4602 - Sexuality and Communication (4)
Concepts and theories related to communication and sexuality, such as relationships, abilities, sexual literacy, sexual identities, sexual practices, sex representations, and social control of sexuality, with particular emphasis on LGBTQ relationship experiences (Formerly COM 414).
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent and junior or senior standing.

COM 4656 - Advanced Digital Media Production (4)
Practicum in digital media storytelling and production. Advanced production and editing of video and HD content for digital media. Emphasis on storytelling with theory as a framework. (Formerly COM 475)
Prerequisite(s): (COM 225 or COM 2656) or (COM 374 or COM 2652).

COM 4702 - Advanced Performance Communication (4)
Advanced study of the history, theory and practice of oral interpretation. Focus is on narration and the aesthetic and emotional responsiveness of the communicative voice in prose and poetry. (Formerly COM 407)
Prerequisite(s): (COM 307 or COM 2702)

COM 4900 - Special Topics Seminar (4)
Group study of topics of special interest chosen by department faculty and students. May be repeated for credit with the instructor's permission. (Formerly COM 480)
Prerequisite(s): three COM courses.

COM 4901 - Senior Research Seminar (4)
Faculty-directed research seminar will provide an overview of communication research and introduce students to basic research procedures, paradigms, and methods. Topics will vary by instructor. (Formerly COM 495). *Satisfies the university general education requirement for the capstone experience. Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement.*
Prerequisite(s): (COM 303 or COM 3000)

COM 4930 - Community Field Experience (4)
Faculty approved field experience in volunteer community service. Focus on developing an understanding of the relationship between communication and community with readings, essays, response papers, and in-class presentations and discussion. *Satisfies the university general education requirement for the capstone experience. Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly COM 399)*
Prerequisite(s): senior standing, communication major, and at least 20 credits of COM courses.

COM 4950 - Internship (4)
Supervised student internship in business, broadcasting, government, or non-profit organizations. Reports and analyses of work performed at the organization required. Prior approval required. May be repeated once in a different setting for a maximum of eight internship credits. (Formerly COM 491). *Satisfies the university general education requirement for the capstone experience. Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement.*
Prerequisite(s): junior or senior standing and permission of instructor. (Permission will normally require completion of at least one writing course beyond (WRT 160 or WRT 1060)

COM 4995 - Research Apprenticeship in Communication (2 OR 4)
Mentorship by an instructor in design and implementation of a faculty-directed research project. May be repeated for a total of eight credits. Only four credits may be used to fulfill major requirements. (Formerly COM 498)
Prerequisite(s): Junior or senior standing and permission of instructor.

COM 4996 - Independent Study (1 TO 4)
Special research projects in speech communication. May be repeated for a maximum of 8 credits. Prerequisite(s): junior or senior standing. 12 previous credits in the major, permission of instructor and completion of course application form. (Formerly COM 490)

COM 4997 - College Teaching Apprenticeship (2 OR 4)
Assisting in teaching an undergraduate course in speech communication, and discussions with the supervising faculty member on the principles, methods and problems of such teaching. Repeatable in different settings up to 4 credits. (Formerly COM 497)
Prerequisite(s): junior standing and permission of instructor.

JRN 2000 - Introduction to Journalism and News Writing (4)
History and principles of U.S. journalism; training in the practical aspects of news gathering, interviewing and basic news writing techniques; and discussion of the various journalism media. (Formerly JRN 200)
Satisfies the university general education requirement for writing intensive course in general education or the major, not both. Prerequisite for writing intensive: completion of the university writing foundation requirement. Satisfies the university general education requirement in the knowledge applications integration area. Prerequisite for knowledge applications: completion of the general education requirement in the writing knowledge foundation area.

JRN 2400 - Introduction to Advertising (4)
Introduction to advertising in print, electronic and online media. Emphasis on marketing, strategy, and the social and legal environment. (Formerly JRN 340)
Prerequisite(s): (JRN 200 or JRN 2000) or instructor permission.

JRN 2500 - Introduction to Public Relations (4)
Overview of the practices of public relations and its potential impact on various audiences. Study of basic public relation writing formats and management functions related to key external and internal publics. (Formerly JRN 350)
Prerequisite(s): (JRN 200 or JRN 2000) or permission of instructor.

JRN 2510 - Public Relations Writing (4)
Focus on various types of public relations writing styles and formats. Examination of the research, planning and delivery process for communication directed at targeted publics. Practice in both informative and persuasive writing, including news releases, pitch letters, blogs, PSAs, newsletters, brochures, and speeches.
Prerequisite(s): (JRN 200 or JRN 2000) and (JRN 350 or JRN 2500)

JRN 2650 - Intro to Media Communication (4)
Identical with (COM 250 or COM 2650). (Formerly JRN 250)

JRN 2654 - Audio Production (4)
Analysis and evaluation of contemporary audio/radio production and programming introduction to writing, producing, and performing audio programming. Identical with (COM 284 or COM 2654). (Formerly JRN 284)

JRN 2700 - Introduction to Research Methods in Public Relations (4)
Provides a critical understanding and application of quantitative and qualitative methods used in the strategic planning and evaluation of public relations. Introduction to scientific inquiry and ethics; research design and various data collection techniques; and basic techniques for data analysis.

JRN 3000 - Advanced News Writing and Editing (4)
Advanced training in news writing and various news story types. Fundamentals of editing news and information for online and print publication, including journalistic grammar and style, and decision-making processes that determine what is published. (Formerly JRN 300)
Prerequisite(s): (JRN 200 or JRN 2000)

JRN 3110 - Public Affairs Reporting (4)
Practical training in the news coverage of government and government agencies, including schools, public safety and the courts. (Formerly JRN 311)
Prerequisite(s): (JRN 200 or JRN 2000) or permission of instructor.

JRN 3120 - Feature Writing (4)
Practice in writing human interest features for newspaper, magazine and online publication. Study of the aims, styles, categories, techniques and structures of feature writing.(Formerly JRN 312)
Prerequisite(s): (JRN 200 or JRN 2000) or permission of instructor.

JRN 3130 - Magazine Writing and Freelancing (4)
Practical training in writing magazine-length articles. Discussion of medium-specific differences, how to write and sell freelance pieces, legal liabilities and rights of the freelance writer, including a discussion of the U.S. copyright laws. (Formerly JRN 313)
Prerequisite(s): (JRN 312 or JRN 3120)

JRN 3140 - Sports Reporting (4)
Writing sports for both print and electronic media. Emphasis on writing and interviewing, from teaching the proper techniques of conducting individual interviews to covering large press conferences. Students will conduct real-world interviews as well as cover local sporting events. Various Detroit-area sports media personnel will lecture and share experiences. (Formerly JRN 314)
Prerequisite(s): (JRN 200 or JRN 2000)

JRN 3290 - Digital Storytelling for the Media: Diversity, Identity, and Community (4)
Examination of the relationship between journalism, media institutions, digital technologies, identity, and community - especially in relation to ethnicity, race, gender, and class. Study of digital citizenship with application in the assembly of non-fiction digital media content, using a variety of software. *Satisfies the university general education requirements in U.S. Diversity. Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. (Formerly JRN 329)*
Prerequisite(s): (WRT 160 or WRT 1060) with a grade of 2.0 or higher.

JRN 3310 - Digital Photojournalism (4)
Practice of photojournalism in the contemporary digital environment. Visual storytelling, camera operation, digital processing, professional/ethical issues. (Formerly JRN 331)
Prerequisite(s): (JRN 200 or JRN 2000) or permission of instructor.

JRN 3320 - Radio Television News (4)
Fundamentals and techniques of preparing broadcast news including story development, writing and producing news for radio and TV broadcast. (Formerly JRN 332)
Prerequisite(s): (JRN 200 or JRN 2000) or instructor permission.

JRN 3330 - Digital TV News (4)
Practical application of TV reporting, writing, editing, producing and anchoring skills. Student-produced news reports and newscasts are published on a variety of platforms. (Formerly JRN 333)
Prerequisite(s): (COM 225 or COM 2656)

JRN 3410 - Advertising Account Planning and Research (4)
Focus on the strategic aspects of advertising and integrated marketing communications (IMC), development of media strategy, sales promotion and the new media. (Formerly JRN 341)
Prerequisite(s): (JRN 340 or JRN 2400) or permission of instructor.

JRN 3420 - Advertising Creative Strategy (4)
Practical application of creative strategy towards the development of a complete advertising campaign in an ad agency group format. (Formerly JRN 342)
Prerequisite(s): (JRN 340 or JRN 2400)

JRN 3440 - Advertising Copywriting (4)
The planning, research and writing that goes into promotion of a company, product or person as part of an advertising campaign. (Formerly JRN 344)
Prerequisite(s): (JRN 340 or JRN 2400)

JRN 3510 - External Public Relations (4)
Study of public relations related to an organization's external audiences such as the news media and local, state and national government officials. Students study public relations strategies used to interact with these groups, including media relations, legislative lobbying and special events.(Formerly JRN 351)
Prerequisite(s): (JRN 350 or JRN 2500)

JRN 3520 - Internal Public Relations (4)
Study of public relations related to internal audiences of an organization. In-depth discussion of the shaping of internal culture via public relations vehicles such as publications, general memos, video, new/social media, and face-to-face employee communications. (Formerly JRN 352)
Prerequisite(s): (JRN 350 or JRN 2500)

JRN 3530 - Public Relations and the News (4)
Study of the relationship between public relations practitioners and the news media. Students focus on understanding the differing needs of the news media and how to create and implement various public relations vehicles to reach target audiences through the media. (Formerly JRN 353)
Prerequisite(s): (JRN 350 or JRN 2500)

JRN 3540 - Case Studies in Public Relations (4)
Study of real-life public relations efforts of various companies and organizations. Students take on the role of public relations practitioners for a fictitious organization and develop public relations goals, objectives, tactics and programs to deal with situations that affect the organization.(Formerly JRN 354)
Prerequisite(s): (JRN 350 or JRN 2500)

JRN 3840 - Advanced Audio Production (4)
Identical with (COM 384 or COM 3650). (Formerly JRN 384).
Prerequisite(s): (JRN 284 or JRN 2654) or (COM 284 or COM 2654)

JRN 4020 - Ethical Issues in the Media (4)
Study of ethics with an emphasis on problems that arise in digital, broadcast and print news, public relations and advertising. Students learn to identify ethical dilemmas, discuss basic principles for ethical decision-making, and build strategies for applying those principles. (Formerly JRN 402)
Prerequisite(s): (JRN 200 or JRN 2000) or instructor permission.

JRN 4030 - Media Law (4)
Introduction to media law, basic principles governing the American judicial system, historical context for First Amendment issues and analysis of key legal decisions governing the media's right to gather and disseminate information. Students discuss issues dealing with prior restraint, libel law, invasion of privacy, protection of news sources, obscenity law, copyright law and FCC regulations. (Formerly JRN 403)
Prerequisite(s): (JRN 200 or JRN 2000) or instructor permission.

JRN 4100 - Convergence Journalism (4)
Multimedia storytelling through an introduction to a variety of software programs and digital applications. Students create websites, podcasts, slideshows and short videos, and participate in crowdsourcing, (micro) blogging and citizen journalism projects. (Formerly JRN 411)
Prerequisite(s): (JRN 200 or JRN 2000) or instructor permission.

JRN 4120 - OU Student News Bureau (4)
Applied learning experience running a web-based news organization. Students learn how to research, report, edit and package multimedia news for online delivery. (Formerly JRN 412). *Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. Prerequisite for writing intensive: completion of the university writing foundation requirement. Satisfies the university general education requirement for the capstone experience.*
Prerequisite(s): (JRN 200 or JRN 2000) and (JRN 300 or JRN 3000) and permission of instructor.

JRN 4200 - Media Design (4)
Workshop in design to explore techniques and trends in typography, layout and design in traditional and new media. Students learn the theory and practice of text-heavy print and digital projects designed to communicate with specific audiences in a diverse society. (Formerly JRN 440)
Prerequisite(s): (JRN 200 or JRN 2000) or instructor permission.

JRN 4210 - Advanced Media Design (4)
Advanced skills and trends in typography, layout and design in traditional and new media culminating in the exhibition of a multi-faceted body of work. Final project must include a significant graphic component as well as a substantive writing element. (Formerly JRN 441)
Prerequisite(s): (JRN 440 or JRN 4200) and permission of instructor.

JRN 4350 - Video Documentary Journalism (4)
Assembly of short- and long-form documentary journalism for traditional and non-traditional visual media. Students report, shoot, edit, and package video and multimedia stories in a range of storytelling styles, including investigative, historical, or biographical. Emphasis not only on the story, but on the storytelling. (Formerly JRN 445)
Prerequisite(s): (JRN 333 or JRN 3330) or permission of instructor.

JRN 4900 - Special Topics in Journalism (4)
Various topics subject to change from semester to semester. May be repeated for additional credit under different subtitles. (Formerly JRN 480)
Prerequisite(s): (JRN 200 or JRN 2000) or instructor permission.

JRN 4950 - Journalism Internship (4)
Full- or part-time internship at a newspaper, online news organization, radio or television station, public relations firms, advertising agency or a non-profit organization. Open only to journalism majors and minors. May be repeated once for credit in a different medium. *Satisfies the university general education requirement for the capstone experience. Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly JRN 404)*
Prerequisite(s): (JRN 200 or JRN 2000) and three other JRN courses.

JRN 4996 - Independent Study (2 OR 4)
Individual research projects in journalism. May be repeated for a maximum of 8 credits. (Formerly JRN 490)
Prerequisite(s): junior/senior standing and permission of program director.

Department of English

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Department Website

Chairperson: *Kevin Laam*

Distinguished professors emeriti: *Brian Connery, Jane D. Eberwein, Robert T. Eberwein, Edward Haworth Hoeppner*

Professors emeriti: *Thomas Fitzsimmons, Daniel Fullmer, Nigel Hampton, James F. Hoyle, Nancy Joseph, David W. Mascitelli, Donald E. Morse, Brian F. Murphy, Joan G. Rosen, William Schwab*

Professors: *Natalie Bell Cole, Brian A. Connery, Andrea Eis, Graeme Harper, Niels Herold, Kathleen A. Pfeiffer*

Associate professors: *Robert F. Anderson, Jeffrey Chapman, Kyle Edwards, Annette M. Gilson, Kevin T. Grimm, Jeffrey Insko, Andrea Knutson, Kevin Laam, L. Bailey McDaniel, M. Hunter Vaughan*

Assistant professors*: Courtney Brannon Donoghue, Timothy Donahue, Joanne Lipson Freed, Adam Gould, Katie Hartsock, Brendan Kredell, Susan McCarty, Alison W. Powell, David Shaerf, Amanda Stearns-Pfeiffer*

Special instructor: *Rachel Smydra*

Lecturers: *Christopher Apap, Susan Beckwith, Jonathan Chappell*, *Jennifer Gower-Toms, Nathan Koob, Peter Markus, Beth McArthur, Charlene Meyers, Doris Plantus, Amy Spearman*, *Vanessa Stauffer*

Chief adviser: *Robert F. Anderson*

STEP adviser: *Amanda Stearns-Pfeiffer*

Cinema studies director: *Andrea Eis*

Cinema studies adviser: *Andrea Eis*

Creative writing director: *Annette M. Gilson*

Creative writing adviser: *Annette M. Gilson*

The Department of English offers courses in British and American literature, introducing students to literary history, genre studies, critical theory and intensive study of major authors. The department also offers introductory and advanced courses in poetry and fiction writing. Additionally, the Department

offers courses in film, introducing students to cinema history and theory, critical film studies, and film production. For complete details concerning the Cinema Studies, B.A. or the Creative Writing, B.A., click on the appropriate link.

Courses in language, mythology and film broaden the field of literary inquiry in ways that associate imaginative writing with the other arts, with popular culture and with various academic disciplines.

By majoring in English, students can enhance appreciation of literary masterpieces, gain critical understanding of imaginative writing and develop sensitivity to the uses of language while developing skills in analysis, research and communication. Such knowledge enriches all aspects of life, while such skills prepare students for careers in law, business, publishing, medical professions, library science, journalism, government and education.

The English curriculum is flexible; by seeking regular departmental advice, English students can plan a program leading to many different professional and academic goals. The Department encourages its students to balance their programs with such concentrations as American studies, environmental studies, film aesthetics and history, women's studies and computer science, or minors in linguistics, journalism, theatre arts, general business, modern languages and other related fields. Majors from other university programs are welcome in English courses, many of which have no prerequisites.

For a description of each semester's course offerings, students should consult the ''Semester Course Descriptions,'' available in pre-registration periods through the department's web site. Faculty advisers provide specific guidance and help students develop comprehensive educational plans. Students should consult their advisers regularly.

Listed are undergraduate programs of study leading to the Bachelor of Arts degree with a major in English, a secondary education major in English (STEP), a modified major in English with a linguistics concentration, a major in creative writing, a major in cinema studies, as well as liberal arts minors in English in secondary teaching, creative writing, and in cinema studies. In addition, the Department offers a program leading to the Master of Arts degree in English; the program and course offerings are described in the online Oakland University Graduate Catalog.

Departmental honors and scholarships

Departmental honors may be awarded to graduating English majors for outstanding achievement in English.

The department awards three scholarships: the Doris J. Dressler Scholarship to an English major or humanities major (junior year or beyond) demonstrating academic promise and financial need: the Roger M. and Helen Kyes Scholarship to an outstanding major; and the Eva L. Otto Scholarship for an outstanding nontraditional student. Information is available in the department office. The deadline for applications will normally be April 1.

Course Offerings

Courses on the 1000 level are directed to students seeking non-technical, liberally oriented courses to fulfill general education requirements or for use in minors and particular concentrations. Courses on the 2000 level offer broad introductions to literary materials and approaches basic to the study of English. Reading is often extensive and the classes are conducted primarily through lecture. Courses on the 3000

level offer more intensive investigations into particular areas of English studies. These courses, the core of the program for majors, are open to advanced students according to their special needs and their preparation in related disciplines. Courses on the 4000 level apply theory and methods of literary history, criticism and research to writers and to problems presented by specific topics. They are designed for upper-class majors. Graduate courses on the 5000 level are open to senior majors by permission of the instructor and the departmental chairperson.

Course prerequisites

Except where noted, 1000- and 2000-level courses have no prerequisites. Advanced courses (numbered 3000 to 4999) have a general prerequisite of writing proficiency, plus any special requirements listed with the course descriptions.

Programs

- American Studies Concentration
- Cinema Studies Minor
- Cinema Studies, B.A.
- Creative Writing Minor
- Creative Writing, B.A.
- English Minor
- English Secondary Teaching Minor
- English, B.A.
- English, STEP

American Studies Concentration

Coordinator: *Jeffrey Insko*

Executive Committee: *Graham Cassano (Sociology), Todd A. Estes (History), Jeffrey Insko (English), Andrea Knutson (English), Kathleen Pfeiffer (English)*

Affiliated Faculty: *Daniel J. Clark (History), John Corso (Art History), David Dulio (Political Science), Joanne Lipson Freed (English), Diane Hartmus (Political Science), Baily McDaniel (English), Karen A.J. Miller (History), Roger Larocca (Political Science), Teri Towner (Political Science)*

The American studies concentration provides both a broad understanding of the American experience and an introduction to the practice of focused interdisciplinary study. The concentration is taken in addition to a departmental major. By electing departmental courses with an American focus in two or three areas outside the major and framing the concentration with two interdisciplinary American studies courses, students may expect to gain a coherent sense of the national experience and appreciate the various contributions of different academic disciplines.

Although not a vocationally directed program, the American studies concentration should be of particular interest to students preparing for careers in law, government and journalism, and those planning graduate work in American studies or any of its contributing disciplines.

The concentration requirements are listed below. Students interested in pursuing this concentration should file a plan of study with the coordinator.

Required courses

- AMS 3000 - Topics in American Culture **(4)**
- AMS 4998 - Senior Project **(4)**
- One course in anthropology
- One American history course at the 3000 level
- Three electives from the list of recommended departmental electives, with no more than two taken from any one department's offerings and at least one representing a field or fields outside the student's major

Recommended departmental electives

Art and art history

- AH 3650 - American Art **(4)**
- AH 3651 - African-American Art **(4)**
- AH 3652 - Michigan Architecture **(4)**
- AH 3430 - Art Since 1960 **(4)**

English

- ENG 1500 - Literature of Ethnic America **(4)**
- ENG 3400 - Early American Literature **(4)**

- ENG 3410 - American Literature 1820-1865 **(4)**
- ENG 3420 - American Literature 1865-1920 **(4)**
- ENG 3430 - American Literature 1920-1950 **(4)**
- ENG 3500 - Issues in American Literature **(4)**
- ENG 3510 - Selected Ethnic Literature **(4)**
- ENG 3520 - African American Literature **(4)**

History

- HST 1100 - Introduction to American History Before 1877 **(4)**
- HST 1200 - Introduction to American History Since 1877 **(4)**
- HST 2280 - History of the African-American People **(4)**
- HST 3270 - History of American Cities **(4)**
- HST 3225 - History of American Mass Media **(4)**
- HST 3110 - History of the North American Colonies **(4)**
- HST 3120 - The American Revolution **(4)**
- HST 3125 - The U.S. Early National Period, 1787-1815 **(4)**
- HST 3130 - Jacksonian America **(4)**
- HST 3135 - The Development of Political Practices in Early America **(4)**
- HST 3145 - The Civil War and Reconstruction, 1850-1876 **(4)**
- HST 3200 - American History, 1876-1900 **(4)**
- HST 3202 - American History, 1900-1928 **(4)**
- HST 3204 - American History, 1928-1945 **(4)**
- HST 3140 - History of the American South **(4)**
- HST 3265 - Women in Modern America **(4)**
- HST 3288 - Topics in African American History **(4)**
- HST 3275 - History of American Families **(4)**
- HST 3285 - History of African-American Women **(4)**

Music

- MUS 1005 - Foundations of Rock **(4)**
- MUS 1007 - Exploring Jazz **(4)**

Political science

- PS 1100 - Introduction to American Politics **(4)**
- PS 3205 - American Political Culture **(4)**
- PS 3105 - Congress and the Legislative Process **(4)**
- PS 3130 - Local Government and Politics **(4)**
- PS 3135 - State Politics **(4)**
- PS 3215 - The Politics of Race and Ethnicity **(4)**
- PS 3165 - Elections and Voting Behavior **(4)**
- PS 3170 - Political Campaigns **(4)**
- PS 3160 - Media and Politics **(4)**
- PS 3255 - U.S. Constitutional Law **(4)**
- PS 3260 - Civil Rights and Civil Liberties **(4)**
- PS 3115 - The Judicial Process **(4)**
- PS 3020 - American Political Thought **(4)**

Sociology/anthropology

- SOC 1000 - Introduction to Sociology **(4)**
- SOC 2200 - Current Social Problems **(4)**
- SOC 3220 - Social Welfare Policies **(4)**
- SOC 3610 - Racial and Ethnic Relations **(4)**
- SOC 3820 - Social Control of Mass Media **(4)**

- AN 3450 - Archaeology of North America **(4)**
- AN 3260 - Peoples and First Nations of North America **(4)**

Notes

Some 3000- and 4000-level topics courses offered by contributing departments may also be included in the concentration, with permission of the American studies coordinator.

Students majoring in anthropology or history should be aware that no more than 8 credits may be counted toward both the major and a concentration.

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

Cinema Studies Minor

Requirements for the liberal arts minor in cinema studies

A minimum of 24 credits in cinema studies courses is required, to be distributed as shown below. At least 16 credits from offerings in cinema studies must be taken at Oakland. Only courses in which a student has earned at least a 2.0 may be counted toward the cinema studies minor.

1. One introductory-level course selected from

- CIN 1150 - Introduction to Film **(4)**
- ENG 2610 - Film and Formal Analysis **(4)**

2. Two required courses

- CIN 2150 - Methods of Cinema Studies **(4)**
- CIN 3150 - Film Theory and Criticism **(4)**

3. Two courses in film history selected from

- CIN 3200 - History of Film: The Silent Era **(4)**

- CIN 3210 - History of Film: The Sound Era to 1958 **(4)**
- CIN 3220 - History of Film: The New Wave and Beyond **(4)**
- CIN 3230 - History of Film: Into the 21st Century **(4)**

4. One course in cinema studies electives selected from

- AH 3560 - Film and the Visual Arts (4)
- AN 3140 - Culture and Society Through Film (4)
- CIN 1600 - Introduction to Filmmaking (4)
- CIN 2600 - Form and Meaning in Filmmaking (4)
- CIN 3300 - Studies in Documentary Film (4)
- CIN 3310 - Experimental and Avant-Garde Film (4)
- CIN 3320 - National Cinemas and Film Cultures (4)
- CIN 3900 - Topics in Film History, Industry, and Technology (4)
- CIN 3901 - Topics in Film Genres (4)
- CIN 3902 - Topics in Film Authors, Authorship, and Aesthetics (4)
- CIN 3330 - Understanding Media Industries (4)
- CIN 3905 - Topics in Film (4)
- CIN 3906 - Topics in Filmmaking (4)
- CIN 3610 - Documentary Filmmaking (4)
- CIN 3620 - Narrative Filmmaking (4)
- CIN 3630 - Experimental Filmmaking (4)
- CIN 4901 - Advanced Topics in Film Theory (4)
- CIN 4900 - Advanced Topics in Film (4)
- COM 3607 - Rise of Electronic Media (4)
- COM 3606 - Media, Gender and Sexuality (4)
- CW 2400 - Intro to Screen/TV Writing (4)
- ENG 2800 - Masterpieces of World Cinema (4)
- ENG 3675 - Adaptation: Fiction, Drama, Film (4)
- CW 3400 - Screenwriting (4)
- LIT 2905 - Studies in Foreign Film (4)
- PS 3240 - Politics Through Film (4)

Cinema Studies, B.A.

O'Dowd Hall, Room 544
586 Pioneer Drive
Rochester, MI 48309-4482

(248) 370-2250

Program Website

Cinema studies at Oakland University is dedicated to the interdisciplinary investigation of the ways in which motion pictures are created, experienced and valued in our culture and around the world. Students in cinema studies will work closely with OU faculty to gain a thorough understanding of film history, become acquainted with various critical approaches to the study of film and receive instruction in elements of film production. Students who seek intensive film production studies may choose the filmmaking specialization concurrently with cinema studies B.A. requirements. These wide-ranging and intensive programs will provide cinema studies majors and minors with the critical-thinking and communication skills to enter careers within the film industry and a variety of other professions. In addition, students will be well-prepared to pursue cinema studies or other academic disciplines at the graduate level.

Program honors

Departmental honors may be awarded to graduating cinema studies majors for outstanding achievement.

The cinema studies major shall require a total of 48 credit hours. Only 16 transfer credits may be counted towards the cinema studies major. Only courses in which the student has earned a grade of at least a 2.0 may be counted towards the cinema studies major.

Requirements for the liberal arts major in cinema studies, B.A. program

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1. One introductory-level course selected from

- CIN 1150 - Introduction to Film **(4)**
- ENG 2610 - Film and Formal Analysis **(4)**

2. Three required courses

- CIN 1600 - Introduction to Filmmaking **(4)**
- CIN 2150 - Methods of Cinema Studies (4)
- CIN 3150 - Film Theory and Criticism (4)

3. Two courses in film history selected from

- CIN 3200 - History of Film: The Silent Era **(4)**
- CIN 3210 - History of Film: The Sound Era to 1958 **(4)**
- CIN 3220 - History of Film: The New Wave and Beyond **(4)**
- CIN 3230 - History of Film: Into the 21st Century **(4)**

4. One additional course in filmmaking or screenwriting selected from

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- CIN 2600 - Form and Meaning in Filmmaking **(4)**
- CW 3400 - Screenwriting **(4)**

5. Four courses in cinema studies electives selected from

- AH 3560 - Film and the Visual Arts **(4)**
- AN 3140 - Culture and Society Through Film **(4)**
- CIN 2600 - Form and Meaning in Filmmaking **(4)**
- CIN 3200 - History of Film: The Silent Era (4)
- CIN 3210 - History of Film: The Sound Era to 1958 (4)
- CIN 3220 - History of Film: The New Wave and Beyond (4)
- CIN 3230 - History of Film: Into the 21st Century (4)
- CIN 3300 - Studies in Documentary Film (4)
- CIN 3310 - Experimental and Avant-Garde Film **(4)**
- CIN 3320 - National Cinemas and Film Cultures (4)
- CIN 3900 - Topics in Film History, Industry, and Technology (4)
- CIN 3901 - Topics in Film Genres (4)
- CIN 3902 - Topics in Film Authors, Authorship, and Aesthetics (4)
- CIN 3330 - Understanding Media Industries (4)
- CIN 3905 - Topics in Film (4)
- CIN 3906 - Topics in Filmmaking **(4)**

- CIN 3610 - Documentary Filmmaking **(4)**
- CIN 3620 - Narrative Filmmaking **(4)**
- CIN 3630 - Experimental Filmmaking **(4)**
- CIN 4901 - Advanced Topics in Film Theory (4)
- CIN 4900 - Advanced Topics in Film (4)
- CIN 4930 - Field Internship in Cinema Studies (4)
- CIN 4996 - Independent Study (4)
- COM 3607 - Rise of Electronic Media **(4)**
- COM 3606 - Media, Gender and Sexuality **(4)**
- CW 3400 - Screenwriting **(4)**
- ENG 2800 - Masterpieces of World Cinema **(4)**
- ENG 3675 - Adaptation: Fiction, Drama, Film **(4)**
- LIT 2905 - Studies in Foreign Film **(4)**
- PS 3240 - Politics Through Film **(4)**

Note:

No more than two non-CIN designated courses in this category may be counted toward the cinema studies major.

6. One capstone course selected from

- CIN 4900 - **Advanced Topics in Film (4)**
- CIN 4901 **- Advanced Topics in Film Theory (4)**

Requirements for the liberal arts major in cinema studies, B.A. program with a specialization in filmmaking

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The cinema studies major with a specialization in filmmaking requires a total of 52 credit hours. Only 16 transfer credits may be counted towards the cinema studies major. Only courses in which the student has earned a grade of at least 2.0 may be counted towards the cinema studies major.

1. One introductory-level course from

- CIN 1150 - Introduction to Film **(4)**
- ENG 2610 - Film and Formal Analysis **(4)**

2. Four required courses

- CIN 1600 - Introduction to Filmmaking **(4)**
- CIN 2150 - Methods of Cinema Studies (4)
- CIN 2600 - Form and Meaning in Filmmaking **(4)**
- CIN 3150 - Film Theory and Criticism (4)

3. Two courses in film history selected from

- CIN 3200 - History of Film: The Silent Era **(4)**
- CIN 3210 - History of Film: The Sound Era to 1958 **(4)**
- CIN 3220 - History of Film: The New Wave and Beyond **(4)**
- CIN 3230 - History of Film: Into the 21st Century **(4)**

4. One additional cinema studies elective course chosen from any CIN 3000 or 4000 level course or any interdisciplinary course from this list

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- AH 3560 - Film and the Visual Arts **(4)**
- AN 3140 - Culture and Society Through Film **(4)**
- COM 3606 - Media, Gender and Sexuality **(4)**
- COM 3607 - Rise of Electronic Media **(4)**
- CW 3400 - Screenwriting **(4)**
- ENG 2800 - Masterpieces of World Cinema **(4)**
- ENG 3675 - Adaptation: Fiction, Drama, Film **(4)**
- LIT 2905 - Studies in Foreign Film **(4)**
- PS 3240 - Politics Through Film **(4)**

5. Four filmmaking elective courses selected from

- CIN 3610 - Documentary Filmmaking **(4)**
- CIN 3620 - Narrative Filmmaking **(4)**
- CIN 3630 - Experimental Filmmaking **(4)**
- CIN 3906 - Topics in Filmmaking **(4)**
- CIN 4930 - Field Internship in Cinema Studies (4)
- CIN 4996 - Independent Study (4)
- CW 3400 - Screenwriting **(4)**

6. One filmmaking capstone course

Note

Students using this catalog to meet cinema studies major requirements may also use any course subsequently approved as satisfying requirements in the cinema studies electives category and published in a later catalog.

Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts and Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

Creative Writing Minor

Requirements for the liberal arts minor in creative writing

The liberal arts minor in creative writing requires a total of 24 credits in English and creative writing, distributed as follows:

1. Choose one of the following

- CW 2100 - Intro Fiction/Poetry Writing (4)
- CW 2400 - Intro to Screen/TV Writing (4)
- CW 2500 - Intro to Literary Nonfiction (4)

2. Choose two courses in creative writing workshops.

Any course with the CW prefix fulfills this requirement.

3. Choose three ENG or CW courses

The following ENG classes do not fulfill this requirement: ENG 2110, ENG 2610, ENG 2800, ENG 3905, ENG 3110, ENG 3680.

Additional information

Students must maintain at least a 2.8 GPA in all creative writing workshops and at least a 2.0 in literature courses. Only one 1000-level course will be accepted for credit in the minor.

Creative Writing, B.A.

Requirements for the liberal arts major in creative writing, B.A. program

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The creative writing major requires a total of 44 credit hours, including five creative writing workshops (20 credits), two cognate courses (8 credits), and either four English electives or three English electives and an additional creative writing workshop (16 credits). **Students choose one track from the four offered: fiction, poetry, screenwriting or literary nonfiction.** One of the creative writing workshops

must be a 4000 level course (either CW 4200, CW 4300, CW 4400 or CW 4500); this class will provide a capstone experience and require a creative thesis (i.e., a collection of poetry or short fiction, a screenplay, or a work of literary nonfiction).

Students must earn at least a 2.8 in all creative writing workshop courses and at least a 2.0 in literature courses to have them count toward the major. Only one 1000-level course will be accepted for credit in the major. The 44 credits (exclusive of composition courses used to satisfy the university writing proficiency requirement) are distributed as follows:

1. Introductory course (select one)

- CW 2100 - Intro Fiction/Poetry Writing **(4)** *(required for the fiction or poetry track)*
- CW 2400 - Intro to Screen/TV Writing **(4)** *(required for the screenwriting track)*
- CW 2500 - Intro to Literary Nonfiction **(4)** *(required for the literary nonfiction track)*

2. Fiction, poetry, screenwriting or literary nonfiction track (select one - A, B, C, or D)

A. Fiction Track

Required courses

- CW 3200 - Workshop in Fiction **(4)**
- CW 4200 - Adv Workshop in Fiction **(4)**

Two additional workshop courses, chosen from

- CW 2400 - Intro to Screen/TV Writing **(4)**
- CW 2500 - Intro to Literary Nonfiction **(4)**
- CW 3300 - Workshop in Poetry **(4)**
- CW 3400 - Screenwriting **(4)**
- CW 3500 - Workshop Literary Nonfiction **(4)**
- CW 3600 - Playwriting **(4)**
- CW 4300 - Adv Workshop in Poetry **(4)**

- CW 4400 - Advanced Screenwriting **(4)**
- CW 4500 - Adv Wkshp Literary Nonfiction **(4)**

Two courses from the fiction cognates listed below

- ENG 3600 - Fiction **(4)**
- ENG 3430 - American Literature 1920-1950 **(4)**
- ENG 3440 - American Literature 1950 to the Present **(4)**
- ENG 3700 - Modern Fiction **(4)**
- ENG 3705 - Contemporary Fiction **(4)**
- ENG 3250 - British and Commonwealth Literature since 1900 **(4)**
- ENG 3330 - The English Novel **(4)**

B. Poetry Track

Required courses

- CW 3300 - Workshop in Poetry **(4)**
- CW 4300 - Adv Workshop in Poetry **(4)**

Two additional workshop courses, chosen from

- CW 2400 - Intro to Screen/TV Writing **(4)**
- CW 2500 - Intro to Literary Nonfiction **(4)**
- CW 3200 - Workshop in Fiction **(4)**
- CW 3400 - Screenwriting **(4)**
- CW 3500 - Workshop Literary Nonfiction **(4)**
- CW 3600 - Playwriting **(4)**
- CW 4200 - Adv Workshop in Fiction **(4)**
- CW 4400 - Advanced Screenwriting **(4)**
- CW 4500 - Adv Wkshp Literary Nonfiction **(4)**

Two courses from the poetry cognates listed below

- ENG 3610 - Poetry **(4)**
- ENG 3710 - Modern Poetry **(4)**
- ENG 3715 - Contemporary Poetry **(4)**

OR choose one course from

- ENG 3310 - Shakespeare **(4)**
- ENG 3200 - British Medieval Literature **(4)**
- ENG 3210 - British Literature of the Renaissance **(4)**
- ENG 3230 - British Literature of the Romantic Period **(4)**

AND one course from

- ENG 3610 - Poetry **(4)**
- ENG 3710 - Modern Poetry **(4)**
- ENG 3715 - Contemporary Poetry **(4)**

C. Screenwriting Track

Required courses

- CW 3400 - Screenwriting **(4)**
- CW 4400 - Advanced Screenwriting **(4)**

Two additional workshop courses, chosen from

- CW 2100 - Intro Fiction/Poetry Writing **(4)**
- CW 2500 - Intro to Literary Nonfiction **(4)**
- CW 3200 - Workshop in Fiction **(4)**

- CW 3300 - Workshop in Poetry **(4)**
- CW 3500 - Workshop Literary Nonfiction **(4)**
- CW 3600 - Playwriting **(4)**
- CW 4200 - Adv Workshop in Fiction **(4)**
- CW 4300 - Adv Workshop in Poetry **(4)**
- CW 4500 - Adv Wkshp Literary Nonfiction **(4)**

Two courses from the screenwriting cognates listed below

- ENG 3620 - Drama **(4)**
- ENG 3720 - Modern Drama **(4)**
- ENG 3675 - Adaptation: Fiction, Drama, Film **(4)**
- ENG 3310 - Shakespeare **(4)**
- CIN 3200 - History of Film: The Silent Era **(4)**
- CIN 3210 - History of Film: The Sound Era to 1958 **(4)**
- CIN 3220 - History of Film: The New Wave and Beyond **(4)**
- CIN 3230 - History of Film: Into the 21st Century **(4)**
- CIN 3320 - National Cinemas and Film Cultures **(4)**
- CIN 3900 - Topics in Film History, Industry, and Technology **(4)**
- CIN 3901 - Topics in Film Genres **(4)**
- CIN 3902 - Topics in Film Authors, Authorship, and Aesthetics **(4)**
- CIN 3330 - Understanding Media Industries **(4)**
- CIN 3905 - Topics in Film **(4)**

D. Literary Nonfiction Track

Required Courses

- CW 3500 - Workshop Literary Nonfiction **(4)**
- CW 4500 - Adv Wkshp Literary Nonfiction **(4)**

Two additional workshop courses, chosen from

- CW 2100 - Intro Fiction/Poetry Writing **(4)**
- CW 2400 - Intro to Screen/TV Writing **(4)**
- CW 3200 - Workshop in Fiction **(4)**
- CW 3300 - Workshop in Poetry **(4)**
- CW 3400 - Screenwriting **(4)**
- CW 3600 - Playwriting **(4)**
- CW 4200 - Adv Workshop in Fiction **(4)**
- CW 4300 - Adv Workshop in Poetry **(4)**
- WRT 3086 - Workshop in Creative Non-Fiction **(4)**

Two courses from the literary nonfiction cognates listed below

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- ENG 2600 - Modes of Self-Narrative **(4)**
- ENG 3685 - Cultural Studies **(4)**
- ENG 3675 - Adaptation: Fiction, Drama, Film **(4)**
- ENG 3640 - Biography **(4)**
- ENG 3400 - Early American Literature **(4)**
- ENG 3410 - American Literature 1820-1865 **(4)**
- ENG 3730 - Special Topics in Literary Nonfiction **(4)**
- ENG 3705 - Contemporary Fiction **(4)**
- ENG 3715 - Contemporary Poetry **(4)**
- AMS 3000 - Topics in American Culture **(4)**
- CIN 3300 - Studies in Documentary Film **(4)**
- CIN 3610 - Documentary Filmmaking **(4)**

3. Sixteen elective credits, eight credits of which must be taken at the 3000 level

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Twelve of these credits must come from courses in literature (i.e., with the ENG prefix); students may use the remaining four credits to take either an additional course in literature or an additional (or sixth)

workshop. Two of the elective classes must be 3000 level or higher, but ENG 2100 can substitute for one of these 3000-level courses for students in the fiction, poetry, and literary nonfiction tracks; CIN 1150 can substitute for one 3000-level class for students in the screenwriting track.

4. At least twenty credits in English courses must be taken at Oakland.

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5. An introductory two-semester sequence in a foreign language, or one semester of a foreign language at the 1150 level or higher with a minimum grade of 2.0.

Note

Students majoring in creative writing **may not** use the ENG rubric to satisfy the College of Arts and Sciences exploratory requirement.

Students using this catalog to meet creative writing major requirements may also use any course subsequently approved as satisfying requirements under the various workshop and cognate elective course options that is published in a later catalog.

Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts and Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

English Minor

Requirements for the liberal arts minor in English

A minimum of 20 credits in English courses is required (exclusive of composition courses used to satisfy the writing proficiency requirement), with the following stipulations:

- A maximum of 4 credits of creative writing (CW) courses will be accepted for credit toward the minor.
- Only one 1000-level course will be accepted as part of the minor.
- At least two courses must be taken at the 3000 or 4000 level.
- Only four credits of ENG 4996 may apply toward the minor.
- English minors are encouraged to take advantage of study-abroad and study-away programs offered through Oakland University. The department advisers will work with students whenever possible to identify equivalent courses in study-abroad and study-away programs that will fulfill requirements for the minor.
- At least 12 credits from offerings in English must be taken at Oakland.
- Only courses in which a student has earned at least a 2.0 may be counted toward the English minor.
- ENG 2100 is a prerequisite for British and American literary history courses and the capstone seminar.

English Secondary Teaching Minor

Requirements for the secondary teaching minor in English

A minimum of 24 credits in English (at least 12 credits of which must be taken at Oakland) is required, distributed as follows:

1. One course in American ethnic literature selected from

- ENG 1500 - Literature of Ethnic America **(4)**
- ENG 3510 - Selected Ethnic Literature **(4)**
- ENG 3520 - African American Literature **(4)**

2. Other required courses

- ENG 2100 - Introduction to Literary Studies **(4)**
- ENG 2110 - Fundamentals of Grammar **(4)** or ENG 3100 - History of the English Language **(4)**
- ENG 2300 - British Literature **(4)**
- ENG 2500 - American Literature **(4)**
- SED 4100 - ST: Teaching Secondary in the Minor Methods **(4)** *(instructor permission required; all other courses for the English teaching minor must be completed prior to SED 4100)*

Additional information

Generally, a cumulative grade point average of 3.00 is required in courses included in the minor, with no single course grade below 2.0. Second undergraduate degree candidates completing the minor may be required to take additional courses at Oakland University beyond the stated minimums. Students must consult with the secondary education minor adviser in the department.

English, B.A.

Requirements for the liberal arts major in English, B.A. program

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A minimum of 40 credits in English courses, distributed as follows:

1. Introductory course

- ENG 2100 - Introduction to Literary Studies **(4)**

2. Two courses in British literary history selected from

- ENG 3200 - British Medieval Literature **(4)**
- ENG 3210 - British Literature of the Renaissance **(4)**
- ENG 3240 - British Literature from the Victorian Period to the Early 20th Century **(4)**

- ENG 3250 - British and Commonwealth Literature since 1900 **(4)**
- ENG 3220 - British Literature of the Restoration and 18th Century **(4)**
- ENG 3230 - British Literature of the Romantic Period **(4)**

Or one course from this group and one course from

- ENG 3300 - Chaucer **(4)**
- ENG 3310 - Shakespeare **(4)**
- ENG 3320 - Milton **(4)**
- ENG 3330 - The English Novel **(4)**

3. One course in American literature selected from

- ENG 3400 - Early American Literature **(4)**
- ENG 3410 - American Literature 1820-1865 **(4)**
- ENG 3420 - American Literature 1865-1920 **(4)**
- ENG 3430 - American Literature 1920-1950 **(4)**
- ENG 3440 - American Literature 1950 to the Present **(4)**

4. One capstone seminar selected from

- ENG 4900 - Advanced Topics in Literature and Language **(4)**
- ENG 4970 - Studies in Literary Kinds **(4)**
- ENG 4975 - Trans-Atlantic Traditions **(4)**
- ENG 4980 - Studies in Major Authors **(4)**
- ENG 4985 - Shakespeare Seminar **(4)**

5. At least 24 credits must be taken at the 3000 level or above.

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6. At least 20 credits in English courses must be taken at Oakland.

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7. An introductory two-semester sequence in a foreign language, or one semester of a foreign language at the 1150 level or higher.

Additional information

- A maximum of 12 credits of creative writing (CW) courses will be accepted for credit toward the major.
- Only one course at the 1000 level will be accepted for credit toward the major.
- ENG 2100 is a prerequisite for the required British and American literary history courses and the capstone seminar.
- No more than 8 credits of ENG 4996 will be accepted for credit toward the major.
- English majors are encouraged to take advantage of study-abroad and study-away programs offered through Oakland University. The department advisers will work with students whenever possible to identify equivalent courses in study-abroad and study-away programs that will fulfill requirements for the major..
- Only courses in which the student has earned a grade of at least 2.0 may be counted toward the English major, including the modern foreign language requirement.
- Students majoring in English **may not** use the CW rubric to satisfy the College of Arts and Sciences exploratory requirement.
- In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts and Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

Requirements for the modified major in English with a linguistics concentration

The modified English/linguistics major requires a minimum of 24 credits in English and American literature, distributed as follows:

1. Two courses in British literary history selected from

- ENG 3200 - British Medieval Literature **(4)**

- ENG 3210 - British Literature of the Renaissance **(4)**
- ENG 3240 - British Literature from the Victorian Period to the Early 20th Century **(4)**
- ENG 3250 - British and Commonwealth Literature since 1900 **(4)**
- ENG 3220 - British Literature of the Restoration and 18th Century **(4)**
- ENG 3230 - British Literature of the Romantic Period **(4)**

Or one course from this group and one course from

- ENG 3300 - Chaucer **(4)**
- ENG 3310 - Shakespeare **(4)**
- ENG 3320 - Milton **(4)**
- ENG 3330 - The English Novel **(4)**

2. One course in American literature selected from

- ENG 3400 - Early American Literature **(4)**
- ENG 3410 - American Literature 1820-1865 **(4)**
- ENG 3420 - American Literature 1865-1920 **(4)**
- ENG 3430 - American Literature 1920-1950 **(4)**

3. One 4000-level capstone seminar selected from

- ENG 4900 - Advanced Topics in Literature and Language **(4)**
- ENG 4970 - Studies in Literary Kinds **(4)**
- ENG 4975 - Trans-Atlantic Traditions **(4)**
- ENG 4980 - Studies in Major Authors **(4)**
- ENG 4985 - Shakespeare Seminar **(4)**

4. Five LIN or ALS courses, including

- LIN 2201 - Introduction to Linguistics **(4)**
- LIN 4303 - Introduction to Phonology **(4)**

- LIN 4304 - Introduction to Syntax **(4)**
- LIN 4403 - Phonological Theory **(4)** or LIN 4404 - Syntactic Theory **(4)**

5. Required course

- ENG 3100 - History of the English Language **(4)**

6. At least 20 of the 44 combined credits must be at the 3000 level or above.

Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts and Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

Students majoring in English **may not** use the CW rubric to satisfy the College of Arts and Sciences exploratory requirement.

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

English, STEP

Requirements for the Secondary Teacher Education Program (STEP): English

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The Secondary Teacher Education Program (STEP) at Oakland University is an extended program of study leading to certification. Eligibility for admission to STEP generally requires a GPA of 3.00 in both the major and minor and an overall GPA of 2.80. No single major or minor course grade may be below 2.0. Second undergraduate degree candidates completing a major and/or minors may be required to complete additional course work at Oakland University beyond the stated minimums. Students in this program must complete the requirements for a B.A. degree in the College of Arts and Sciences and

concurrently fulfill the requirements listed below: Forty credits in English (exclusive of composition courses used to satisfy the writing requirement) distributed as follows:

1. One course in American ethnic literature selected from

- ENG 1500 - Literature of Ethnic America **(4)**
- ENG 3510 - Selected Ethnic Literature **(4)**
- ENG 3520 - African American Literature **(4)**

2. Required courses

- ENG 2100 - Introduction to Literary Studies **(4)**
- ENG 2110 - Fundamentals of Grammar **(4)** or ENG 3100 - History of the English Language **(4)**
- ENG 2300 - British Literature **(4)**
- ENG 2500 - American Literature **(4)**

3. Two courses in British literary history selected from

- ENG 3200 - British Medieval Literature **(4)**
- ENG 3210 - British Literature of the Renaissance **(4)**
- ENG 3240 - British Literature from the Victorian Period to the Early 20th Century **(4)**
- ENG 3250 - British and Commonwealth Literature since 1900 **(4)**
- ENG 3220 - British Literature of the Restoration and 18th Century **(4)**
- ENG 3230 - British Literature of the Romantic Period **(4)**

Or one course from this group and one course from

- ENG 3300 - Chaucer **(4)**
- ENG 3310 - Shakespeare **(4)**
- ENG 3320 - Milton **(4)**
- ENG 3330 - The English Novel **(4)**

4. One course in American literature selected from

- ENG 3400 - Early American Literature **(4)**
- ENG 3410 - American Literature 1820-1865 **(4)**
- ENG 3420 - American Literature 1865-1920 **(4)**
- ENG 3430 - American Literature 1920-1950 **(4)**

5. Required course

- ENG 4000 - Approaches to Teaching Literature and Composition **(4)**

6. One 4000-level capstone seminar selected from

- ENG 4900 - Advanced Topics in Literature and Language **(4)**
- ENG 4970 - Studies in Literary Kinds **(4)**
- ENG 4975 - Trans-Atlantic Traditions **(4)**
- ENG 4980 - Studies in Major Authors **(4)**
- ENG 4985 - Shakespeare Seminar **(4)**

7. At least 20 credits must be taken at Oakland.

The following courses are also required

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1. Required course

- ALS 1101 - The Humanity of Language **(4)**

2. One course in world literature selected from

- ENG 1800 - Masterpieces of World Literature **(4)**
- ENG 1700 - Modern Literature **(4)**
- ENG 3660 - Classical Mythology **(4)**
- LIT 1000 - Introduction to Asian Literature **(4)**
- LIT 1810 - European Literature I **(4)**

- LIT 1820 - European Literature II **(4)**

3. Foreign language sequence

An introductory two-semester sequence in a foreign language, or one semester of a foreign language at the 1150 level or higher, with a minimum grade of 2.0.

Additional information

A program in STEP must also include a 20-28 hour secondary teaching minor and a sequence of undergraduate course work in education to include SED 3000 (must be completed prior to STEP application), SED 4100, FE 3010, DLL 4197 and RDG 4238 (must be completed prior to the final internship semester). Extended study including SE 4401, SED 4200 and SED 4952 is also required. Further details on program admission requirements and procedures can be found in the School of Education and Human Services portion of the catalog and by consulting advisers in the Department of English and the School of Education and Human Services advising office at 363 Pawley Hall, (248) 370-4182, or the School of Education and Human Services web site.

Course Descriptions

AMS 3000 - Topics in American Culture (4)
An interdisciplinary approach to various aspects of American culture addressing both the theoretical basis for American Studies and practical application of interdisciplinary methodology. *Satisfies the university general education requirement in U.S. diversity. Satisfies the university general education requirement in the knowledge application integration area. (Formerly AMS 300)*
Prerequisite(s): Western civilization knowledge application integration area: Completion of the general education requirement in the Western civilization knowledge exploration area.

AMS 4998 - Senior Project (4)
Either an independent research project or an internship in American studies. Plans for this project must be developed with the concentration coordinator the semester before the student registers for this course. (Formerly AMS 401)

CIN 1150 - Introduction to Film (4)
Introduction to the art of film by examination of the filmmaking process, study of narrative and non-narrative film, and exploration of film's relation to society. *Satisfies the university general education requirement in the arts knowledge exploration area. Satisfies the university general education requirement in U.S. diversity. (Formerly CIN 150)*

CIN 1600 - Introduction to Filmmaking (4)
Introduction to digital film production through group projects. (Formerly CIN 165)
Prerequisite(s): (CIN 150 or CIN 1150) or (ENG 250 or ENG 2610); cinema studies major or minor standing.

CIN 2150 - Methods of Cinema Studies (4)
Introduction to the academic study of film, with special emphasis on scholarly research and formal writing. Film screening lab may be required. (Formerly CIN 252). *Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement.*
Prerequisite(s): (CIN 150 or CIN 1150) or (ENG 250 or ENG 2610); (WRT 160 or WRT 1060) with a grade of 2.0 or higher.

CIN 2600 - Form and Meaning in Filmmaking (4)
Through group projects and individual editing, students explore formal methods of creating meaning in shots, sequences and short films. (Formerly CIN 265)
Prerequisite(s): (CIN 165 or CIN 1600); permission of instructor.

CIN 3150 - Film Theory and Criticism (4)
Survey of major critical approaches to the academic study of film, such as those theoretical models proposed by Eisenstein, Kracauer, Arnheim, Bazin, Sarris and Metz. Film screening lab may be required. (Formerly CIN 315)
Prerequisite(s): (CIN 252 or CIN 2150)

CIN 3200 - History of Film: The Silent Era (4)
Survey of directors and films important in shaping film history: Griffith, Eisenstein, Chaplin, Mumau, Pabst, Lang and others. Film screening lab may be required. (Formerly CIN 300)
Prerequisite(s): (CIN 150 or CIN 1150) or (ENG 250 or ENG 2610)

CIN 3210 - History of Film: The Sound Era to 1958 (4)
Examination of significant directors, genres and movements: Welles, Hitchcock, Renoir, DeSica and others; the western, gangster film, musical, neorealism, film noir. Film screening lab may be required. (Formerly CIN 301)
Prerequisite(s): (CIN 150 or CIN 1150) or (ENG 250 or ENG 2610)

CIN 3220 - History of Film: The New Wave and Beyond (4)
Study of film since 1959, including directors such as Godard, Truffaut, Akerman, Fassbinder, Herzog, Wertmuller, Bergman, Altman, Kubrick and Scorsese. Film screening lab may be required. (Formerly CIN 302)
Prerequisite(s): (CIN 150 or CIN 1150) or (ENG 250 or ENG 2610)

CIN 3230 - History of Film: Into the 21st Century (4)
Study of developments in film since the late 1980s, including topics such as Hollywood cinema, independent film-making, experimental films, feminist cinema, national cinema, and new technologies such as digital imaging. Film screening lab may be required. (Formerly CIN 303)
Prerequisite(s): (CIN 150 or CIN 1150) or (ENG 250 or ENG 2610)

CIN 3300 - Studies in Documentary Film (4)
Examination of the history of documentary film-making. Additional focus on aesthetic and industrial practices. Film screening lab may be required. (Formerly CIN 311)
Prerequisite(s): (CIN 150 or CIN 1150) or (ENG 250 or ENG 2610)

CIN 3310 - Experimental and Avant-Garde Film (4)
Historical examination of those forms of motion picture expression that fall outside of mainstream commercial filmmaking. Additional focus on aesthetic and artisanal practices. Film screening lab may be required. (Formerly CIN 312)
Prerequisite(s): (CIN 150 or CIN 1150) or (ENG 250 or ENG 2610)

CIN 3320 - National Cinemas and Film Cultures (4)
Film movements and cinema cultures from outside of the United States. National contexts vary and may be repeated under different subtitle for credit. Film screening lab may be required. (Formerly CIN 314)
Prerequisite(s): (CIN 150 or CIN 1150) or (ENG 250 or ENG 2610) with a grade of 2.0 or higher.

CIN 3330 - Understanding Media Industries (4)
Examination of local, regional, national and global film and media industry practices and communities, with emphasis upon the emergence and impact of key trends in these fields. Film screening lab may be required. Identical with (COM 386 or COM 3605). (Formerly CIN 325)
Prerequisite(s): (CIN 150 or CIN 1150) or (ENG 250 or ENG 2610)

CIN 3610 - Documentary Filmmaking (4)
Introduction to documentary film pre-production, production, and post-production. Additional emphasis upon how documentary film aesthetics shape audience experience. (Formerly CIN 366)
Prerequisite(s): (CIN 265 or CIN 2600)

CIN 3620 - Narrative Filmmaking (4)
Different forms and conventions of narrative filmmaking. Relevant aesthetic concepts and technical skills will be put into practice through the production of original short-form narrative films.(Formerly CIN 367)
Prerequisite(s): (CIN 265 or CIN 2600)

CIN 3630 - Experimental Filmmaking (4)
Range of experimental filmmaking techniques, with a focus on aesthetic practices that fall outside of mainstream commercial filmmaking. (Formerly CIN 368)
Prerequisite(s): (CIN 265 or CIN 2600)

CIN 3900 - Topics in Film History, Industry, and Technology (4)
Close examination of one or more of the major artistic, industrial or cultural trends shaping film history. Topics explored may include film censorship, art cinemas, the history of cinema technology, historiography. May be repeated under different subtitle for credit. Film screening lab may be required. (Formerly CIN 320)
Prerequisite(s): (CIN 150 or CIN 1150) or (ENG 250 or ENG 2610)

CIN 3901 - Topics in Film Genres (4)
Focus on the formation, function and analysis of film genres, with emphasis on individual types, such as the western, horror, romantic comedy, melodrama, or others. Topics to be selected by instructor. May be repeated under different subtitle for credit. Film screening lab may be required. (Formerly CIN 321)
Prerequisite(s): (CIN 150 or CIN 1150) or (ENG 250 or ENG 2610)

CIN 3902 - Topics in Film Authors, Authorship, and Aesthetics (4)
Examination of historical and aesthetic issues related to the creation of motion pictures. May focus on individual film directors or other individuals, groups, and institutions involved in the filmmaking process. Topics to be selected by instructor. May be repeated under different subtitle for credit. Film screening lab may be required. (Formerly CIN 322)
Prerequisite(s): (CIN 150 or CIN 1150) or (ENG 250 or ENG 2610)

CIN 3905 - Topics in Film (4)
Examination of specialized subjects in film. May be repeated for credit under separate sub-headings. Film screening lab may be required. (Formerly CIN 350)
Prerequisite(s): (CIN 150 or CIN 1150) or (ENG 250 or ENG 2610)

CIN 3906 - Topics in Filmmaking (4)
Examination of specialized subjects in film production, such as post-production and visual effects, cinematography, sound design, and film titles and credit sequences. Topics to be selected by instructor. May be repeated for credit under different subtitle. (Formerly CIN 365)
Prerequisite(s): (CIN 265 or CIN 2600)

CIN 4900 - Advanced Topics in Film (4)
Specialized topics in film history, theory and research methods. Film screening lab may be required. May be repeated for credit under different subtitle. *Satisfies the university general education requirement for the capstone experience. Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly CIN 450)*
Prerequisite(s): (CIN 315 or CIN 3150) or permission of instructor.

CIN 4901 - Advanced Topics in Film Theory (4)
Close examination of one or more theoretical approaches used to analyze film texts. May be repeated under different subtitle for additional credit. Film screening lab may be required. *Satisfies the university general education requirement for the capstone experience. (Formerly CIN 415)*
Prerequisite(s): (CIN 150 or CIN 1150) or (ENG 250 or ENG 2610); (CIN 252 or CIN 2150); (CIN 315 or CIN 3150); permission of instructor.

CIN 4930 - Field Internship in Cinema Studies (4)
Field internship for cinema studies majors under faculty supervision. Academic project that incorporates student performance in an occupational setting. May not be repeated for credit. (Formerly CIN 485)
Prerequisite(s): (CIN 150 or CIN 1150) or (ENG 250 or ENG 2610); junior/senior standing; 16 credits in cinema studies courses, with 8 at the 3000-4000 level; and instructor permission.

CIN 4996 - Independent Study (1 TO 4)
Study on an independent basis for students with demonstrated interest in film. A proposed course of study must be submitted to the prospective instructor in the semester before the independent study is to be taken. (Formerly CIN 499)
Prerequisite(s): one course in film.

CIN 4999 - Filmmaking Thesis (4)
Directed individual work completing a major thesis film and research into film industry practices. *Satisfies the university general education requirement for the capstone experience. Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement.*
Prerequisite(s): Senior standing, (CIN 252 or CIN 2150), and 28 credits in cinema studies of which at least 12 must be at the 3000 level, or permission of instructor.

CW 2100 - Intro Fiction/Poetry Writing (4)
Entry level creative writing workshop in fiction writing and poetry. (Formerly ENG 216)
Prerequisite(s): (WRT 160 or WRT 1060) with a grade of 2.0 or higher.

CW 2400 - Intro to Screen/TV Writing (4)
Entry level creative writing workshop in screen and television writing. (Formerly ENG 217)
Prerequisite(s): (WRT 160 or WRT 1060) with a grade of 2.0 or higher.

CW 2500 - Intro to Literary Nonfiction (4)
Introduction to the genre of literary nonfiction through the study of short examples and by writing in three categories of literary nonfiction: memoir, personal essay, and special topics essays on topics such as travel, food, and health. (Formerly ENG 218)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

CW 3200 - Workshop in Fiction (4)
Creative writing workshop, with emphasis on narrative. (Formerly ENG 383)
Prerequisite(s): (ENG 216 or CW 2100)

CW 3300 - Workshop in Poetry (4)
Creative writing workshop, with emphasis on both traditional and experimental poetic forms.(Formerly ENG 384)
Prerequisite(s): (ENG 216 or CW 2100)

CW 3400 - Screenwriting (4)
Creative writing for motion pictures emphasizing fundamentals of scene construction, characterization, and dialogue creation. (Formerly ENG 387)
Prerequisite(s): (ENG 217 or CW 2400) and (CIN 150 or CIN 1150) or (ENG 250 or ENG 2610)

CW 3450 - Writing for Television (4)
Creative writing workshop with an emphasis on writing for television. (Formerly ENG 388)
Prerequisite(s): (ENG 217 or CW 2400)

CW 3500 - Workshop Literary Nonfiction (4)
Study of masters in literary nonfiction, including readings within the genre from anthologies and literary journals. (Formerly ENG 395)
Prerequisite(s): (ENG 218 or CW 2500) with a grade of 2.5 or higher.

CW 3600 - Playwriting (4)
Creative writing for the theatre, emphasizing fundamentals of scene, character, and dialogue development. Identical with (THA 340 or THA 3040). (Formerly ENG 308)
Prerequisite(s): (WRT 160 or WRT 1060) with a grade of 2.0 or higher.

CW 4200 - Advanced Workshop in Fiction (4)
Creative writing workshop in fiction. *Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement. Satisfies the university general education requirement for the capstone experience. (Formerly ENG 410)*
Prerequisite(s): (ENG 383 or CW 3200) or permission of instructor.

CW 4300 - Advanced Workshop in Poetry (4)
Creative writing workshop in poetry. *Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement. Satisfies the university general education requirement for the capstone experience. (Formerly ENG 411)*
Prerequisite(s): (ENG 384 or CW 3300) or permission of instructor.

CW 4400 - Advanced Screenwriting (4)
Advanced creative writing workshop in screenwriting. (Formerly ENG 413) *Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement. Satisfies the university general education requirement for the capstone experience.*
Prerequisite(s): (ENG 387 or CW 3400) and permission of instructor.

CW 4450 - Advanced Television Writing (4)
Advanced creative writing workshop in writing for television. (Formerly ENG 414) *Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement. Satisfies the university general education requirement for the capstone experience.*
Prerequisite(s): (ENG 388 or CW 3450) and permission of instructor.

CW 4500 - Advanced Wkshp Literary Nonfiction (4)
Study of classic literary essays by various authors. (Formerly ENG 415) *Satisfies the university general education requirement for the capstone experience. Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement.*
Prerequisite(s): (ENG 395 or ENG CW 3500) or permission of instructor.

CW 4600 - Advanced Playwriting (4)
Identical with (THA 440 or THA 4040). May be repeated once for credit. (Formerly ENG 412)
Prerequisite(s): (ENG 308 or CW 3600) or (THA 340 or THA 3040). English and theatre majors (or minors). Permission of instructor.

ENG 1300 - Introduction to Shakespeare (4)
A general introduction to representative dramatic works of Shakespeare. *Satisfies the university general education requirement in the literature knowledge exploration area. (Formerly ENG 105)*

ENG 1500 - Literature of Ethnic America (4)
Studies in literature about the American ethnic heritage including examples from such sources as African-American, Native American and American immigrant literatures. *Satisfies the university general education requirement in the literature knowledge exploration area. Satisfies the university general education requirement in U.S. diversity. (Formerly ENG 112)*

ENG 1700 - Modern Literature (4)
General introduction to modern literature, which can include works written from the early twentieth century to the present, with some attention to literary form and to the way in which literature reflects culture. *Satisfies the university general education requirement in the literature knowledge exploration area. (Formerly ENG 111)*

ENG 1800 - Masterpieces of World Literature (4)
A survey acquainting the student with some of the great literature of the world. *Satisfies the university general education requirement in the literature knowledge exploration area. (Formerly ENG 100)*

ENG 2100 - Introduction to Literary Studies (4)
Introduction to literary research, the writing conventions of literary criticism, and the critical analysis of drama, prose fiction, and poetry. Required for the English major and minor. Prerequisite for the 3000 level literary history and capstone courses. (Formerly ENG 211)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher and English major or minor standing.

ENG 2110 - Fundamentals of Grammar (4)
A thorough introduction to basic grammatical forms and structures, drawing upon a variety of approaches and models. (Formerly ENG 215)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent.

ENG 2300 - British Literature (4)
Introduction to literary analysis and appreciation through readings in the British literary tradition. Emphasis on such authors as Chaucer, Shakespeare and Dickens. *Satisfies the university general education requirement in the literature knowledge exploration area. (Formerly ENG 241)*

ENG 2500 - American Literature (4)
Introduction to literary analysis and appreciation through readings in the American literary tradition. Emphasis on such authors as Hawthorne, Melville, Dickinson and James. *Satisfies the university general education requirement in the literature knowledge exploration area. (Formerly ENG 224)*

ENG 2600 - Modes of Self-Narrative (4)
Explores the construction of literary self-narratives with emphasis on written texts and developments in electronic media. (Formerly ENG 209)
Prerequisite(s): (WRT 160 or WRT 1060) with a grade of 2.0 or higher.

ENG 2610 - Film and Formal Analysis (4)
Exploration of the dramatic and narrative content of classic and modern films, treating such elements as theme, motif, symbol, imagery, structure and characterization, as well as cultural and philosophical implications. *Satisfies the university general education requirement in the literature knowledge exploration area. (Formerly ENG 250)*

ENG 2800 - Masterpieces of World Cinema (4)
Examination of a range of cinematic traditions, historical trends, and national film movements from around the globe. *Satisfies the university general education requirement in the global perspective knowledge exploration area. (Formerly ENG 260)*

ENG 2900 - Topics in Literature and Language (4)
Topics or problems selected by the instructor. (Formerly ENG 200)

ENG 3100 - History of the English Language (4)
A detailed survey of the English language from its beginning to modern times. Identical with (LIN 376 or LIN 4312). (Formerly ENG 376)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

ENG 3110 - Advanced Critical Writing (4)
Focus on the process of critical thinking to develop analytical writing skills. Required for English STEP majors and minors. *Satisfies the university general education requirement for a writing intensive course in general education. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly ENG 380)*
Prerequisite(s): (WRT 160 or WRT 1060) with a grade of 2.0 or higher.

ENG 3200 - British Medieval Literature (4)
Development of Old and Middle English literature to about 1500. Emphasis on the major works from Beowulf to Chaucer and Malory. (Formerly ENG 354)
Prerequisite(s): (ENG 211 or ENG 2100)

ENG 3210 - British Literature of the Renaissance (4)
Literature from about 1500 to 1660. Emphasis on the development of the sonnet and lyric, drama, prose and epic. Consideration of such major authors as Sidney, Donne, Shakespeare and Milton.(Formerly ENG 355)
Prerequisite(s): (ENG 211 or ENG 2100)

ENG 3220 - British Literature of the Restoration and 18th Century (4)
Prose, poetry and drama from 1660 to the Romantic Revolutions. Consideration of such major authors as Dryden, Swift, Pope and Johnson. (Formerly ENG 370)
Prerequisite(s): (ENG 211 or ENG 2100)

ENG 3230 - British Literature of the Romantic Period (4)
Prose and poetry from the age of Austen, Blake, Wordsworth, Bryon, Shelley and Keats. (Formerly ENG 371)
Prerequisite(s): (ENG 211 or ENG 2100)

ENG 3240 - British Literature from the Victorian Period to the Early 20th Century (4)
From the Victorians to the 1920s. Authors may include Bronte, Tennyson, Browning, Dickens, Eliot, Hardy, Arnold, Carlyle, Rossetti, Shaw, Lawrence, Yeats and Woolf. (Formerly ENG 357)
Prerequisite(s): (ENG 211 or ENG 2100)

ENG 3250 - British and Commonwealth Literature since 1900 (4)
British and Anglophonic literature since 1900. Authors may include Joyce, Woolf, Eliot, Rhys, Beckett, Rao and Achebe. (Formerly ENG 358)
Prerequisite(s): (ENG 211 or ENG 2100)

ENG 3300 - Chaucer (4)
The major works, with emphasis on The Canterbury Tales and Troilus and Criseyde. (Formerly ENG 311)
Prerequisite(s): (ENG 211 or ENG 2100)

ENG 3310 - Shakespeare (4)
Reading and discussion of representative plays and poetry. (Formerly ENG 315)
Prerequisite(s): (ENG 211 or ENG 2100)

ENG 3320 - Milton (4)
His major poetry, with emphasis on Paradise Lost and some attention to his prose. (Formerly ENG 316)
Prerequisite(s): (ENG 211 or ENG 2100)

ENG 3330 - The English Novel (4)
A study of the origin and development of the English novel from its beginnings to the early twentieth century. Among the novelists to be considered are Fielding, Richardson, Austen, Dickens, Conrad, Lawrence and Joyce. (Formerly ENG 369)
Prerequisite(s): (ENG 211 or ENG 2100)

ENG 3400 - Early American Literature (4)
Studies in colonial and early national American literature, with emphasis on such writers as Bradstreet, Taylor, Edwards and Franklin. (Formerly ENG 317)
Prerequisite(s): (ENG 211 or ENG 2100)

ENG 3410 - American Literature 1820-1865 (4)
Studies in American prose and poetry of the pre-Civil War period, with emphasis on such writers as Emerson, Hawthorne, Melville, Thoreau and Whitman. (Formerly ENG 318)
Prerequisite(s): (ENG 211 or ENG 2100)

ENG 3420 - American Literature 1865-1920 (4)
Studies in American prose and poetry from the Civil War through World War I, with emphasis on such writers as Twain, James and Dickinson. (Formerly ENG 319)
Prerequisite(s): (ENG 211 or ENG 2100)

ENG 3430 - American Literature 1920-1950 (4)
Studies in American literature of the modern period. (Formerly ENG 320)
Prerequisite(s): (ENG 211 or ENG 2100)

ENG 3440 - American Literature 1950 to the Present (4)
Studies in American fiction, poetry, and drama from 1950 to the present. (Formerly ENG 321)
Prerequisite(s): (ENG 211 or ENG 2100)

ENG 3500 - Issues in American Literature (4)
Study of literary works ranging across period and/or genre in their relation to a central issue, theme or problem in American literature. Representative topics are romanticism, the Puritan tradition, American humor and the writer and American society. (Formerly ENG 324)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

ENG 3510 - Selected Ethnic Literature (4)
Reading and critical analysis of representative selections from American ethnic literature. Special attention to groupings such as American-Jewish and Native American at discretion of instructor. *Satisfies the university general education requirement in U.S. diversity. (Formerly ENG 341)*
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

ENG 3520 - African American Literature (4)
Study of African American literary history, including the evolution of form through slave narrative, sentimental fiction, political protest, to contemporary writing, authors may include Douglass, Jacobs, Chesnutt, Du Bois, Ellison, Petry and Morrison. *Satisfies the university general education requirement in the knowledge application integration area. Prerequisite for knowledge application integration: completion of the university general education requirement in the literature knowledge exploration area. Satisfies the university general education requirement in U.S. diversity. (Formerly ENG 342)*
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

ENG 3600 - Fiction (4)
The major forms of narrative fiction (short story, novella, novel) studied from generic and historical points of view. *Satisfies the university general education requirement in the literature knowledge exploration area. (Formerly ENG 303)*
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher and junior standing.

ENG 3610 - Poetry (4)
The major forms of poetic expression studied from generic and historical points of view.(Formerly ENG 301) *Satisfies the university general education requirement in the literature knowledge exploration area.*
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

ENG 3620 - Drama (4)
Major forms of dramatic expression studied from generic and historical points of view. *Satisfies the university general education requirement in the literature knowledge exploration area. (Formerly ENG 306)*
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher and junior standing.

ENG 3630 - Studies in Literary Mode (4)
A major literary mode (such as tragedy, comedy, epic, romance, satire) studied from generic and historical points of view. (Formerly ENG 304)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

ENG 3640 - Biography (4)
The study of biography as a form of literary art, considering both theory and practice. *Satisfies the university general education requirement in the knowledge applications integration area. Prerequisite for knowledge applications integration: completion of the general education requirement in the Western civilization knowledge exploration area. (Formerly ENG 310)*
Prerequisite(s): (WRT 160 or WRT 1060) with a grade of 2.0 or higher.

ENG 3650 - The Bible as Literature (4)
Emphasis on the artistic, imaginative and historical aspects of the Bible. Identical with (REL 353 or REL 3740). *Satisfies the university general education requirement in the literature knowledge exploration area. (Formerly ENG 305)*
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher and junior standing.

ENG 3660 - Classical Mythology (4)
The principal Greek and Roman myths and their uses in classical and post-classical art and literature. *Satisfies the university general education requirement in the literature knowledge exploration area. (Formerly ENG 312)*
Prerequisite(s): junior standing.

ENG 3665 - Myth in Literature (4)
Study of the mythic content and/or structure of literature. (Formerly ENG 313)

ENG 3675 - Adaptation: Fiction, Drama, Film (4)
Examination of how works of fiction and drama are transformed into film, including focus on creative and industrial practice. *Satisfies the university general education requirement in knowledge applications integration area. Prerequisite for knowledge applications integration: completion of the general education requirement in the literature knowledge exploration area. (Formerly ENG 309)*
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

ENG 3680 - Literary Theory, Early 20th Century to the Present (4)
The development of literary theory, presented as a survey. Applications of theory in critical practice will be considered. (Formerly ENG 391)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

ENG 3685 - Cultural Studies (4)
The interaction of texts and cultural contexts, studied from diverse perspectives - aesthetic, economic, historical and technological. Texts may be literary, filmic, televisual, musical.(Formerly ENG 302)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

ENG 3700 - Modern Fiction (4)
Studies in fiction of the first half of the 20th century. This course may emphasize British, American or international fiction in any given semester. (Formerly ENG 332)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

ENG 3705 - Contemporary Fiction (4)
Narrative literature from 1950 to the present day. (Formerly ENG 334)
Prerequisite(s): (WRT 160 or WRT 1060) with a grade of 2.0 or higher.

ENG 3710 - Modern Poetry (4)
Studies in poetry since the beginning of the 20th century. Course may emphasize American or British poetry or discuss international currents in modern poetry. (Formerly ENG 333)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

ENG 3715 - Contemporary Poetry (4)
Poetry from 1950 to the present day. (Formerly ENG 335)
Prerequisite(s): (WRT 160 or WRT 1060) with a grade of 2.0 or higher.

ENG 3720 - Modern Drama (4)
Studies in English, American and Continental drama since Ibsen. (Formerly ENG 307)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

ENG 3800 - Postcolonial Literature (4)
Postcolonial literature and theory from its origins to the present. May include works from Africa, Southeast Asia, the Middle East, and/or the Americas, either written in English or studied in translation.(Formerly ENG 344)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

ENG 3810 - Irish Literature (4)
Study of Irish literature with special attention to the Irish political experience and questions of what constitutes a national literature. Authors may include Swift, Edgeworth, Yeats, Lady Gregory, Joyce or Friel. (Formerly ENG 343)
Prerequisite(s): (WRT 160 or WRT 1060) with a grade of 2.0 or higher.

ENG 3900 - Special Topics in Literature and Language (4)
Special problems or topics selected by the instructor. (Formerly ENG 300)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

ENG 3901 - Studies in Literary Nonfiction (4)
Studies in literary nonfiction selected by the instructor. May be repeated for additional credit under different subtitle. (Formerly ENG 325.)
Prerequisite(s): WRT 160 or WRT 1060 or equivalent with a grade of 2.0 or higher.

ENG 3905 - Topics in Film (4)
Topic or problem to be selected by the instructor. May be repeated under different subtitle.(Formerly ENG 350)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

ENG 4000 - Approaches to Teaching Literature and Composition (4)
Introduction to teaching literature and composition. Topics include the reading and writing processes, adolescent literature, media and the language arts, and spoken language. For students planning to apply to the secondary education program (STEP). To be taken in the winter semester prior to applying. (Formerly ENG 398)
Prerequisite(s): Declared STEP major; (WRT 160 or WRT 1060) with a grade of 3.0 or higher; junior/senior standing or instructor permission.

ENG 4900 - Advanced Topics in Literature and Language (4)
Advanced topics and problems selected by the instructor. *Satisfies the university general education requirement for the capstone experience. Satisfies the university general education requirement for writing intensive in the major area. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly ENG 400)*
Prerequisite(s): (ENG 211 or ENG 2100) and at least two of the three required 3000 level British and American literary history courses; or permission of the instructor.

ENG 4950 - Internship (4)
Practical experience in appropriate work position at an approved site, correlated with directed study assignments. In the semester prior to enrollment, the student will plan the internship in conjunction with the instructor and with the approval of the department chair. A final analytical paper will be required. May be repeated once in a different setting for elective credit only. (Formerly ENG 491)
Prerequisite(s): 16 credits in English, of which at least 8 must be at the 3000-4000 level, and permission of the instructor and the department chair.

ENG 4970 - Studies in Literary Kinds (4)
The study of a single literary kind, whether genre (such as novel, lyric or drama) or mode (such as tragedy or comedy). May be repeated under different subtitle. *Satisfies the university general education requirement for the capstone experience. Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly ENG 401)*
Prerequisite(s): (ENG 211 or ENG 2100) and at least two of the three required 3000 level British and American literary history courses; or permission of the instructor.

ENG 4975 - Trans-Atlantic Traditions (4)
Studies of the relations between the British and American literary traditions. May emphasize a theme, a period, or particular authors. May be repeated for credit under different subtitle. *Satisfies the university general education requirement for the capstone experience. Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly ENG 420)*
Prerequisite(s): (ENG 211 or ENG 2100) and at least two of the three required 3000 level British and American literary history courses; or permission of the instructor.

ENG 4980 - Studies in Major Authors (4)
Intensive study of a selected group of authors: British, American or both. May be repeated for credit with different authors. *Satisfies the university general education requirement for the capstone experience. Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly ENG 453)*
Prerequisite(s): (ENG 211 or ENG 2100) and at least two of the three required 3000 level British and American literary history courses; or permission of the instructor.

ENG 4985 - Shakespeare Seminar (4)
Analysis of four or five of the plays. *Satisfies the university general education requirement for the capstone experience. Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly ENG 465)*
Prerequisite(s): (ENG 211 or ENG 2100) and at least two of the three required 3000 level British and American literary history courses; or permission of the instructor.

ENG 4996 - Independent Study (2 OR 4)
A proposed course of study must be submitted to the prospective instructor in the semester before the independent study is to be taken. Only 8 credits of (ENG 499 or ENG 4996) may apply toward the major and only 4 credits may apply toward the minor. May be elected on an S/U basis. (Formerly ENG 499)
Prerequisite(s): four courses in English and permission of instructor.

Environmental Science Program

260A SCIENCE AND ENGINEERING BUILDING

(248) 370-2320

Program Website

Director: *Linda Schweitzer (Chemistry)*

Faculty and lecturers: *Marcella Colling, Gaylon Jolley, Jim Leidel, D. David Newlin, Linda Schweitzer, David Szlag, Wendy Wilson, Ziming Yang*

Designed to integrate applied scientific specialties within the broad field of environmental science, the environmental science curricula prepare students for a variety of professional opportunities in government as well as the private sector, and for graduate study in such fields as toxic substance management, public health, toxicology, remediation, restoration, energy and sustainability and environmental planning.

Graduates of the program should be able to identify and evaluate a broad range of environmental problems. In addition, they should be able to offer solutions, anticipate hazards and prevent future problems. Studies include such areas as health in the workplace, toxic substance regulations, applied ecology, pollution prevention, air resources, water resources and public environmental policy.

Programs

- Environmental Science Minor
- Environmental Science, B.S.
- Environmental Studies Concentration

Environmental Science Minor

Requirements for the liberal arts minor in environmental science

A minimum of 22 credits are required for the environmental science minor distributed as follows:

1. Required courses

- ENV 3080 - Introduction to Environmental Studies **(4)**
- ENV 4521 - Environmental Management Systems **(3)**
- ENV 4610 - Environmental Law and Policies **(3)**

2. 12 credits of electives approved by the program director

Note

An approved concentration/minor authorization form must be filed three semesters prior to graduation.

Environmental Science, B.S.

Designed to integrate applied scientific specialties within the broad field of environmental science, the environmental science curricula prepare students for a variety of professional opportunities in government as well as the private sector, and for graduate study in such fields as toxic substance management, public health, toxicology, pharmacology, industrial hygiene and environmental planning.

Graduates of the program should be able to identify and evaluate a broad range of environmental problems. In addition, they should be able to offer solutions, anticipate hazards and prevent future problems. Studies include such areas as health in the workplace, toxic substance regulations, applied ecology, pollution prevention, air resources, water resources and public environmental policy.

Requirements for the B.S. degree

To earn a Bachelor of Science degree with a major in environmental science, students must complete a minimum of 124 credits including:

1. An introductory prerequisite core (minimum of 32 credits) including

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a. Required courses in biology

- BIO 1200 - Biology I **(4)**

- BIO 1300 - Biology II **(4)**
- BIO 1201 - Biology Laboratory **(1)**

b. Required courses in chemistry

- CHM 1440 - General Chemistry I **(4)** and CHM 1470 - General Chemistry Laboratory I
- CHM 1450 - General Chemistry II **(4)** and CHM 1480 - General Chemistry Laboratory II

c. Required courses in physics

- PHY 1010 - General Physics I **(4)** and PHY 1100 - General Physics Lab I (or PHY 1510 and PHY 1100)

d. 8 additional credits

- Eight credits of mathematics above MTH 1221 or statistics (STA 2220 recommended)

2. Core requirements (minimum of 15 credits) including

- BIO 3330 **- Ecology (5)**
- ENV 3080 - Introduction to Environmental Studies **(4)**
- ENV 4610 - Environmental Law and Policies **(3)**
- ENV 4950 - Environmental Science Internship **(3)** *(satisfies the requirements for the capstone experience and writing intensive course in the major)*

3. Complete one of the specializations described below:

Specialization includes a minimum of 28 credits and must be approved by the program director. At least 16 of the credits taken at the 3000 level or above must be taken at Oakland University.

Specialization in environmental health (minimum of 28 credits)

Based upon an extensive curriculum planning study, this option combines environmental and occupational health perspectives in scientific and technical courses designed to provide pre-professional training for careers relating human health and safety factors to working conditions. Students learn to recognize, evaluate and control actual and potential environmental hazards.

Many opportunities exist at local and state levels of government to improve health and environmental quality, focusing on toxic substance control, food protection, water quality, and waste management. Students may also pursue careers in environmental consultancy or industry, such as occupational safety and health, risk assessment, and waste management. This specialization is also designed to adequately prepare students for further pursuits of graduate studies in the fields of toxicology, public health, and environmental chemistry.

Required coursework includes

- BIO 2600 - Human Physiology **(4)** or BIO 3620 - Medical Physiology
- BIO 3520 - Introduction to Human Microbiology **(4)** or BIO 3500 - General Microbiology
- BIO 3232 - Biochemistry I **(4)**
- CHM 2340 - Organic Chemistry I **(4)**
- ENV 3550 - Public and Environmental Health **(3)**
- ENV 3680 - Fundamentals of Hazardous Materials Regulations **(3)** or ENV 3860 - Principles of Occupational Health
- ENV 4521 - Environmental Management Systems **(3)**
- ENV 4460 - Industrial and Environmental Toxicology **(3)**

Specialization in environmental sustainability and resource management (minimum of 28 credits)

This option emphasizes the wise use of resources, especially as they affect human health and well-being. Program electives offer training for a variety of field and laboratory opportunities including planning, resource management, environmental protection and public policy.

1. Required coursework includes

- BIO 3332 - Field Biology **(4)** or BIO 3312 - Field Botany or ENV 3750 - Introduction to Apiculture and Sustainability
- ENV 3090 - Principles of Geology **(3)**
- ENV 3120 - Energy and the Environment **(4)**
- ENV 3700 Principles of Soil Science **(4)**
- ENV 3730 - Water Resources **(3)**
- ENV 4800 - Biogeochemical Cycling **(3)**

2. Recommended electives include

- Any ENV non-core course
- BIO 3334 - Botany **(4)**
- BIO 4330 - Stream Ecology **(3)**
- CHM 2340 - Organic Chemistry I **(4)**
- CHM 4100 - Environmental Chemistry **(3)**
- CHM 4130 - Environmental Aquatic Chemistry **(3)**
- AN 3720 - Human Adaptation **(4)**
- ENV 3220 - The Food Quest **(4)** or AN 3133 - The Food Quest
- ENV 3540 - Global Environmental Governance **(4)**
- or PS 3730 Global Environmental Governance **(4)**

Notes

Elective courses for the environmental sustainability and resource management specialization must be approved by the program director.

Students using this catalog to meet the environmental studies major requirements may also use any course subsequently approved under the recommended electives and published in a later catalog.

Major Standing

Major standing must be achieved three semesters before graduation, and before a student reaches senior status, otherwise graduation may be delayed.

Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts and Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

Environmental Studies Concentration

Coordinator: Linda Schweitzer *(Chemistry)*

The concentration in environmental studies introduces students to the newer interdisciplinary perspectives needed to address today's environmental problems. Short- and long-range implications of human activities are analyzed, with emphasis on the technical and scientific issues.

Requirements for the concentration are a minimum of 28 credits in a planned and approved program of advanced courses built on introductory work in biology, chemistry, mathematics and physics. Typically, the 28 credits would include:

Environmental studies concentration suggested coursework

Core course

- ENV 3080 - Introduction to Environmental Studies **(4)**

Sixteen credits of coursework:

Sixteen credits of coursework at the 3000 level or above selected from at least three rubrics including ENV.

Recommend courses outside ENV rubric include:

- AN 3720 - Human Adaptation **(4)**
- BIO 3330 - Ecology **(5)**
- BIO 3332 - Field Biology **(4)**
- BIO 3362 - Permaculture **(4)**
- BIO 3312 - Field Botany **(4)**
- CHM 4100 - Environmental Chemistry **(3)**
- CHM 4120 - Atmospheric Chemistry **(3)**
- CHM 4130 - Environmental Aquatic Chemistry **(3)**
- PS 3305 - Public Administration **(4)**

- PS 3310 - American Public Policy **(4)**
- PS 3730 - Global Environmental Governance **(4)**
- AN 3133 - The Food Quest **(4)**

Additional Information

At least 16 credits must be in non-duplicative coursework with another major.

A Concentration/Minor Authorization Form with an approved set of courses must be filed at least two semesters prior to graduation. Consult the program coordinator for details about course sequences and scheduling. See course descriptions for ENV course offerings.

Course Descriptions

ENV 3080 - Introduction to Environmental Studies (4)
Survey of a broad range of environmental issues from a scientific viewpoint. Basic ecological and thermodynamic principles with applications to air, water and land pollution; human demography and food supplies; alternative futures. *Satisfies the university general education requirement in the natural science and technology knowledge exploration area. (Formerly ENV 308)*
Prerequisite(s): sophomore standing.

ENV 3090 - Principles of Geology (3)
Basic concepts of geology including rocks and minerals; weathering processes and products; hydrogeology and surface hydrology; erosion, sedimentation, and transport; oil, gas, ore, and mineral formation, exploration, and exploitation; and environmental issues. (Formerly ENV 309)

ENV 3100 - Economics of the Environment (3)
Identical with (ECN 310 or ECN 3100). (Formerly ENV 310)
Prerequisite(s): (ECN 150 or ECN 1500) or (ECN 201 or ECN 2010) or (ECN 210 or ECN 2100)

ENV 3120 - Energy and the Environment (4)
Basic facts of energy: sources, forms, the roles it plays, and its ultimate fate. Includes study of laws limiting energy utilization, energy flow patterns, effects of energy use on the environment and analyses of current energy-related problems. (Formerly ENV 312)
Prerequisite(s): sophomore standing; mathematics proficiency at the (MTH 061 or MTH 0661) level.

ENV 3220 - The Food Quest (4)
Identical with (AN 322 or AN 3133). (Formerly ENV 322)

ENV 3540 - Global Environmental Governance (4)
Identical with (PS 354 or PS 3730). *Satisfies the university general education requirement in the knowledge application integration area. Prerequisite for knowledge applications integration: completion of the general education requirement in the social science knowledge explanation area. Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. Prerequisite for writing area: completion of the university writing foundation requirement. (Formerly ENV 354)*

ENV 3550 - Public and Environmental Health (3)
Emphasizing a public health perspective, this course surveys human health issues along with control strategies to reduce risk. Topics include: epidemiology, disease vectors, drinking water, occupational health, food protection, solid and hazardous wastes. (Formerly ENV 355)
Prerequisite(s): sophomore standing.

ENV 3640 - Hazardous Materials Emergency Response (3)
Review of standard operating procedures when dealing with responses to hazardous materials incidents. Planning procedures, policies and application of procedures for incident levels, personal protective equipment, decontamination, safety, communications and governmental reporting are stressed. (Formerly ENV 364)
Prerequisite(s): sophomore standing.

ENV 3680 - Fundamentals of Hazardous Materials Regulations (3)
An introduction to the regulations governing the manufacture, use, storage, transportation, treatment and disposal of hazardous materials. Related management issues of liability, compliance, ethics, assessment, remediation and clean-ups will be discussed. (Formerly ENV 368)
Prerequisite(s): sophomore standing; (ENV 386 or ENV 3860) recommended.

ENV 3700 - Principles of Soil Science (4)
Soil science, weathering processes, weathering products, soil mineralogy, nutrients and trace elements, soil use and management. Field and lab work accompany lecture. (Formerly ENV 370)

ENV 3730 - Water Resources (3)
Analysis of natural water systems, introductory hydrology, the chemistry of eutrophication, and wastewater systems. Emphasis is on applications, including water pollution abatement and management strategies. (Formerly ENV 373)
Prerequisite(s): (CHM 145 or CHM 1450) and (CHM 148 or CHM 1480) and sophomore standing.

ENV 3750 - Introduction to Apiculture and Sustainability (4)
Beekeeping, bee biology, and bee biochemistry, general hive maintenance, and the use of apiculture in sustainable agricultural practices. Field work accompanies lecture. (Formerly ENV 375)
Prerequisite(s): (BIO 113 or BIO 1300) with a grade of 2.0 or greater.

ENV 3860 - Principles of Occupational Health (3)
Recognition, evaluation and control of chemical and physical stresses in the workplace that may adversely affect human health. (Formerly ENV 386)
Prerequisite(s): sophomore standing; (BIO 113 or BIO 1300), (CHM 234 or CHM 2340), Physics is desirable.

ENV 3870 - Industrial Hygiene Field Survey (3)
Selected subjects of current interest in occupational and environmental health and review of occupational health programs at local industrial companies through site visits. (Formerly ENV 387)
Prerequisite(s): (ENV 386 or ENV 3860) recommended.

ENV 3890 - African Environmental History (4)
Identical with (HST 389 or HST 3740). (Formerly ENV 389)
Prerequisite(s): (WRT 160 or WRT 1060)

ENV 3900 - Selected Topics (1 TO 4)
Technical studies in special areas; topics vary with semester. May be repeated for credit.(Formerly ENV 350)
Prerequisite(s): junior standing and permission of instructor.

ENV 3920 - Directed Studies (1 TO 6)
Studies in special areas, often individually arranged. May be repeated for credit. Preparation of study plan and instructor's approval are required before registration. Graded S/U. (Formerly ENV 390)
Prerequisite(s): permission of instructor.

ENV 4100 - Human Adaptation (4)
Identical with (AN 410 or AN 3720). (Formerly ENV 410)

ENV 4460 - Industrial and Environmental Toxicology (3)
Introduction to the basic concepts and techniques of toxicology with special attention given to the industrial environment. Evaluation of the toxic effects of substances and toxic responses to various substances. Principles of toxicology applied to biological systems: exposure, biotransformations, mechanisms of toxicity, dose-response relationships and factors influencing toxicity. Identical with (EHS 446 or EHS 4460). *Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite(s) for writing intensive: completion of the university writing foundation requirement. (Formerly ENV 446)*
Prerequisite(s): (CHM 234 or CHM 2340) or permission of instructor.

ENV 4520 - Geographic Information System Analysis for Sustainability (4)
Identical with (PS 352 or PS 3850). (Formerly ENV 352)

ENV 4521 - Environmental Management Systems (3)
Problems of air and water pollution, solid waste management, hazardous material handling, life cycle analyses and pollution control examined from several viewpoints. Solutions to pollution problems, control technologies, practical aspects and compliance with regulations. (Formerly ENV 452)
Prerequisite(s): sophomore standing, (CHM 145 or CHM 1450) and (CHM 148 or CHM 1480)

ENV 4610 - Environmental Law and Policies (3)
Legislative and legal perspectives on environmental and occupational health issues. Special emphasis on current laws and regulations, as well as their impact on the groups regulated.(Formerly ENV 461)
Prerequisite(s): sophomore standing.

ENV 4740 - Industrial Hygiene Monitoring Methods (3)
Sampling and analysis of occupational health hazards and evaluation of the effectiveness of industrial hygiene control methods in laboratory and field locations. (Formerly ENV 474)
Prerequisite(s): (ENV 386 or ENV 3860) recommended.

ENV 4800 - Biogeochemical Cycling (3)
Nutrient cycle, environmental contamination, remediation, sustainable agriculture, land use and management. (Formerly ENV 480)
Prerequisite(s): (ENV 308 or ENV 3080)

ENV 4850 - Environmental Fate and Transport (3)
Distribution and transformation of chemical pollutants in air, water and soil. Topics include chemical equilibrium and mass transport processes, biotic and abiotic transformations, hydrology, and physiochemical properties of chemical pollutants that affect transport, accumulation and degradation. (Formerly ENV 485)
Prerequisite(s): (CHM 234 or CHM 2340)

ENV 4860 - Toxic Substance Control (3)
Quantification and management of toxic substances, including production, use, distribution, exposure and control. Risk assessment and regulatory strategies will be emphasized. (Formerly ENV 486)
Prerequisite(s): (BIO 111 or BIO 1200), (BIO 113 or BIO 1300); (CHM 234 or CHM 2340)

ENV 4870 - Natural Resource Management (3)
Oil, gas and metallic ore exploration and exploitation. Contamination issues and remediation strategies. Special emphasis on real data analysis. Students will produce and present a comprehensive management plan production based on these data. (Formerly ENV 487)
Prerequisite(s): (ENV 309 or ENV 3090)

ENV 4950 - Environmental Science Internship (3)
Supervised practical experiences in an environmental health setting. Weekly journal and a written paper required. *Satisfies the university general education requirement for the capstone experience. Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly ENV 470)*
Prerequisite(s): junior standing. Permission of instructor.

Department of History

416 VARNER HALL
(248) 370-3510
Fax: (248) 370-3528

Department Website

Chairperson: *Todd A. Estes*

Professors emeriti: *Linda Benson, James D. Graham, Mary Karasch, Roy A. Kotynek, Carl R. Osthaus, S. Bernard Thomas, Richard P. Tucker*

Professors: *Todd A. Estes, Craig Martin*

Associate professors: *Getnet Bekele, Sara E. Williams, Daniel J. Clark, De Witt S. Dykes, Jr., Derek K. Hastings, Weldon C. (Don) Matthews, Karen A. J. Miller, George Milne, Seán Farrell Moran, James Naus*

Assistant professors: *Erin Dwyer, Yan Li, Elizabeth Shesko*

Chief adviser: *Craig Martin*

The study of history at the undergraduate level has traditionally been considered one of the major paths to informed and effective citizenship. Its emphasis on broad knowledge, critical reading, careful judgment and precise writing offers excellent pre-professional preparation for many careers in business, government service, law, teaching, the ministry, journalism and library and museum service.

The Department of History guides students toward these careers and provides an opportunity to support academic preparation with field experience in the community (e.g., a historical society, museum or private or public agency). Oakland University's teacher preparation program draws on history in the elementary education major and minor concentrations in social studies and in the secondary teaching major and minor in history. Careers in college teaching and other forms of professional historical scholarship usually require post-graduate training, toward which solid work in the undergraduate major is extremely important. Students interested in achieving a Ph.D. in history should be aware that most graduate schools require demonstrated competence in one or two modern foreign languages.

The department's undergraduate program leads to the Bachelor of Arts degree. It also offers a Master of Arts program, which is described in the Oakland University Graduate Catalog. The department offers both undergraduate and graduate evening courses, and students can complete either the B.A. or M.A. entirely at night. All history students should plan their course of study in close consultation with a department adviser.

Departmental Honors and Scholarships

Department honors may be awarded to graduating majors for outstanding achievement in history as evidenced by faculty recommendations, high grades and a superior research paper. The original paper, along with the instructor's comments and grade, should be submitted. There is no statutory grade point minimum for honors, but the award is not normally made to students with less than a 3.50 grade point average in history. Inquiries should be addressed to the Department of History, 416 Varner Hall, (248) 370-3510.

Students are eligible for membership in Alpha Zeta Upsilon, Oakland University chapter of the international honor society in history, Phi Alpha Theta. Students are selected for membership on the basis of academic achievement. Inquiries should be addressed to the history department office. There is one scholarship, the George T. Matthews Scholarship, specifically for students majoring in history. Junior and senior history majors are eligible for a Holzbock Scholarship. There are five Holzbock scholarships of $2,500 each made annually to students in the humanities. Information about the Matthews and Holzbock scholarships is available in the department office.

Course prerequisites

Introductory and survey courses (HST 1300 -HST 2280) have no prerequisites. More advanced courses (HST 3000 -HST 3665) have a general prerequisite of writing proficiency (e.g.,WRT 1060 or equivalent) plus any special requirements listed within the course descriptions. The most advanced research courses at the undergraduate level (HST 4110 - HST 4978) have a general requirement of 20 credits in history plus any special requirements listed within the course descriptions.

Programs

- History Minor
- History Secondary Teaching Minor
- History, B.A.
- History, STEP

History Minor

Requirements for the liberal arts minor in history

The liberal arts minor in history requires a minimum of 20 credits as outlined below:

1. Eight credits in history courses numbered 3000 or above

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2. At least 12 credits in history courses must be taken at Oakland University.

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3. Only courses in which the student has earned a grade of at least 2.0 may be counted toward the history minor.

History Secondary Teaching Minor

Requirements for the secondary teaching minor in history

The secondary teaching minor in history requires 24 credits in history courses, including:

1. Required courses

- HST 1100 - Introduction to American History Before 1877 **(4)**
- HST 1200 - Introduction to American History Since 1877 **(4)**

2. At least 8 credits of history courses numbered 3000 or above

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Additional information

- In addition to the 24 credits in history courses, SED 4100 - ST: Teaching Secondary in the Minor Methods **(4)** is required.
- Generally, application to OU STEP requires a minimum cumulative grade point average of 3.0 in courses in the major and the minor. To progress into the internship year, students admitted to the OU STEP must maintain a minimum GPA of 3.00 in both their major and minor coursework, with no single course grade below 2.0.
- At least 12 credits in history courses must be taken at Oakland.

- Second undergraduate degree candidates completing the minor may be required to take additional courses at Oakland University beyond the state minimums.
- Students must consult with the secondary education minor adviser in the Department of History.

History, B.A.

Requirements for the liberal arts major in history, B.A. program

The major in history requires a minimum of 44 credits in history courses. There is an appropriate writing component in history courses at all levels. Only courses in which the student has earned a grade of at least 2.0 may be counted toward the history major. Students must complete the following requirements:

1. At least 8 credits numbered under 3000

2. At least 28 credits numbered 3000 or above including

- HST 3000 - Seminar in Historical Research (4)
- One course in American history
- One course in European history
- One course in African, Asian, Middle Eastern, or Latin American history

3. One senior capstone course chosen from

- HST 4970 - Capstone Seminar in Cross-Cultural History (4)
- HST 4972 - Capstone Seminar in European History (4)
- HST 4975 - Capstone Seminar in World Civilization (4)
- HST 4978 - Capstone Seminar in American History (4)

4. No more than 12 credits in independent study (HST 3920 and HST 4995) may be counted toward the major.

5. At least 20 credits in history courses must be taken at Oakland.

Note

Students using this catalog to meet history major requirements may also use any course subsequently approved as satisfying requirements under the American; European; African, Asian or Latin American history; and capstone categories and published in a later catalog.

Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts & Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

History, STEP

Secondary Teacher Education Program (STEP): History

The Secondary Teacher Education Program (STEP) at Oakland University is an extended program of study leading to certification. Generally, eligibility for admission to the STEP requires a GPA of 3.00 in both the major and minor, and an overall GPA of 2.80. No single major or minor course grade may be below 2.0. Since admission to this program is highly competitive, it is anticipated that successful applicants will have a GPA in history courses of at least 3.40 (including both OU and transfer credits). Second undergraduate major or degree candidates completing a major and/or minor may be required to complete additional coursework at Oakland University beyond the stated minimums. In any case, all history students interested in STEP: History should consult early and often with the history department's undergraduate adviser. Students in this program must complete the requirements for a B.A. degree in the College of Arts and Sciences and concurrently fulfill the requirements listed below:

1. A minimum of 44 credits including

- HST 1300 - Introduction to European History Before 1715 **(4)**
- HST 1400 - Introduction to European History Since 1715 **(4)**
- HST 1100 - Introduction to American History Before 1877 **(4)**
- HST 1200 - Introduction to American History Since 1877 **(4)**

2. At least 28 credits must be numbered 3000 or above and must include

- HST 3000 - Seminar in Historical Research **(4)** *(must be completed with a minimum grade of 3.0)*
- One course in American history
- One course in European history
- One course in African, Asian, Middle Eastern, or Latin American history

3. One senior capstone course chosen from

- HST 4970 - Capstone Seminar in Cross-Cultural History **(4)**
- HST 4972 - Capstone Seminar in European History **(4)**
- HST 4975 - Capstone Seminar in World Civilization **(4)**
- HST 4978 - Capstone Seminar in American History **(4)**
- *Capstone course must be completed with a minimum grade of 3.0.*

4. No more than 12 credits in independent study (HST 391 and HST 4995) may be counted toward the major.

5. At least 20 credits in history courses must be taken at Oakland.

Also required

A program in STEP must also include a Social Studies (RX) endorsement or a 20-28 hour secondary teaching minor. Also required for either the endorsement or the teaching minor is a sequence of undergraduate course work in education to include SED 3000 (must be completed prior to STEP application), RDG 4238, DLL 4197, FE 3010, and SED 4100 (must be completed prior to the final internship semester). Extended study including SE 4401, SED 4200 and SED 4952 is also required. Further details on program and admission requirements and procedures can be found in the School of

Education and Human Services portion of the catalog and by consulting advisers in the Department of History and the School of Education and Human Services advising office, 363 Pawley Hall, (248) 370-4182.

Secondary Teacher Education Program (STEP): Endorsement in Social Studies (Inactive)

Students who are earning a STEP: History major are eligible to also complete the requirements for a social studies (RX) endorsement. Only students who have completed the requirements for a history major may be certified by Oakland University to teach social studies at the secondary level. Generally, a cumulative grade point average of 3.00 is required in the endorsement, with no single grade below 2.0. At least 20 credits must be taken at Oakland. Students interested in the social studies endorsement should consult early and often with the history department's undergraduate adviser. In addition to completing the requirements for a history STEP major, students must complete the following:

1. Two approved history courses in two different regions of the following areas

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Asia, Latin America or Middle East and Africa *(see adviser for options and availability)*

2. Two of the following IS courses

- IS 2100 - Perspectives on China **(4)**
- IS 2200 - Perspectives on Japan **(4)**
- IS 2300 - Perspectives on Africa **(4)**
- IS 2400 - Perspectives on India **(4)**
- IS 2500 - Perspectives on Latin America **(4)**
- IS 2600 - Perspectives on Russia and Eastern Europe **(4)**
- IS 2700 - Perspectives on the Middle East **(4)**

3. Required course

- PS 1100 - Introduction to American Politics **(4)**

4. Required course

- PS 1600 - Issues in World Politics **(4)** or PS 1400 - Comparative Politics (4)

5. Required course chosen from

- PS 3130 - Local Government and Politics **(4)**
- PS 3135 - State Politics **(4)**
- PS 3140 - Michigan Government Politics and Policy **(4)**

6. Required course chosen from

- PS 3105 - Congress and the Legislative Process **(4)**
- PS 3110 - American Presidency **(4)**
- PS 3115 - The Judicial Process **(4)**
- PS 3155 - Political Parties and Interest Groups **(4)**

7. Required course

- PS 3310 - American Public Policy **(4)**

8. Required course

- HST 3210 - History of American Foreign Relations in the Twentieth Century **(4)** or PS 3610 - United States Foreign Policy **(4)**

9. Required courses

- ECN 2000 - Principles of Macroeconomics **(4)** or ECN 2020 - Principles of Global Macroeconomics **(4)**
- ECN 2010 - Principles of Microeconomics **(4)**

10. Required course

- GEO 2000 - Global Human Systems **(4)**

11. Required course

- HST 2010 - World History **(4)**

Course Descriptions

The department offers selected courses from this catalog as warranted by student needs and availability of faculty. Specific offerings for each term may be found in the Schedule of Classes.

Course prerequisites
Introductory and survey courses (HST 1300-2999) have no prerequisites. More advanced courses (HST 3000-3999) have a general prerequisite of writing proficiency (e.g., WRT 1060) plus any special requirements listed within the course descriptions. The most advanced research courses at the undergraduate level (HST 4000-4999) have a general requirement of 20 credits in history plus any special requirements listed within the course descriptions.

HST 1100 - Introduction to American History Before 1877 (4)
Surveys American history from colonial times through the Reconstruction era, focusing upon the formation of the United States and the forces promoting unity and division in the new nation. *Satisfies the university general education requirement in the western civilization knowledge exploration area. Satisfies the university general education requirement in U.S. diversity. (Formerly HST 114)*

HST 1200 - Introduction to American History Since 1877 (4)
Surveys American history from Reconstruction to the present, emphasizing the emergence of the United States as an industrial-urban nation with global interests. *Satisfies the university general education requirement in the western civilization knowledge exploration area. Satisfies the university general education requirement in U.S. diversity. (Formerly HST 115)*

HST 1300 - Introduction to European History Before 1715 (4)
Surveys the history of Europe from the ancient period through the Middle Ages, Renaissance, Reformation and the Early Modern periods. *Satisfies the university general education requirement in the western civilization knowledge exploration area. (Formerly HST 101)*

HST 1400 - Introduction to European History Since 1715 (4)
Surveys the history of Europe from the Enlightenment to the present. *Satisfies the university general education requirement in the western civilization knowledge exploration area. (Formerly HST 102)*

HST 2010 - World History (4)
Surveys major trends in world history 3000 BCE to the present, including technological, economic, and political transformations. *Satisfies the university general education requirement in the global perspective knowledge exploration area. (Formerly HST 205)*

HST 2020 - Piracy in the Atlantic World, 1500-1831 (4)
Examines popular images of pirates and piracy in the light of historical sources and historians' analyses. Investigates the social, political, religious, and economic motivations for piracy and its role in the development of the Atlantic world. (Formerly HST 229)

HST 2105 - The History of Michigan (4)
Explores Michigan history from the pre-colonial era through the late 1900s, with emphasis on political, economic, environmental, and social themes. Includes Michigan's place in the history of European colonization and early American settlement. Material is grounded in a broader narrative of American and world history. (Formerly HST 201)

HST 2280 - History of the African-American People (4)
Surveys the African-American experience from the African background through the Civil War and post-Civil War periods to the present. *Satisfies the university general education requirement in the Western civilization knowledge exploration area. Satisfies the university general education requirement in U.S. diversity. (Formerly HST 292)*

HST 2380 - Science and Technology in Western Culture (4)
A survey of the development of science from antiquity to the present with reference to its technological consequences and influence upon society. *Satisfies the university general education requirement in the western civilization knowledge exploration area. (Formerly HST 210)*

HST 2500 - Introduction to Middle East History (4)
Introduction to the history of the Middle East from the rise of Islam to the recent past, surveying major themes in religious, political, and social history as well as historiographical issues. *Satisfies the university general education requirement in the global perspective knowledge exploration area. (Formerly HST 275)*
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 2600 - Introduction to Latin American History to 1825 (4)
Survey of pre-Colombian and colonial Latin America to 1825, stressing the hybridization of the society, its socio-economic institutions, the influence of religious and then Enlightenment thought and the coming of political independence. (Formerly HST 261)

HST 2602 - Introduction to Latin American History since 1825 (4)
Surveys the national period of Latin America from 1825 to the present, emphasizing the role of race in national identities, the problems of nation-building and modernization, the emergence of nationalism and militarism, and the roots of social revolutionary ferment. (Formerly HST 262)

HST 2910 - Study Abroad (4)
For majors and non-majors. Topics will vary from year to year depending on the location. May be repeated once for additional credit. (Formerly HST 298)
Prerequisite(s): permission of the department chair.

HST 3000 - Seminar in Historical Research (4)
The development of critical judgment regarding the nature and use of historical evidence: historiographical readings, library investigation into specific topics within a general historical subject, a research paper and a presentation of the paper to the seminar. *Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly HST 300)*
Prerequisite(s): one history course and history major or permission of instructor.

HST 3010 - Historical Thinking and Writing (4)
The process of historical thinking and the building of historical arguments with evidence. Development of writing and revising skills for the discipline of history. Emphasizes short weekly writing and peer-editing assignments. Area of historical focus varies by instructor.
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 3105 - North American Borderlands (4)
The history and evolution of the North American borderlands and the creation of the United States west from colonial times to the present. Includes contact and conflict among Native Americans, Spanish, French, British, and Americans. (Formerly HST 307)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 3110 - History of the North American Colonies (4)
Traces the development of Spanish, French, Dutch, and English colonies in North America from 1492 to 1763. Reviews their social, political, and religious dimensions. Attention given to roles of Africans and non-elite European and Euro-American men and women. (Formerly HST 306)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 3120 - The American Revolution (4)
Considers the broad social and political movements leading to the Revolution as well as the many different meanings and interpretations of the event, and the immediate and long-term effects of legacies of the Revolution. (Formerly HST 308)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 3125 - The U.S. Early National Period, 1787-1815 (4)
Examines the political and social development of the new nation from the constitution through the end of the War of 1812. (Formerly HST 309)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher

HST 3130 - Jacksonian America (4)
Examines the chief political, social, cultural, economic, and religious developments from the War of 1812 to the end of the Mexican War. (Formerly HST 310)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 3135 - The Development of Political Practices in Early America (4)
The development of politics and political culture in the U.S. from the Colonial period through the Age of Jackson. Emphasis will be placed on defining, recognizing and understanding political culture, and the variations in political development and practices by region and social class.(Formerly HST 311)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 3140 - History of the American South (4)
The South from colonial times to the 1960s, emphasizing the transition from the agrarian, slave South of the antebellum period to the modern South of the 20th century. *Satisfies the university general education requirement in U.S. diversity. (Formerly HST 319)*
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 3145 - The Civil War and Reconstruction, 1850-1876 (4)
The origins of secession, the wartime problems of the Union and the Confederacy, the principal military campaigns, the Reconstruction era and the creation of a new union, and the significance of the Civil War and Reconstruction in American history. (Formerly HST 312)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 3200 - American History, 1876-1900 (4)
The New South, industrial consolidation, the origins of the modern labor movement, the rise of the city, immigration, agrarian protest movements, the businessman's philosophy and the challenge to laissez-faire. (Formerly HST 313)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 3202 - American History, 1900-1928 (4)
Social, political and economic developments in the U.S. during the progressive era and the decade of the 1920s. (Formerly HST 314)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 3204 - American History, 1928-1945 (4)
A history of the Great Depression and World War II. Topics will include the One Hundred Days, the foundation of the modern welfare state, the foundation of the modern civil rights movement, the reorganization of American corporate enterprise and the role of the United States in international peacekeeping. (Formerly HST 315)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 3206 - Cold War America, 1945-1990 (4)
The origins of the Cold War, its impact on American foreign relations and domestic politics, its decline and demise. (Formerly HST 320)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher

HST 3210 - History of American Foreign Relations in the Twentieth Century (4)
American foreign policy and diplomacy from the Spanish-American War to the present, including American imperialism, Caribbean and Far Eastern policies, involvement in the world wars and the Cold War, and nuclear diplomacy. (Formerly HST 321)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 3220 - History of the American Industrial Economy and Society (4)
The development of the American industrial system and its impact on business organization, labor, government and the international economy. (Formerly HST 304)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 3225 - History of American Mass Media (4)
The establishment and growth of mass communication in the United States, focusing on the development of print, film, radio and television and their impact on society and popular culture.(Formerly HST 305)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 3230 - American Labor History (4)
The economic, social and political history of the American work force with emphasis on the history of organized labor. (Formerly HST 302)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 3235 - Working Detroit (4)
Explores the history of 20th-century Detroit from the perspectives of its workers and unions. Key themes include immigration and ethnic diversity, the rise of mass production, the union movement, race relations, gender and the labor force, the postwar boom, and de-industrialization.(Formerly HST 392)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 3240 - Introduction to Public History (4)
Through readings, field trips, and guest lectures, introduces students to the variety of careers in public history, including working in museums, archives, documentary film, libraries, digital history, primary and secondary education, historical sites and parks. (Formerly HST 397)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 3250 - Oral History (4)
Explores the complexities of a methodology widely used in historical research: interviewing people to learn about the past. Students will design their own oral history projects and conduct their own interviews. (Formerly HST 393)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 3265 - Women in Modern America (4)
An analysis of the role of women in industrial America which will examine the legal role of women, their presence in the labor force, and their participation in the political system. Identical with WGS 322 or WGS 3880. *Satisfies the university general education requirement in U.S. diversity. (Formerly HST 322)*
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 3270 - History of American Cities (4)
History of American cities from pre-industrial America to the present, emphasizing the effect of such forces as industrialization, immigration, migration, trade, economic patterns and transportation upon city organization and life. (Formerly HST 301)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent.

HST 3275 - History of American Families (4)
History of American families as social institutions, emphasizing the impact of historical events and trends upon family composition, family functions and family life. Includes research in the student's personal family history. Identical with (WGS 361 or WGS 3821). *Satisfies the university general education requirement in U.S. diversity. (Formerly HST 361)*
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 3280 - The Civil Rights Movement in America (4)
Surveys the system of racial segregation and discrimination established in the 19th century and the contribution of 20th century civil rights organizations to fight racial discrimination. World War II and the mass action movements of the 1950s and the 1960s will receive significant attention. *Satisfies the university general education requirement in U.S. diversity. (Formerly HST 318)*
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 3285 - History of African-American Women (4)
Covers the collective and individual experiences of African-American women from slavery to the present, including the quality of family life, economic roles, and their activities in women's civil rights and political organizations. *Satisfies the university general education requirement in U.S. diversity. Identical with (WGS 362 or WGS 3822). (Formerly HST 362)*
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 3288 - Topics in African American History (4)
The economic, social and political activities, status, organizations and institutions of African-American people, emphasizing the twentieth century. (Formerly HST 323)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 3290 - History of Religions in the U.S. (4)
Examines the evolution of American religions from pre-contact times to the present, with an emphasis on immigration, church-state separation, diversity, and pluralism. (Formerly HST 303)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 3295 - Religion, Politics and American Culture (4)
Provides an historical analysis of the intersection of religion and American politics. Examines the connections between faith and political activism. Focusing on the period since the Civil War, it will emphasize controversies over the separation of church and state, religiously oriented social reform, and the rise of the religious right. (Formerly HST 382)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 3310 - Ancient Greece and Rome (4)
Provides an historic overview of the various intellectual, political, and cultural legacies of ancient Greece and Rome from the Homeric period to the collapse of the Roman Empire. (Formerly HST 431)
Prerequisite(s): (HST 101 or HST 1300) and (WRT 160 or WRT 1060) with a grade of 2.0 or higher.

HST 3315 - Science and Medicine in the Ancient World (4)
Theories about nature, health, disease, and technology in the Greek and Roman world from 500 BC to 300 AD. Science and medicine are considered in relation to Greek and Roman politics, cultural ideals, and social structures. *Satisfies the university general education requirement for a writing intensive course in general education. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly HST 331)*
Prerequisite(s): (WRT 160 or WRT 1060) with a grade of 2.0 or higher.

HST 3320 - Medieval Europe (4)
The European Middle Ages from about A.D. 400 to 1300, with special emphasis on intellectual developments. (Formerly HST 325)
Prerequisite(s): (HST 101 or HST 1300) recommended; (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 3322 - The Middle Ages, 1100-1500 (4)
Considers the period of the High and Late Middle Ages, roughly from the eleventh century through the fall of Constantinople in the mid-fifteenth. Provides an introduction to the main people and cultures, ideas and institutions of the Middle Ages, and the techniques used by medieval historians to interpret sources. (Formerly HST 369)
Prerequisite(s): (WRT 160 or WRT 1060) equivalent with a grade of 2.0 or higher.

HST 3325 - The Crusades (4)
Considers the crusades in their historical and religious context and the ways in which the crusading movement influenced cultural development across Europe and the East. Provides an understanding of what the crusades were, what they were not, and why they continue to fascinate the modern world. (Formerly HST 368)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 3327 - Medieval Noble Culture (4)
Surveys the world of the medieval nobility in the Central Middle Ages, c. 1000-1250. Topics include the rise of the knightly class, the role of castles, the function of blood feuds and vengeance, the importance of women and family to the nobility, and the way nobles connected to the crusades.(Formerly HST 378)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 3330 - Ireland, Prehistory to 1691 (4)
Ireland from its prehistory until the Battle of the Boyne emphasizing the development of indigenous Irish culture and institutions. Topics include the Celts and Gaelic society, early Irish Christianity, the Vikings, Anglo-Norman intervention, Gaelic resurgence and the Geraldines, the Tudor conquest, Ulster plantation and Jacobite resistance. (Formerly HST 337)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 3335 - England, 1066-1485 (4)
Emphasizes the history of England between the Conquest and the Tudors, including cultural and social trends as well as political and dynastic developments and conflicts, domestic and foreign.(Formerly HST 330)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher. (HST 101 or HST 1300) recommended.

HST 3340 - The Italian Renaissance (4)
The European Renaissance period, with emphasis on the Italian experience. *Satisfies the university general education requirement for a writing intensive course in general education. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly HST 326)*
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 3345 - The Reformation (4)
European humanism, with emphasis on the Lowlands, France and Germany; the background, development and impact of the Protestant Reformation. (Formerly HST 327)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 3350 - The Scientific Revolution (4)
Examines major changes in theories about nature and medicine during years 1500-1700, including development of new methods and social settings for scientific inquiry that eventually led to the rise of modern science. No prior knowledge of science or higher mathematics is required. *Satisfies the university general education requirement for a writing intensive course in general education. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly HST 346)*
Prerequisite(s): (WRT 160 or WRT 1060)

HST 3355 - Occult Sciences and Witchcraft in Early Modern Europe (4)
Examines the occult sciences (alchemy, astrology and natural magic) and witchcraft in Europe during the 16th and 17th centuries. Focuses on why people believed witchcraft and occult sciences were valid. Also examines the links between occult sciences and the eventual development of the scientific revolution. (Formerly HST 332)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 3360 - Society and Culture in Early Modern Europe (4)
The lives of common men and women in early modern Europe. Topics include family and work, sexuality and gender, religion and folklore, riots and rebellion, printing and literacy. (Formerly HST 342)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 3365 - Women in Early Modern Europe, 1500-1789 (4)
Assesses women's contributions to the changes and events of early modern Europe, examines women in the private and public spheres, and explores the dynamic of gender in studying the impact of women on politics, the economy, literacy and culture, and religious practices and beliefs. Identical with (WGS 339 or WGS 3816). (Formerly HST 339)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 3370 - Europe in the Seventeenth Century (4)
A comparative analysis of European societies: the articulation of absolutism and constitutionalism, the emergence of the European states system, the origins and impact of modern science, the culture of the baroque and the development of commercial capitalism. (Formerly HST 329)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 3375 - Europe in the Eighteenth Century (4)
A comparative analysis of European societies: the old regime in Europe, beginnings of industrial development, the Enlightenment as a political and social movement, reform under the monarchy and the emergence of democratic ideologies, and the French Revolution. (Formerly HST 348)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 3390 - Early Modern France (4)
History of early Modern France (1550s-1750) including the wars of religion, reigns of Henri IV, Louis XIII and Louis XIV, and the Enlightenment. (Formerly HST 349)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 3395 - French Revolution (4)
Survey of the revolutionary era in France beginning with the reign of Louis XVI (1774) and ending with the Battle of Waterloo (1815). Examines the origins, development and impact of the French Revolution with an emphasis on topics in political and cultural history. (Formerly HST 447)
Prerequisite(s): (HST 101 or HST 1300) or (HST 102 or HST 1400). (WRT 160 or WRT 1060) with a grade of 2.0 or higher.

HST 3400 - Europe since 1914 (4)
An analysis of Europe in world perspective since World War I. (Formerly HST 341)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 3405 - Nationalism in Modern Europe (4)
Origins and development of nationalism in Europe from the eighteenth through the twentieth century. Political formation of European nation-states, the varied cultural manifestations of nationalism and the reawakening of European nationalism in the aftermath of the Cold War.(Formerly HST 352)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 3410 - European Thought and Ideology from the French Revolution to the Present (4)
Examines the history of ideas and intellectual life in the history of Modern Europe. Topics include the development of revolutionary culture and ideas, Romanticism, secularization and religion, realism/ naturalism, liberalism, conservatism, socialism/communism, the "new right" and fascism, modern scientific thought, the Holocaust, existentialism, post-modernism, and nationalism.(Formerly HST 351)
Prerequisite(s): (HST 102 or HST 1400) or equivalent or permission of instructor. (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 3420 - Ireland, 1691 to the Present (4)
Modern Ireland from the Williamite wars to contemporary Ireland. Emphasis on the question of Irish national identity. Topics include colonial Ireland, revolution and the union, Catholic emancipation, the Great Famine, nationalism and republicanism, 1916, forging the new state and society and the North. (Formerly HST 338)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 3425 - Scotland: 1689 to Present (4)
History of the Scottish nation from the revolution of 1689 to the present. Special attention will be given to the interaction of cultural, political and social developments, and the emergence of a self-conscious separate national identity. (Formerly HST 340)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 3430 - Britain, 1815-1911 (4)
A consideration of the political, cultural, social and intellectual life of the British peoples from the passage of the Corn Laws to the Parliament Act of 1911. (Formerly HST 334)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 3435 - Britain, 1911 to Present (4)
An analysis of British political, cultural and social history from the eve of World War I to the present. (Formerly HST 335)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 3450 - Modern Italy: National Unification and the 20th Century (4)
An examination, stressing political and institutional history, of early efforts to create Italian national unity, the means by which Italy was held together following unification of 1861, and the fate of the Republic from 1946 onward. (Formerly HST 344)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 3480 - Germany since 1740 (4)
German politics, society and diplomacy from Frederick the Great to the present. (Formerly HST 343)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 3485 - Nazi Germany: Society, Politics and Culture (4)
Introduction to the Nazi regime in Germany. Special attention given to the origins and early years of the Nazi movement, as well as to the nature of German society, politics and culture during the Third Reich. (Formerly HST 353)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 3490 - History of Modern Russia (4)
The historical development of Russia from its roots to the present. Special emphasis will be placed on events after World War II and the perestroika.(Formerly HST 354)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 3495 - Eastern European History (4)
The historical development of the peoples and states of Eastern Europe and the Balkans from the Middle Ages to the present will be examined in broad outline. (Formerly HST 355)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 3500 - Islamic Empires, 600 - 1600 (4)
Explores the rise and expansion of Islamic empires from the Prophet Muhammad to the gunpowder empires. Themes include Islamic conquests, jihad, caliphates, sharia', women, and non-Muslims. (Formerly HST 379)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 3510 - The Modern Middle East (4)
Covers the major themes in Middle East history since 1800 including Orientalism, imperialism, nationalism, liberal movements, gender relations, and the emergence of the Islamic movements.(Formerly HST 356)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 3520 - The Cold War in the Middle East (4)
Examines conflict and peace making in the Middle East in the context of the Cold War, especially decolonization, nationalism, and revolution as these issues were affected by U.S. - Soviet rivalry.(Formerly HST 358)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 3540 - The Arab-Israeli Conflict (4)
Examines the origins and development of the Arab-Israeli conflict, the emergence of a peace process, and the collapse of that process, focusing primarily on the development of Israeli and Palestinian political identities and institutions. (Formerly HST 357)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 3550 - Modern Iran and Iraq (4)
Examines the historical relationship between Iran and Iraq, with special attention to the period since 1800. Cultural similarities such as religion and ethnicity will be highlighted as dimensions, which complicate political relationships across time. Students will develop an historical understanding of the basic themes of political identity, imperialism, and development. (Formerly HST 359)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 3660 - History of Argentina, Brazil, and Chile (4)
The political, social, and cultural history of Argentina, Brazil, and Chile from the 19th century to the present, including Indian warfare and slavery; immigration, industrialization and nationalism; dictatorship and transition to democracy; race, soccer, and carnival. (Formerly HST 363)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 3665 - Indigenous Movements in Latin America, 1492-Present (4)
Military and social movements by indigenous people in Latin America from the conquest to the present. (Formerly HST 395)
Prerequisite(s): (WRT 160 or WRT 1060) with a grade of 2.0 or higher.

HST 3670 - Latin American Revolutions (4)
Comparative approach to revolutionary movements in Latin America, including their origins and their effects on society, culture, national politics, and international relations. (Formerly HST 394)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 3675 - Slavery and Race in Latin America (4)
Comparative approach to the study of slavery in Latin America and the Caribbean and ideas about race in these areas. (Formerly HST 366)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 3710 - Ancient and "Medieval" African Civilizations (4)
Explores the history of Africa's ancient civilizations-- Egypt, Nubia, Aksum-- and regional development in northern, western, and eastern Africa to 1500 C.E. Topics include migration and settlement, agriculture, technology and ideology, the spread and impact of world religions, trade, and the exchange of ideas. (Formerly HST 385)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 3715 - African Cultural History (4)
Examines the evolution of African societies and politics between 1500 and 1850 in the context of global antecedents and regional configuration of power and resources. Special emphasis will be given to slavery and the slave trade. (Formerly HST 388)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 3720 - Modern African History Since 1800 (4)
Political, social and economic history of Africa in the 19th and 20th centuries including Islam's place in the building of empire-states in West Africa, versions of modernity, European colonization and African responses, and the African experience in state-building in the post- colonial era.(Formerly HST 386)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 3730 - Postcolonial Conflicts in African History (4)
Using postcoloniality as an organizing theme, surveys large scale conflicts in contemporary African history. Includes a discussion of origins, causes and broader contextualization of post World War II Africa. (Formerly HST 383)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 3740 - African Environmental History (4)
Examines the evolution of African environmental and ecological systems with an emphasis on climate change, hydrology, and human/environmental interaction, and the role of colonialism and economic development in environmental change. Identical with (ENV 389 or ENV 3890). (Formerly HST 389)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 3810 - China's Last Dynasty: The Qing, 1644-1911 (4)
History of China's last great dynasty from its founding by the Manchus in 1644 through its powerful early emperors to its final collapse in 1911. Course includes discussion of traditional Chinese culture and institutions, territorial expansion, the Opium Wars and the 19th century revolutionary movement. (Formerly HST 373)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 3815 - China in Revolution, 1911-1949 (4)
China's 20th century revolutionary experience, focusing on the 1911, 1928 and 1949 revolutions. Topics include the struggle between China's two revolutionary parties, the Nationalists and Communists; social change under the Republic; World War II in Asia; and the civil war that brought the Chinese Communist Party to power in 1949. (Formerly HST 374)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 3820 - China Since 1949 (4)
History of China from 1949 to the present, focusing on major policies and personalities of the Maoist period (1949-1976) and on the dramatic social and economic changes which have occurred since 1976. (Formerly HST 376)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 3825 - China and Inner Asia (4)
China's historical relations with Inner Asia: Chinese policy toward steppe empires north of the Great Wall including nomadic Xiongnu, Turks, early Tibetans, and Mongolians. Emergence of modern Inner Asian peoples such as the Uyghurs, Kazaks, and Manchus, and the role of Inner Asia in shaping modern China. (Formerly HST 377)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 3830 - Women in China: Past and Present (4)
Women's changing position in modern China: their status in traditional Chinese society, contributions to modernization in China during the revolutionary period (1912-1949), and struggle for equality since 1949. Identical with (WGS 375 or WGS 3825). (Formerly HST 375) Prerequisite(s) (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 3870 - Origins of Modern Japan, 1568-1912 (4)
Japan from the "late feudalism" of the Tokugawa period through the first phase of Western-style modernization in the Meiji period. Themes include the perfection and decay of the samurai state, the Meiji revolution, nationalism, imperialism and movements for social and political democracy.(Formerly HST 370)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 3875 - Twentieth-Century Japan (4)
Japan since the Meiji period: the Taisho democracy movement, the changing position of women, fascism and militarism, total war, the American occupation and the rise to economic superpower status. (Formerly HST 371)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 3900 - Selected Topics in Cross-Cultural History (4)
For majors and non-majors. Topics in cross-cultural history vary from year to year. May be repeated for additional credit under different subtitle. (Formerly HST 390)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 3903 - Selected Topics in European History (4)
For majors and non-majors. Topics in European history vary from year to year. May be repeated for additional credit under different subtitle.
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 3906 - Selected Topics in World History (4)
For majors and non-majors. Topics in world history vary from year to year. May be repeated for additional credit under different subtitle.
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 3909 - Selected Topics in American History (4)
For majors and non-majors. Topics in American history vary from year to year. May be repeated for additional credit under different subtitle.
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 3910 - Study Abroad (4)
For majors and non-majors. Topics will vary from year to year, depending on the location. May be repeated once for additional credit. (Formerly HST 398).
Prerequisite(s): permission of department chair.

HST 3920 - Directed Readings in History (2 TO 8)
Independent but directed readings for juniors and seniors interested in fields of history in which advanced courses are not available. Offered each semester. (Formerly HST 391)
Prerequisite(s): permission of instructor.

HST 3930 - Field Experience: Public History (4)
Field experience in history, with faculty supervision that incorporates student performance in an occupational setting. May not be repeated for credit. (Formerly HST 399)
Prerequisite(s): junior/senior standing; 24 credits in history, of which at least 8 must be at the 3000-4000 level; completion of (HST 300 or HST 3000) with a 3.3 or better.

HST 4110 - Native America to 1840 (4)
Study of the major trends within the histories of Native Americans from pre-Contact to the Removal Era. An emphasis will be placed upon the diversity of American Indian civilizations.(Formerly HST 406)
Prerequisite(s): (HST 114 or HST 1100) and (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

HST 4115 - Native America since 1840 (4)
Major trends within the histories of Native Americans since the Removal Era. The Plains Wars, reservation policies, termination, and twentieth-century American Indian legal and social issues will be covered. (Formerly HST 407)
Prerequisite(s): (WRT 160 or WRT 1060) with a grade of 2.0 or higher.

HST 4250 - The U.S. and the War in Vietnam (4)
Examination of the war in Vietnam as a case study in American diplomatic history. Primary focus will be on the Johnson and Nixon administrations, although the war will be viewed in a much larger historical context. (Formerly HST 424)
Prerequisite(s): (HST 115 or HST 1200) or (HST 320 or HST 3206) or (HST 321 or HST 3210)and (WRT 160 or WRT 1060) with a grade of 2.0 or higher.

HST 4970 - Capstone Seminar in Cross-Cultural History (4)
In this capstone course students investigate topics in cross-cultural history in a seminar setting. Under the guidance of the faculty leader substantive issues, research techniques and historiographical problems will be considered as the student prepares a research paper to be submitted at the conclusion of the course. Topics vary. *Satisfies the university general education requirement for the capstone experience. (Formerly HST 494)*
Prerequisite(s): senior standing or permission of instructor, (HST 300 or HST 3000)

HST 4972 - Capstone Seminar in European History (4)
In this capstone course students investigate topics in European history in a seminar setting. Under the guidance of the faculty leader, substantive issues, research techniques and historiographical problems will be considered as the student prepares a research paper to be submitted at the conclusion of the course. Topics vary. *Satisfies the university general education requirement for the capstone experience. (Formerly HST 495)*
Prerequisite(s): senior standing or permission of instructor, (HST 300 or HST 3000)

HST 4975 - Capstone Seminar in World Civilization (4)
In this capstone course students investigate topics in world civilizations in a seminar setting. Under the guidance of the faculty leader, substantive issues, research techniques and historiographical problems will be considered as the student prepares a research paper to be submitted at the conclusion of the course. Topics vary. *Satisfies the university general education requirement for the capstone experience. (Formerly HST 496)*
Prerequisite(s): senior standing or permission of instructor, (HST 300 or HST 3000)

HST 4978 - Capstone Seminar in American History (4)
In this capstone course students investigate topics in American history in a seminar setting. Under the guidance of the faculty leader, substantive issues, research techniques and historiographical problems will be considered as the student prepares a research paper to be submitted at the conclusion of the course. Topics vary. *Satisfies the university general education requirement for the capstone experience. (Formerly HST 497)*
Prerequisite(s): senior standing or permission of instructor, (HST 300 or HST 3000)

HST 4995 - Directed Research in History (4 TO 12)
Directed individual research for advanced history majors. Offered each semester.(Formerly HST 491)
Prerequisite(s): permission of instructor and (HST 300 or HST 3000)

International Studies Program

217 Varner Hall (248) 370-2154
Fax: (248) 370-4280

Program Website

Director: *Paul Kubicek (Political Science)*

International Studies Faculty:

Africa and African-American Studies: *Getnet Bekele (History), DeWitt Dykes (History), Matthew Fails (Political Science), Mark Stone (Music, Theatre and Dance).*

Chinese Studies*: Hsiang-Hua (Melanie) Chang (Chinese), Alan Epstein (Political Science), Yan Li (History)*

Japanese Studies*: Stephen Filler (Japanese), Seigo Nakao (Japanese)*

Latin American Studies: *Henri Gooren (Anthropology), Emmett Lombard (Political Science), Diana Orces (Political Science), Aldona Pobutsky (Spanish), Cecilia Saenz-Roby (Spanish), Elizabeth Shesko (History)*

Middle Eastern Studies: *Paul Kubicek (Political Science), Laura K. Landolt (Political Science), Weldon C. Matthews (History)*

Russian and East European Studies*: Cristian Cantir (Political Science), Paul J. Kubicek (Political Science)*

Drawing on faculty from various disciplines, the International Studies Programs offers for general education a variety of interdisciplinary courses that introduce students to the civilizations of seven world areas outside of North America and Western Europe: China, Japan, Africa, India, Latin America, Russia and Eastern Europe and the Middle East. In these courses, students will explore various aspects of these civilizations: art, government, history, language, literature, music, religion and social organization. Also offered are major and minor programs that focus on these world areas. Its major programs include Chinese Studies, Japanese Studies, and Latin American Studies. Its minor programs include African and African-American Studies, Chinese Studies, Japanese Studies, Latin American Studies, Middle Eastern Studies, Russia and Eastern European Studies, and South Asian Studies.

Departmental Honors

Honors are available to outstanding students in the majors. A GPA of 3.60 or higher in courses credited to the major is required. Because basic language courses at the 1000 and 2000 level are not counted toward the total number of credits for the major, such courses may not be figured into the GPA for departmental honors. Qualified students may apply for honors at the start of the semester in which they

will graduate. For more specific information, students should contact the International Studies Program, 521 Varner Hall, (248) 370-2154.

Study Abroad Opportunities

The following are some of the study abroad opportunities offered through the International Studies Program or the Office of International Education. Visit the International Education website for additional information.

Student Exchange Program, Nanzan University, Nagoya, Japan. Two-semester program. One year of Japanese language required. Courses taught in English. Housing with Japanese family. Coordinator: Seigo Nakao, Department of Modern Languages and Literatures, 354 O'Dowd Hall, nakao@oakland.edu, (248) 370-2066.

Japan Center for Michigan Universities, Hikone, Shiga, Japan. Two-semester program. No language proficiency required. Courses taught in English. Housing in Center's dormitory. Coordinator: Seigo Nakao, Department of Modern Languages and Literatures, 354 O'Dowd Hall, nakao@oakland.edu, (248) 370-2066.

Macerata and Siena, Italy, Study Abroad Program. One-semester and two-semester programs. No language proficiency required. Courses taught in English. Housing with Italian family. Contact: International Education, 160 North Foundation Hall, (248) 370-2889.

Segovia, Spain, Study Abroad Program. Fall, winter or summer program. Two years of college-level Spanish required. Courses taught in Spanish. Housing with Spanish family. Contact: International Education, 160 North Foundation Hall, (248) 370-2889.

Student Exchange Program, University of Orléans, Orléans, France. One-semester or two-semester program. Two years of college-level French required. Courses taught in French. Housing prior to start of class and holidays with a French family; otherwise, in university dormitory. Coordinator: Stacey L. Hahn, Department of Modern Languages and Literatures, 350 O'Dowd Hall, (248) 370-2062 or messages at (248) 370-2060. Offered in cooperation with the Department of Modern Languages and Literatures.

Student Exchange Program, University of Oldenburg, Oldenburg, Germany. One-semester or two-semester program. Two years of college-level German required. Courses taught in German. Housing in university dormitory, shared flat with other students, or room in private house near University. Buddy Program with German students. Coordinator: Christopher Clason, Department of Modern Languages and Literatures, 352 O'Dowd Hall, (248) 370-2099.

Chinese Language and Culture Program at the China Foreign Affairs University, Beijing. Intensive 5-week language and culture study offered periodically in May and June. Beginning and intermediate level Chinese language courses taught in Chinese; culture courses taught in English. Culmination of program is a one-week tour of historic sites in Northern and Southern China. Housing in college's international guest house/dormitory on campus. Coordinator: Hsiang-Hua (Melanie) Chang, Department of Modern Languages and Literatures, 368 O'Dowd Hall, (248) 370-4248.

British Studies at Oxford, Oxford University, Oxford, England. One four-week session in July. No foreign language proficiency required. Courses taught in English. Housing in college's private rooms. Coordinator: Brian Connery, Department of English, (248) 370-2254).

For specifics about any of these programs (minimum GPA requirement, if any, course offerings, costs, faculty and other eligibility requirements), the student should contact the individual program coordinator. For additional information about other study abroad opportunities, see the Department of Modern Languages and Literatures.

Programs

- African and African-American Studies Minor
- Chinese Studies Minor
- Chinese Studies, B.A. program
- International Studies Minor
- International Studies, B.A.
- Japanese Studies Minor
- Japanese Studies, B.A.
- Latin American Studies Minor
- Latin American Studies, B.A.
- Middle Eastern Studies Minor
- Russian and East European Studies
- South Asian Studies Minor

African and African-American Studies Minor

Requirements for the liberal arts minor in African and African-American Studies

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A minimum of 20 credits of coursework distributed as follows:

1. Introductory Course

- IS 2300 - Perspectives on Africa **(4)**

2. Plus 16 credits drawn from

- AH 3050 - African Art **(4)**
- AH 3720 - Women in Art **(4)**
- ENG 3520 - African American Literature **(4)**
- HST 3280 - The Civil Rights Movement in America **(4)**
- HST 3288 - Topics in African American History **(4)**
- HST 3285 - History of African-American Women **(4)**
- HST 3675 - Slavery and Race in Latin America **(4)**
- HST 3710 - Ancient and "Medieval" African Civilizations **(4)**
- HST 3715 - African Cultural History **(4)**
- HST 3720 - Modern African History Since 1800 **(4)**
- HST 3730 - Postcolonial Conflicts in African History **(4)**
- HST 3740 - African Environmental History **(4)**
- IS 3970 - Seminar in African-American Studies **(4)**
- IS 3974 - Seminar in African Studies **(4)**
- MUS 1007 - Exploring Jazz **(4)**
- MUS 1010 - Exploring African Music **(4)**
- MUS 1011 - Exploring Caribbean Music **(4)**
- PS 3215 - The Politics of Race and Ethnicity **(4)**
- PS 3410 - African Politics **(4)**
- PS 3550 - Politics of Development **(4)**
- SOC 3610 - Racial and Ethnic Relations **(4)** or AN 3127 - Racial and Ethnic Relations **(4)**
- Language options: French, Spanish or Arabic

Other coursework

Relevant independent study, directed research, or special topics coursework (e.g., IS 3900) may also count toward fulfillment of the minor requirements, subject to international studies academic adviser approval.

Chinese Studies Minor

Requirements for the liberal arts minor in Chinese Studies

A minimum of 20 credits of coursework distributed as follows:

1. Introductory course

- IS 2100 - Perspectives on China **(4)**

2. Plus 16 credits drawn from

- AH 1003 - Arts of Asia and the Islamic World **(4)**
- AH 3020 - Chinese Art **(4)**
- AH 3040 - Buddhist Art **(4)**
- AH 3030 - Chinese Architecture **(4)**
- AN 3250 - Peoples and Cultures of China **(4)**
- HST 3810 - China's Last Dynasty: The Qing, 1644-1911 **(4)**
- HST 3815 - China in Revolution, 1911-1949 **(4)**
- HST 3830 - Women in China: Past and Present **(4)**

- HST 3820 - China Since 1949 **(4)**
- HST 3825 - China and Inner Asia **(4)**
- IS 3971 - Seminar in East Asian Studies **(4)**
- LIT 1000 - Introduction to Asian Literature **(4)**
- PHL 3155 - Philosophies and Religions of Asia **(4)**
- PS 3435 - Chinese Politics and Foreign Policy **(4)**
- PS 3430 - Political Systems of Asia **(4)**
- Language option: Chinese - up to 8 credits of Chinese language study, at any level, may apply

Other coursework

Relevant independent study, directed research, or special topics coursework (e.g., IS 3000) may also count toward fulfillment of the minor requirements, subject to international studies academic adviser approval.

Chinese Studies, B.A. program

Course requirements for the major in Chinese studies include:

The Chinese studies major consists of a minimum of 44 credits, of which 24 credits must be taken in Chinese studies; 12 credits in a complementary area of study; and 8 credits at the 3000-4000 level in an appropriate language. Language courses at the 1000 and 2000 level do not count toward the total number of credits for the major in either the primary or secondary area. The complementary area of study ordinarily consists of the appropriate introductory international course and two additional courses in the area, which may be either international studies courses or departmental courses. IS 4995 , the capstone course, must have a subject matter relevant to Chinese studies in order to count for credit toward the major.

Duplication of course credit in the primary and complementary areas is not permitted. However, majors may apply their courses in international studies to their general education requirements.

1. Core course

- IS 2100 - Perspectives on China **(4)**

2. 16 credits drawn from the following

- AH 1003 - Arts of Asia and the Islamic World **(4)**
- AH 3020 - Chinese Art **(4)**
- AH 3040 - Buddhist Art **(4)**
- AH 3030 - Chinese Architecture **(4)**
- AN 3250 - Peoples and Cultures of China **(4)**
- HST 3810 - China's Last Dynasty: The Qing, 1644-1911 **(4)**
- HST 3815 - China in Revolution, 1911-1949 **(4)**
- HST 3830 - Women in China: Past and Present **(4)**
- HST 3820 - China Since 1949 **(4)**
- HST 3825 - China and Inner Asia **(4)**
- IS 3971 - Seminar in East Asian Studies **(4)**
- LIT 1000 - Introduction to Asian Literature **(4)**
- PHL 3155 - Philosophies and Religions of Asia **(4)**
- PS 3435 - Chinese Politics and Foreign Policy **(4)**
- PS 3430 - Political Systems of Asia **(4)**

3. 12 credits in complementary area - Japanese or South Asian studies

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- IS 2200 - Perspectives on Japan **(4)**
- IS 2400 - Perspectives on India **(4)**
- AH 3010 - Japanese Art **(4)**
- AH 3040 - Buddhist Art **(4)**
- HST 3870 - Origins of Modern Japan, 1568-1912 **(4)**

- HST 3875 - Twentieth-Century Japan **(4)**
- IS 3971 - Seminar in East Asian Studies **(4)**
- LIT 1000 - Introduction to Asian Literature **(4)**
- PHL 3155 - Philosophies and Religions of Asia **(4)**
- PS 3430 - Political Systems of Asia **(4)**
- IS 3200 - Japan Exchange Program I **(16 TO 18)**
- IS 3201 - Japan Exchange Program I **(16 TO 18)**
- IS 3202 - Japan Exchange Program II **(16 TO 18)**
- IS 3203 - Japan Exchange Program II **(16 TO 18)**
- IS 3204 - Japan Program: Shiga I **(4 TO 18)**
- IS 3205 - Japan Program: Shiga I **(4 TO 18)**
- IS 3206 - Japan Program: Shiga II **(4 TO 18)**

4. 4 credits in IS 4995 (Directed Research) focused on the core area

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5. 8 credits in Chinese language at the 3000-4000 level

Other coursework

With the approval of the International Studies Program director or faculty adviser prior to enrollment, students may also use the following courses for major credit provided that the specific course topic to be studied in an given semester is consistent with their chosen major.

- IS 3900 - Special Topics in International Studies **(4)**
- IS 3920 - Directed Readings in International Studies **(2 TO 8)**
- IS 3100 - Global Arts Study Abroad **(4)**
- IS 4995 - Directed Research in International Studies **(2 TO 8)**
- LIT 2905 - Studies in Foreign Film **(4)**
- LIT 3905 - Topics in Foreign Literature **(4)**
- AH 3900 - Special Topics in Art History **(1 TO 4)**

Note

Students using this catalog to meet Chinese studies major requirements may also use any course subsequently approved as satisfying requirements #2 and #3 above and published in a later catalog.

Additional program information

The International Studies Program periodically sponsors summer study tours to China including study at the China Foreign Affairs University in Beijing.

Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts and Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

International Studies Minor

Requirements for the liberal arts minor in international studies

Minors in regional studies consist of a minimum of 20 credits of coursework in a single world area as listed below, distributed as follows:

1. Introductory course in the chosen region of study
2. Sixteen additional credits as indicated for each world area, including up to, but no more than, eight credits of language study appropriate to the chosen area, at any level

Relevant independent study, directed research or special topics course work (e.g., IS 3900) may also count toward fulfillment of the minor requirements, subject to international studies academic adviser approval.

African and African-American studies

- IS 2300 - Perspectives on Africa **(4)**

Plus 16 credits drawn from

- AH 3050 - African Art **(4)**
- AH 3720 - Women in Art **(4)**
- ENG 3520 - African American Literature **(4)**
- HST 3280 - The Civil Rights Movement in America **(4)**
- HST 3288 - Topics in African American History **(4)**
- HST 3285 - History of African-American Women **(4)**
- HST 3675 - Slavery and Race in Latin America **(4)**
- HST 3710 - Ancient and "Medieval" African Civilizations **(4)**
- HST 3715 - African Cultural History **(4)**
- HST 3720 - Modern African History Since 1800 **(4)**
- HST 3730 - Postcolonial Conflicts in African History **(4)**
- HST 3740 - African Environmental History **(4)**
- IS 3970 - Seminar in African-American Studies **(4)**
- IS 3974 - Seminar in African Studies **(4)**
- MUS 1007 - Exploring Jazz **(4)**
- MUS 1010 - Exploring African Music **(4)**
- MUS 1011 - Exploring Caribbean Music **(4)**
- PS 3215 - The Politics of Race and Ethnicity **(4)**
- PS 3410 - African Politics **(4)**
- PS 3550 - Politics of Development **(4)**
- SOC 3610 - Racial and Ethnic Relations **(4)** or AN 3127 - Racial and Ethnic Relations **(4)**
- Language options: French, Spanish or Arabic

Chinese studies

- IS 2100 - Perspectives on China **(4)**

Plus 16 credits drawn from

- AH 1003 - Arts of Asia and the Islamic World **(4)**
- AH 3020 - Chinese Art **(4)**
- AH 3040 - Buddhist Art **(4)**
- AH 3030 - Chinese Architecture **(4)**
- AN 3250 - Peoples and Cultures of China **(4)**
- HST 3810 - China's Last Dynasty: The Qing, 1644-1911 **(4)**
- HST 3815 - China in Revolution, 1911-1949 **(4)**
- HST 3830 - Women in China: Past and Present **(4)**
- HST 3820 - China Since 1949 **(4)**
- HST 3825 - China and Inner Asia **(4)**
- IS 3971 - Seminar in East Asian Studies **(4)**
- LIT 1000 - Introduction to Asian Literature **(4)**
- PHL 3155 - Philosophies and Religions of Asia **(4)**
- PS 3435 - Chinese Politics and Foreign Policy **(4)**
- PS 3430 - Political Systems of Asia **(4)**
- Language option: Chinese

Japanese studies

- IS 2200 - Perspectives on Japan **(4)**

Plus 16 credits drawn from

- AH 1003 - Arts of Asia and the Islamic World **(4)**
- AH 3010 - Japanese Art **(4)**
- AH 3040 - Buddhist Art **(4)**

- HST 3870 - Origins of Modern Japan, 1568-1912 **(4)**
- HST 3875 - Twentieth-Century Japan **(4)**
- IS 3971 - Seminar in East Asian Studies **(4)**
- LIT 1000 - Introduction to Asian Literature **(4)**
- PHL 3155 - Philosophies and Religions of Asia **(4)**
- PS 3430 - Political Systems of Asia **(4)**
- IS 3200 - Japan Exchange Program I **(16 TO 18)** and IS 3201 - Japan Exchange Program I **(16 to 18)**
- IS 3204 - Japan Program: Shiga I **(4 TO 18)** and IS 3205 - Japan Program: Shiga I **(4 to 18)**
- Language option: Japanese

Latin American studies

- IS 2500 - Perspectives on Latin America **(4)**

Plus 16 credits drawn from

- AH 3060 - Pre-Columbian Art **(4)**
- AH 3080 - Latin American Art **(4)**
- AN 3550 - Archaeology of Mesoamerica **(4)**
- AN 3350 - Peoples and Cultures of Mexico and Central America **(4)**
- AN 3360 - Indians of South America **(4)**
- HST 2600 - Introduction to Latin American History to 1825 **(4)**
- HST 2602 - Introduction to Latin American History since 1825 **(4)**
- HST 3660 - History of Argentina, Brazil, and Chile **(4)**
- HST 3665 - Indigenous Movements in Latin America, 1492-Present **(4)**
- HST 3670 - Latin American Revolutions **(4)**
- HST 3675 - Slavery and Race in Latin America **(4)**
- IS 3975 - Seminar in Latin American Studies **(4)**
- MUS 1011 - Exploring Caribbean Music **(4)**
- PS 3405 - Politics of Latin America **(4)**
- Language option: Spanish or transferred course work in Portuguese

- PS 3550 - Politics of Development **(4)**
- PS 3560 - Revolution, Intervention, and Democratization **(4)**

Middle Eastern studies

- IS 2700 - Perspectives on the Middle East **(4)**

Plus 16 credits drawn from

- AH 1003 - Arts of Asia and the Islamic World **(4)**
- AH 3110 - Art of the Ancient Near East **(4)**
- AH 3240 - Islamic Art **(4)**
- HST 3510 - The Modern Middle East **(4)**
- HST 3540 - The Arab-Israeli Conflict **(4)**
- HST 3520 - The Cold War in the Middle East **(4)**
- HST 3550 - Modern Iran and Iraq **(4)**
- LIT 1000 - Introduction to Asian Literature **(4)**
- PS 3415 - Politics of the Middle East and North Africa **(4)**
- REL 1150 - Introduction to Islam **(4)**
- REL 1200 - Introduction to Judaism **(4)**
- REL 3130 - Islam in the Modern World **(4)**
- Language option: Arabic or Hebrew or transferred course work in another Middle Eastern language

Russian and East European Studies

- IS 2600 - Perspectives on Russia and Eastern Europe **(4)**

Plus 16 credits drawn from

- AH 3610 - Russian Art **(4)**
- HST 3490 - History of Modern Russia **(4)**

- HST 3495 - Eastern European History **(4)**
- IS 3973 - Seminar in Russian and Eastern European Studies **(4)**
- PS 3425 - The Russian Political System **(4)**
- Language option: transferred coursework in Russian or any East European language

South Asian studies

- IS 2400 - Perspectives on India **(4)**

Plus 16 credits drawn from

- AH 3040 - Buddhist Art **(4)**
- AH 3240 - Islamic Art **(4)**
- AN 3255 - Peoples and Cultures of India **(4)**
- IS 3972 - Seminar in South Asian Studies **(4)**
- LIT 1000 - Introduction to Asian Literature **(4)**
- PHL 3155 - Philosophies and Religions of Asia **(4)** or REL 3150 - The Philosophies Religions of Asia **(4)**
- REL 1150 - Introduction to Islam **(4)**
- REL 3130 - Islam in the Modern World **(4)**
- PS 3430 - Political Systems of Asia **(4)**
- Language option: transferred coursework in any South Asian language

International Studies, B.A.

Requirements for the liberal arts majors in Chinese studies, Japanese studies, and Latin American studies

The international studies majors consist of a minimum of 44 credits, of which 24 credits must be taken in the primary area (Chinese studies, Japanese studies, Latin American studies); 12 credits in a complementary area of study; and 8 credits at the 3000-4000 level in an appropriate language. Language courses at the 1000 and 2000 level do not count toward the total number of credits for the major in either the primary or secondary area. The complementary area of study ordinarily consists of the appropriate introductory international studies course and two additional courses in the area, which may be either international studies courses or departmental courses. IS 4995 , the capstone course, must have a subject matter relevant to the proper area to count for credit toward the major.

Duplication of course credit in the primary and complementary areas is not permitted. However, majors may apply their courses in international studies to their General Education Requirements.

Chinese Studies, B.A. program

Course requirements for the major in Chinese studies include:

1. Core course

- IS 2100 - Perspectives on China **(4)**

2. 16 credits drawn from the following

- AH 1003 - Arts of Asia and the Islamic World **(4)**
- AH 3020 - Chinese Art **(4)**
- AH 3040 - Buddhist Art **(4)**
- AH 3030 - Chinese Architecture **(4)**
- AN 3250 - Peoples and Cultures of China **(4)**
- HST 3810 - China's Last Dynasty: The Qing, 1644-1911 **(4)**
- HST 3815 - China in Revolution, 1911-1949 **(4)**
- HST 3830 - Women in China: Past and Present **(4)**
- HST 3820 - China Since 1949 **(4)**
- HST 3825 - China and Inner Asia **(4)**
- IS 3971 - Seminar in East Asian Studies **(4)**

- LIT 1000 - Introduction to Asian Literature **(4)**
- PHL 3155 - Philosophies and Religions of Asia **(4)**
- PS 3435 - Chinese Politics and Foreign Policy **(4)**
- PS 3430 - Political Systems of Asia **(4)**

3. 12 credits in complementary area - Japanese or South Asian studies

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- IS 2200 - Perspectives on Japan **(4)**
- IS 2400 - Perspectives on India **(4)**
- AH 3010 - Japanese Art **(4)**
- AH 3040 - Buddhist Art **(4)**
- HST 3870 - Origins of Modern Japan, 1568-1912 **(4)**
- HST 3875 - Twentieth-Century Japan **(4)**
- IS 3971 - Seminar in East Asian Studies **(4)**
- LIT 1000 - Introduction to Asian Literature **(4)**
- PHL 3155 - Philosophies and Religions of Asia **(4)**
- PS 3430 - Political Systems of Asia **(4)**
- IS 3200 - Japan Exchange Program I **(16 TO 18)**
- IS 3201 - Japan Exchange Program I **(16 TO 18)**
- IS 3202 - Japan Exchange Program II **(16 TO 18)**
- IS 3203 - Japan Exchange Program II **(16 TO 18)**
- IS 3204 - Japan Program: Shiga I **(4 TO 18)**
- IS 3205 - Japan Program: Shiga I **(4 TO 18)**
- IS 3206 - Japan Program: Shiga II **(4 TO 18)**

4. 4 credits in IS 4995 (Directed Research), focused on the core area

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5. 8 credits in Chinese language at the 3000-4000 level

Note

Students using this catalog to meet Chinese studies major requirements may also use any course subsequently approved as satisfying requirements #2 and #3 above and published in a later catalog.

Additional information

The International Studies Program periodically sponsors summer study tours to China including study at the China Foreign Affairs University in Beijing.

Japanese studies, B.A. program

Course requirements for the major in Japanese studies include:

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1. Core course

- IS 2200 - Perspectives on Japan **(4)**

2. 16 credits drawn from the following courses

- AH 1003 - Arts of Asia and the Islamic World **(4)**
- AH 3010 - Japanese Art **(4)**
- AH 3040 - Buddhist Art **(4)**
- HST 3870 - Origins of Modern Japan, 1568-1912 **(4)**
- HST 3875 - Twentieth-Century Japan **(4)**
- IS 3971 - Seminar in East Asian Studies **(4)**
- LIT 1000 - Introduction to Asian Literature **(4)**
- PHL 3155 - Philosophies and Religions of Asia **(4)**
- PS 3430 - Political Systems of Asia **(4)**
- IS 3200 - Japan Exchange Program I **(16 TO 18)**
- IS 3201 - Japan Exchange Program I **(16 TO 18)**

- IS 3202 - Japan Exchange Program II **(16 TO 18)**
- IS 3203 - Japan Exchange Program II **(16 TO 18)**
- IS 3204 - Japan Program: Shiga I **(4 TO 18)**
- IS 3205 - Japan Program: Shiga I **(4 TO 18)**
- IS 3206 - Japan Program: Shiga II **(4 TO 18)**

3. 12 credits in complementary area - Chinese or South Asian studies

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- IS 2100 - Perspectives on China **(4)**
- IS 2400 - Perspectives on India **(4)**
- AH 3020 - Chinese Art **(4)**
- AH 3040 - Buddhist Art **(4)**
- AH 3030 - Chinese Architecture **(4)**
- AN 3250 - Peoples and Cultures of China **(4)**
- HST 3810 - China's Last Dynasty: The Qing, 1644-1911 **(4)**
- HST 3815 - China in Revolution, 1911-1949 **(4)**
- HST 3830 - Women in China: Past and Present **(4)**
- HST 3820 - China Since 1949 **(4)**
- HST 3825 - China and Inner Asia **(4)**
- IS 3971 - Seminar in East Asian Studies **(4)**
- LIT 1000 - Introduction to Asian Literature **(4)**
- PHL 3155 - Philosophies and Religions of Asia **(4)**
- PS 3435 - Chinese Politics and Foreign Policy **(4)**
- PS 3430 - Political Systems of Asia **(4)**

4. 4 credits in IS 4995 (Directed Research), focused on the core area

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5. 8 credits in Japanese language at the 3000-4000 level

Note

Students using this catalog to meet Japanese studies major requirements may also use any course subsequently approved as satisfying requirements #2 and #3 above and published in a later catalog.

Additional information

Students wishing to study in Japan may do so through an exchange program between Oakland University and Nanzan University, Nagoya, Japan, and the Japan Center for Michigan Universities, Hikone, Shiga, Japan. See *Study Abroad Opportunities.*

Latin American studies, B.A. program

Coordinator: Cecilia Saenz-Roby (Modern Languages and Literatures)

Course requirements for the major in Latin American studies include

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1. Core course

- IS 2500 - Perspectives on Latin America **(4)**

2. 16 credits drawn from the following courses

- AH 3060 - Pre-Columbian Art **(4)**
- AH 3080 - Latin American Art **(4)**
- AN 3550 - Archaeology of Mesoamerica **(4)**
- AN 3350 - Peoples and Cultures of Mexico and Central America **(4)**
- AN 3360 - Indians of South America **(4)**
- HST 2600 - Introduction to Latin American History to 1825 **(4)**
- HST 2602 - Introduction to Latin American History since 1825 **(4)**
- HST 3660 - History of Argentina, Brazil, and Chile **(4)**
- HST 3675 - Slavery and Race in Latin America **(4)**

- IS 3975 - Seminar in Latin American Studies **(4)**
- PS 3405 - Politics of Latin America **(4)**
- HST 3665 - Indigenous Movements in Latin America, 1492-Present **(4)**
- HST 3670 - Latin American Revolutions **(4)**
- MUS 1011 - Exploring Caribbean Music **(4)**
- PS 3550 - Politics of Development **(4)**
- PS 3560 - Revolution, Intervention, and Democratization **(4)**

3. 12 credits in complementary area - African-American studies

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- IS 2300 - Perspectives on Africa **(4)**
- AH 3050 - African Art **(4)**
- AH 3720 - Women in Art **(4)**
- ENG 3520 - African American Literature **(4)**
- HST 3280 - The Civil Rights Movement in America **(4)**
- HST 3288 - Topics in African American History **(4)**
- HST 3285 - History of African-American Women **(4)**
- HST 3675 - Slavery and Race in Latin America **(4)**
- HST 3710 - Ancient and "Medieval" African Civilizations **(4)**
- HST 3720 - Modern African History Since 1800 **(4)**
- HST 3715 - African Cultural History **(4)**
- IS 3970 - Seminar in African-American Studies **(4)**
- IS 3974 - Seminar in African Studies **(4)**
- MUS 1007 - Exploring Jazz **(4)**
- MUS 1010 - Exploring African Music **(4)**
- MUS 1011 - Exploring Caribbean Music **(4)**
- PS 3215 - The Politics of Race and Ethnicity **(4)**
- PS 3410 - African Politics **(4)**
- SOC 3610 - Racial and Ethnic Relations **(4)** or AN 3127 - Racial and Ethnic Relations **(4)**

4. 4 credits in IS 4995 (Directed Research), focused on the core area

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5. 8 credits in Spanish language at the 3000-4000 level

Note

Students using this catalog to meet Latin American studies major requirements may also use any course subsequently approved as satisfying requirements #2 and #3 above and published in a later catalog.

Other coursework for the liberal arts majors in international studies, B.A. programs

Provided that the specific course topic to be studied in any given semester is consistent with their chosen major, students may use the following courses for major credit if approved by the International Studies Program director or faculty adviser prior to enrollment.

- IS 3900 - Special Topics in International Studies **(4)**
- IS 3920 - Directed Readings in International Studies **(2 TO 8)**
- IS 3100 - Global Arts Study Abroad **(4)**
- IS 4995 - Directed Research in International Studies **(2 TO 8)**
- LIT 2905 - Studies in Foreign Film **(4)**
- LIT 3905 - Topics in Foreign Literature **(4)**
- AH 3900 - Special Topics in Art History **(1 TO 4)**

Japanese Studies Minor

Requirements for the liberal arts minor in Japanese studies

A minimum of 20 credits of coursework distributed as follows:

1. Introductory Course

- IS 2200 **- Perspectives on Japan (4)**

2. Plus 16 credits drawn from

- AH 1003 - Arts of Asia and the Islamic World **(4)**
- AH 3010 - Japanese Art **(4)**
- AH 3040 - Buddhist Art **(4)**
- HST 3870 - Origins of Modern Japan, 1568-1912 **(4)**
- HST 3875 - Twentieth-Century Japan **(4)**
- IS 3971 - Seminar in East Asian Studies **(4)**
- LIT 1000 - Introduction to Asian Literature **(4)**
- PHL 3155 - Philosophies and Religions of Asia **(4)**
- PS 3430 - Political Systems of Asia **(4)**
- IS 3200 - Japan Exchange Program I **(16 TO 18)** and IS 3201 - Japan Exchange Program I **(16 to 18)**
- IS 3204 - Japan Program: Shiga I **(4 TO 18)** and IS 3205 - Japan Program: Shiga I **(4 to 18)**
- Language option: Japanese

Other coursework

Relevant independent study, directed research, or special topics coursework (e.g., IS 3900) may also count toward fulfillment of the minor requirements, subject to international studies academic adviser approval.

Japanese Studies, B.A.

Course requirements for the major in Japanese studies include:

The Japanese studies major consists of a minimum of 44 credits, of which 24 credits must be taken in Japanese studies; 12 credits in a complementary area of study; and 8 credits at the 3000-4000 level in an appropriate language. Language courses at the 1000 and 2000 level do not count toward the total number of credits for the major in either the primary or secondary area. The complementary area of study ordinarily consists of the appropriate introductory international course and two additional courses in the area, which may be either international studies courses or departmental courses. IS 4995 , the

capstone course, must have a subject matter relevant to Japanese studies in order to count for credit toward the major. Duplication of course credit in the primary and complementary areas is not permitted. However, majors may apply their courses in international studies to their general education requirements.

1. Core course

- IS 2200 - Perspectives on Japan **(4)**

2. 16 credits drawn from the following courses

- AH 1003 - Arts of Asia and the Islamic World **(4)**
- AH 3010 - Japanese Art **(4)**
- AH 3040 - Buddhist Art **(4)**
- HST 3870 - Origins of Modern Japan, 1568-1912 **(4)**
- HST 3875 - Twentieth-Century Japan **(4)**
- IS 3971 - Seminar in East Asian Studies **(4)**
- LIT 1000 - Introduction to Asian Literature **(4)**
- PHL 3155 - Philosophies and Religions of Asia **(4)**
- PS 3430 - Political Systems of Asia **(4)**
- IS 3200 - Japan Exchange Program I **(16 TO 18)**
- IS 3201 - Japan Exchange Program I **(16 TO 18)**
- IS 3202 - Japan Exchange Program II **(16 TO 18)**
- IS 3203 - Japan Exchange Program II **(16 TO 18)**
- IS 3204 - Japan Program: Shiga I **(4 TO 18)**
- IS 3205 - Japan Program: Shiga I **(4 TO 18)**
- IS 3206 - Japan Program: Shiga II **(4 TO 18)**

3. 12 credits in complementary area - Chinese or South Asian studies

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- IS 2100 - Perspectives on China **(4)**
- IS 2400 - Perspectives on India **(4)**

- AH 3020 - Chinese Art **(4)**
- AH 3040 - Buddhist Art **(4)**
- AH 3030 - Chinese Architecture **(4)**
- AN 3250 - Peoples and Cultures of China **(4)**
- HST 3810 - China's Last Dynasty: The Qing, 1644-1911 **(4)**
- HST 3815 - China in Revolution, 1911-1949 **(4)**
- HST 3830 - Women in China: Past and Present **(4)**
- HST 3820 - China Since 1949 **(4)**
- HST 3825 - China and Inner Asia **(4)**
- IS 3971 - Seminar in East Asian Studies **(4)**
- LIT 1000 - Introduction to Asian Literature **(4)**
- PHL 3155 - Philosophies and Religions of Asia **(4)**
- PS 3435 - Chinese Politics and Foreign Policy **(4)**
- PS 3430 - Political Systems of Asia **(4)**

4. 4 credits in IS 4995 (Directed Research), focused on the core area

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5. 8 credits in Japanese language at the 3000-4000 level

Other coursework

With the approval of the International Studies Program director or faculty adviser prior to enrollment, students may also use the following courses for major credit provided that the specific course topic to be studied in an given semester is consistent with their chosen major.

- IS 3900 - Special Topics in International Studies **(4)**
- IS 3920 - Directed Readings in International Studies **(2 TO 8)**
- IS 3100 - Global Arts Study Abroad **(4)**
- IS 4995 - Directed Research in International Studies **(2 TO 8)**
- LIT 2905 - Studies in Foreign Film **(4)**
- LIT 3905 - Topics in Foreign Literature **(4)**

- AH 3900 - Special Topics in Art History **(1 TO 4)**

Note

Students using this catalog to meet Japanese studies major requirements may also use any course subsequently approved as satisfying requirements #2 and #3 above and published in a later catalog.

Additional program information

Students wishing to study in Japan may do so through an exchange program between Oakland University and Nanzan University, Nagoya, Japan, and the Japan Center for Michigan Universities, Hikone, Shiga, Japan. See International Studies Program and Study Abroad.

Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts & Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

Latin American Studies Minor

Requirements for the liberal arts minor in Latin American studies

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A minimum of 20 credits of coursework distributed as follows:

1. Introductory Course

- IS 2500 - Perspectives on Latin America **(4)**

2. Plus 16 credits drawn from

- AH 3060 - Pre-Columbian Art **(4)**
- AN 3550 - Archaeology of Mesoamerica **(4)**
- AN 3350 - Peoples and Cultures of Mexico and Central America **(4)**
- AN 3360 - Indians of South America **(4)**
- HST 2600 - Introduction to Latin American History to 1825 **(4)**
- HST 2602 - Introduction to Latin American History since 1825 **(4)**
- HST 3660 - History of Argentina, Brazil, and Chile **(4)**
- HST 3675 - Slavery and Race in Latin America **(4)**
- IS 3975 - Seminar in Latin American Studies **(4)**
- PS 3405 - Politics of Latin America **(4)**
- Language option: Spanish or transferred course work in Portuguese

Other coursework

Relevant independent study, directed research, or special topics coursework (e.g., IS 3000) may also count toward fulfillment of the minor requirements, subject to international studies academic adviser approval.

Latin American Studies, B.A.

Coordinator: Cecilia Saenz-Roby (Modern Languages and Literatures)

Course requirements for the major in Latin American studies include

The Latin American studies major consists of a minimum of 44 credits, of which 24 credits must be taken in Latin American studies; 12 credits in a complementary area of study; and 8 credits at the 3000-4000 level in an appropriate language. Language courses at the 1000 and 2000 level do not count toward the total number of credits for the major in either the primary or secondary area. The complementary area of study ordinarily consists of the appropriate introductory international course and two additional courses in the area, which may be either international studies courses or departmental courses. IS 4995, the capstone course, must have a subject matter relevant to Latin American studies in order to count for credit toward the major.

Duplication of course credit in the primary and complementary areas is not permitted. However, majors may apply their courses in international studies to their general education requirements.

1. Core course

- IS 2500 - Perspectives on Latin America **(4)**

2. 16 credits drawn from the following courses

- AH 3060 - Pre-Columbian Art **(4)**
- AH 3080 - Latin American Art **(4)**
- AN 3550 - Archaeology of Mesoamerica **(4)**
- AN 3350 - Peoples and Cultures of Mexico and Central America **(4)**
- AN 3360 - Indians of South America **(4)**
- HST 2600 - Introduction to Latin American History to 1825 **(4)**
- HST 2602 - Introduction to Latin American History since 1825 **(4)**
- HST 3660 - History of Argentina, Brazil, and Chile **(4)**
- HST 3665 - Indigenous Movements in Latin America, 1492-Present **(4)**
- HST 3670 - Latin American Revolutions **(4)**
- HST 3675 - Slavery and Race in Latin America **(4)**
- IS 3975 - Seminar in Latin American Studies **(4)**
- MUS 1011 - Exploring Caribbean Music **(4)**
- PS 3405 - Politics of Latin America **(4)**
- PS 3550 - Politics of Development **(4)**
- PS 3560 - Revolution, Intervention, and Democratization **(4)**

3. 12 credits in complementary area - African and African-American studies

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- IS 2300 - Perspectives on Africa **(4)**
- AH 3050 - African Art **(4)**
- AH 3720 - Women in Art **(4)**
- ENG 3520 - African American Literature **(4)**

- HST 3280 - The Civil Rights Movement in America **(4)**
- HST 3288 - Topics in African American History **(4)**
- HST 3285 - History of African-American Women **(4)**
- HST 3675 - Slavery and Race in Latin America **(4)**
- HST 3710 - Ancient and "Medieval" African Civilizations **(4)**
- HST 3715 - African Cultural History **(4)**
- HST 3720 - Modern African History Since 1800 **(4)**
- HST 3730 - Postcolonial Conflicts in African History **(4)**
- HST 3740 - African Environmental History **(4)**
- IS 3970 - Seminar in African-American Studies **(4)**
- IS 3974 - Seminar in African Studies **(4)**
- MUS 1007 - Exploring Jazz **(4)**
- MUS 1010 - Exploring African Music **(4)**
- PS 3215 - The Politics of Race and Ethnicity **(4)**
- PS 3410 - African Politics **(4)**
- SOC 3610 - Racial and Ethnic Relations **(4)** or AN 3127 - Racial and Ethnic Relations **(4)**

4. 4 credits in IS 4995 (Directed Research), focused on the core area

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5. 8 credits in Spanish language at the 3000-4000 level

Other coursework

With the approval of the International Studies Program director or faculty adviser prior to enrollment, students may also use the following courses for major credit provided that the specific course topic to be studied in an given semester is consistent with their chosen major.

- IS 3900 - Special Topics in International Studies **(4)**
- IS 3920 - Directed Readings in International Studies **(2 TO 8)**
- IS 3100 - Global Arts Study Abroad **(4)**
- IS 4995 - Directed Research in International Studies **(2 TO 8)**

- LIT 2905 - Studies in Foreign Film **(4)**
- LIT 3905 - Topics in Foreign Literature **(4)**
- AH 3900 - Special Topics in Art History **(1 TO 4)**
- PS 3940 - Special Topics in Comparative Politics and International Relations **(1 TO 4)**

Note

Students using this catalog to meet Latin American studies major requirements may also use any course subsequently approved as satisfying requirements #2 and #3 above and published in a later catalog.

Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts & Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

Middle Eastern Studies Minor

Requirements for the liberal arts minor in Middle Eastern studies

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A minimum of 20 credits of coursework distributed as follows:

1. Introductory course

- IS 2700 - Perspectives on the Middle East (4)

2. Plus 16 credits drawn from

- AH 1003 - Arts of Asia and the Islamic World (4)
- AH 3110 - Art of the Ancient Near East (4)
- AH 3240 - Islamic Art (4)
- HST 3510 - The Modern Middle East (4)
- HST 3540 - The Arab-Israeli Conflict (4)
- HST 3520 - The Cold War in the Middle East (4)
- HST 3550 - Modern Iran and Iraq (4)
- LIT 1000 - Introduction to Asian Literature (4)
- PS 3415 - Politics of the Middle East and North Africa (4)
- REL 1150 - Introduction to Islam (4)
- REL 1200 - Introduction to Judaism (4)
- Language option: Arabic or Hebrew or transferred course work in another Middle Eastern language

Other coursework

Relevant independent study, directed research, or special topics coursework (e.g., IS 3900) may also count toward fulfillment of the minor requirements, subject to international studies academic adviser approval.

Russian and East European Studies

Requirements for the liberal arts minor in Russian and East European Studies

A minimum of 20 credits of coursework distributed as follows:

1. Introductory Course

- IS 2600 - Perspectives on Russia and East Europe **(4)**

2. Plus 16 credits drawn from

- AH 3610 - Russian Art **(4)**
- HST 3490 - History of Modern Russia **(4)**
- HST 3495 - Eastern European History **(4)**
- IS 3973 - Seminar in Russian and Eastern European Studies **(4)**
- PS 3425 - The Russian Political System **(4)**
- Language option: transferred coursework in Russian or any East European language

Other coursework

Relevant independent study, directed research, or special topics coursework (e.g., IS 3900) may also count toward fulfillment of the minor requirements, subject to international studies academic adviser approval.

South Asian Studies Minor

Requirements for the liberal arts minor in South Asian studies

A minimum of 20 credits of coursework distributed as follows:

1. Introductory course

- IS 2400 - Perspectives on India **(4)**

2. Plus 16 credits drawn from

- AH 3040 - Buddhist Art **(4)**

- AH 3240 - Islamic Art **(4)**
- AN 3255 - Peoples and Cultures of India **(4)**
- IS 3972 - Seminar in South Asian Studies **(4)**
- LIT 1000 - Introduction to Asian Literature **(4)**
- PHL 3155 - Philosophies and Religions of Asia **(4)** or REL 3150 - The Philosophies Religions of Asia **(4)**
- REL 1150 - Introduction to Islam **(4)**
- PS 3430 - Political Systems of Asia **(4)**
- Language option: transferred coursework in any South Asian language

Other coursework

Relevant independent study, directed research, or special topics coursework (e.g., IS 3900) may also count toward fulfillment of the minor requirements, subject to international studies academic adviser approval.

Course Descriptions

GEO 1060 - Earth Science/Physical Geography(4)
Identical with (PHY 106 or PHY 1060). Satisfies the university general education requirement in the natural science and technology knowledge exploration area. (Formerly GEO 106)

GEO 2000 - Global Human Systems(4)
Identical with (AN 200 or AN 2130) and (IS 200 or IS 2000). Satisfies the university general education requirement in the global perspective knowledge exploration area. (Formerly GEO 200)

GEO 3000 - World Regional Geography(4)
Identical with (AN 350 or AN 3240) and (IS 350 or IS 3000). (Formerly GEO 350)
Prerequisite(s): (AN 200 or AN 2130) or (IS 200 or IS 2000) or (GEO 200 or GEO 2000)

IS 2000 - Global Human Systems (4)
Introductory survey of world-wide distribution, variation, and interconnections of economic, cultural, and political systems and their underlying geographic elements. Basic concepts in human geography and other social sciences, as relevant, are introduced as are techniques and tools used in carrying out and expressing geographic analysis. *Satisfies the university general education requirement in the global perspective knowledge exploration area. Identical with (AN 200 or AN 2130) and (GEO 200 or GEO 2000). (Formerly IS 200)*

IS 2005 - Issues in Global Health (4)
Contemporary issues in global health: communicable and non-communicable diseases, organizations dedicated to improving health care on an international level, innovative solutions to global health issues including the use of technology, ethical dilemmas, and economic and political perspectives. (Formerly IS 205). *Satisfies the university general education requirement in the global perspective knowledge exploration area.*

IS 2060 - Global Cities (4)
Examination of rapid urbanization and socio-spatial inequalities that exist in cities in an interconnected world. Study of globalization, urban structure and spatial organization, and diverse cultural, economic, political and natural forces that transform urbanized places into a hierarchy of cities. *Satisfies the university general education requirement in the global perspective knowledge exploration area. (Formerly IS 206).*

IS 2100 - Perspectives on China (4)
Interdisciplinary study of the peoples of China and their traditional and modern civilizations. *Satisfies the university general education requirement in the global perspective knowledge exploration area. (Formerly IS 210)*

IS 2200 - Perspectives on Japan (4)
Interdisciplinary study of the peoples of Japan and their traditional and modern civilizations. *Satisfies the university general education requirement in the global perspective knowledge exploration area. (Formerly IS 220)*

IS 2300 - Perspectives on Africa (4)
Interdisciplinary study of the peoples of Africa and their traditional and modern civilizations. *Satisfies the university general education requirement in global perspective knowledge exploration area. Satisfies the university general education requirement for a writing intensive course in general education. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly IS 230)*

IS 2400 - Perspectives on India (4)
Interdisciplinary study of the peoples of India and their traditional and modern civilizations. *Satisfies the university general education requirement in the global perspective knowledge exploration area. Satisfies the university general education requirement for a writing intensive course in general education. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly IS 240)*

IS 2500 - Perspectives on Latin America (4)
Interdisciplinary study of the peoples of Latin America and their traditional and modern civilizations. *Satisfies the university general education requirement in the global perspective knowledge exploration area. Satisfies the university general education requirement for a writing intensive course in general education. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly IS 250)*

IS 2600 - Perspectives on Russia and Eastern Europe (4)
Interdisciplinary study of the peoples of Russia and Eastern Europe and their traditional and modern civilizations. *Satisfies the university general education requirement in the global perspective knowledge exploration area. Satisfies the university general education requirement for a writing intensive course in general education. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly IS 260)*

IS 2700 - Perspectives on the Middle East (4)
Interdisciplinary study of the peoples of the Middle East and their traditional and modern civilizations. *Satisfies the university general education requirement in the global perspective knowledge exploration area. Satisfies the university general education requirement for a writing intensive course in general education. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly IS 270)*

IS 3000 - World Regional Geography (4)
Identical with (AN 350 or AN 3240) and (GEO 350 or GEO 3000). (Formerly IS 350)
Prerequisite(s): (AN 200 or AN 2130) or (IS 200 or IS 2000) or (GEO 200 or GEO 2000)

IS 3001 - The Global Citizen (4)
Identification of contemporary problems that challenge the global community. Through a problem-based learning approach, students will analyze and propose measures to help solve these problems. *Satisfies the university general education requirement in the knowledge applications integration area. Prerequisite for knowledge applications: completion of the general education requirement in the global perspective knowledge exploration area. Satisfies the university general education requirement for a writing intensive course in general education. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly IS 301)*

IS 3002 - Globalization and the International System (4)
Exploration of how globalization is shaping the contemporary world. Examination of economic, political, social, and cultural aspects of globalization. Consideration of the costs and benefits of globalization. *Satisfies the university general education requirement in the knowledge applications integration area. Prerequisite for knowledge applications: completion of the general education requirement in the global perspective knowledge exploration area. (Formerly IS 395)*

IS 3100 - Global Arts Study Abroad (4)
Study abroad experience in the arts. Intensive study of a global art tradition in its country of origin. Studies to include related art forms, culture, history, language. Visits to include archaeological sites, museums, and cultural events. Dates vary. English is the language of instruction. (Formerly IS 410)
Prerequisite(s): instructor permission.

IS 3200 - Japan Exchange Program I (16 TO 18)
Course work is taken at Nanzan University in Nagoya, Japan, and includes Japanese language study and additional appropriate courses with English as the language of instruction. (Formerly IS 361)

IS 3201 - Japan Exchange Program I (16 TO 18)
Course work is taken at Nanzan University in Nagoya, Japan, and includes Japanese language study and additional appropriate courses with English as the language of instruction.(Formerly IS 362)

IS 3202 - Japan Exchange Program II (16 TO 18)
Course work is taken at Nanzan University in Nagoya, Japan, and includes Japanese language study and additional appropriate courses with English as the language of instruction. Second year.(Formerly IS 363)

IS 3203 - Japan Exchange Program II (16 TO 18)
Course work is taken at Nanzan University in Nagoya, Japan, and includes Japanese language study and additional appropriate courses with English as the language of instruction. Second year.(Formerly IS 364)

IS 3204 - Japan Program: Shiga I (4 TO 18)
Course work is taken at the Japan Center for Michigan Universities, Shiga, Japan, and includes Japanese language study and additional appropriate courses with English as the language of instruction. (Formerly IS 365)

IS 3205 - Japan Program: Shiga I (4 TO 18)
Course work is taken at the Japan Center for Michigan Universities, Shiga, Japan, and includes Japanese language study and additional appropriate courses with English as the language of instruction. (Formerly IS 366)

IS 3206 - Japan Program: Shiga II (4 TO 18)
Course work is taken at the Japan Center for Michigan Universities, Shiga, Japan, and includes Japanese language study and additional appropriate courses with English as the language of instruction. Second year. (Formerly IS 367)

IS 3800 - France Exchange Program: Language I (4)
Course is taught at the University of Orleans in France and includes the study of French grammar. French is the language of instruction. Fall semester. (Formerly IS 370)
Prerequisite(s): permission of program coordinator.

IS 3801 - France Exchange Program: Literature I (4)
Course is taught at the University of Orleans in France and includes the study of French literature. French is the language of instruction. Fall semester. (Formerly IS 371)
Prerequisite(s): permission of program coordinator.

IS 3802 - France Exchange Program: Conversation, Comprehension, Writing I (4)
Course is taught at the University of Orleans in France and includes French conversation, comprehension and writing. French is the language of instruction. Fall semester. (Formerly IS 372)
Prerequisite(s): permission of program coordinator.

IS 3803 - France Exchange Program: Civilization I (4)
Course is taught at the University of Orleans in France and includes French history, geography and contemporary civilization. French is the language of instruction. Fall semester. (Formerly IS 373)
Prerequisite(s): permission of program coordinator.

IS 3804 - France Exchange Program: Language II (4)
Course is taught at the University of Orleans in France and includes the study of French grammar. French is the language of instruction. Winter semester. (Formerly IS 470)
Prerequisite(s): permission of program coordinator.

IS 3805 - France Exchange Program: Literature II (4)
Course is taught at the University of Orleans in France and includes the study of French literature. French is the language of instruction. Winter semester. (Formerly IS 471)
Prerequisite(s): permission of program coordinator.

IS 3806 - France Exchange Program: Conversation, Comprehension, Writing II (4)
Course is taught at the University of Orleans in France and includes the study of French conversation, comprehension and writing. French is the language of instruction. Winter semester.(Formerly IS 472)
Prerequisite(s): permission of program coordinator.

IS 3807 - France Exchange Program: Civilization II (4)
Course is taught at the University of Orleans in France and includes the study of French history, geography and contemporary civilization. French is the language of instruction. Winter semester.(Formerly IS 473)
Prerequisite(s): permission of program coordinator.

IS 3900 - Special Topics in International Studies (4)
Interdisciplinary study of a foreign area for which no regular course offerings exist. May be repeated once for a total of 8 credits. (Formerly IS 300)

IS 3920 - Directed Readings in International Studies (2 TO 8)
Readings from diverse disciplines with focus on a student's area of specialization. Conducted as a tutorial by an instructor chosen by the student. May be taken for no more than 8 credits.(Formerly IS 390)
Prerequisite(s): appropriate IS introductory course and permission of program chairperson and instructor.

IS 3970 - Seminar in African-American Studies (4)
Selected topics dealing with a specified area, to supplement departmental area courses. Students enroll under the number corresponding to a specific area. May be repeated once for a total of 8 credits. (Formerly IS 380)
Prerequisite(s): senior standing and permission of instructor.

IS 3971 - Seminar in East Asian Studies (4)
Selected topics dealing with a specified area, to supplement departmental area courses. Students enroll under the number corresponding to a specific area. May be repeated once for a total of 8 credits. (Formerly IS 381).
Prerequisite(s): senior standing and permission of instructor.

IS 3972 - Seminar in South Asian Studies (4)
Selected topics dealing with a specified area, to supplement departmental area courses. Students enroll under the number corresponding to a specific area. May be repeated once for a total of 8 credits. (Formerly IS 382).
Prerequisite(s): senior standing and permission of instructor.

IS 3973 - Seminar in Russian and Eastern European Studies (4)
Selected topics dealing with a specified area, to supplement departmental area courses. Students enroll under the number corresponding to a specific area. May be repeated once for a total of 8 credits. (Formerly IS 383).
Prerequisite(s): senior standing and permission of instructor.

IS 3974 - Seminar in African Studies (4)
Selected topics dealing with a specified area, to supplement departmental area courses. Students enroll under the number corresponding to a specific area. May be repeated once for a total of 8 credits. (Formerly IS 384).
Prerequisite(s): senior standing and permission of instructor.

IS 3975 - Seminar in Latin American Studies (4)
Selected topics dealing with a specified area, to supplement departmental area courses. Students enroll under the number corresponding to a specific area. May be repeated once for a total of 8 credits. (Formerly IS 385).
Prerequisite(s): senior standing and permission of instructor.

IS 4805 - France Exchange Program: Literature II (4)
Course is taught at the University of Orleans in France and includes the study of French literature. French is the language of instruction. Winter semester.
Prerequisite(s): permission of program coordinator.

IS 4995 - Directed Research in International Studies (2 TO 8)
Research relating to area of specialization including a senior essay or research paper. Supervised by an international studies instructor. May be taken for no more than a total of 8 credits. *Satisfies the university general education requirement for the capstone experience. (Formerly IS 490)*
Prerequisite(s): senior standing and permission of program chairperson and instructor.

Liberal Studies Program

(248) 370-4680
Program Website

Director: *Cynthia Sifonis*

Liberal Studies Executive Committee: *Ken Elder (Physics), Henri Gooren (Sociology and Anthropology), Eric LaRock (Philosophy), Daniel Lorca (Modern Languages and Literatures)*

Chief Adviser: *Cynthia Sifonis (Psychology)*

Based in the College of Arts and Sciences, the liberal studies major program is an innovative and rigorous interdisciplinary approach to undergraduate education. The objectives of this program are in harmony with the goals of a liberal education: that is, to cultivate the individual's ability to integrate diverse fields of human knowledge and activity. The outcomes of this program include enhanced abilities in critical and analytical thinking and writing in addition to development of creative and collaborative abilities.

Program honors

Program honors may be granted to graduating seniors in liberal studies on the basis of high academic achievement (minimum 3.60 overall grade point average) and excellence in the senior thesis (LBS 4998 /LBS 4999). The Liberal Studies Executive Committee will determine program honors recipients.

Program

- Liberal Studies, B.A.

Liberal Studies, B.A.

Requirements for the liberal arts major in liberal studies, B.A. program

The degree requirements include an 8-credit foundation, a core that is a minimum of 28 credits, a relevant methods course, and an 8-credit capstone experience.

1. Foundation courses (to be completed prior to junior standing)

- LBS 1000 - Exploration of the Arts and Sciences **(4)** (*minimum grade of 2.5 required*)
- LBS 2000 - Interdisciplinary Approaches to Liberal Studies **(4)** (*minimum grade of 2.5 required*)

2. Program core: choose option a or b

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a. An interdisciplinary College of Arts and Sciences concentration

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Concentration must require at least 28 credit hours, of which 20 credits must be at the 3000 level or above. All courses must be completed with a minimum grade of 2.0.

b. A combination of minors from two intellectually distinct areas

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Together the minors must have at least 20 credits at the 3000 level or above; each minor must include at least 8 credit hours at the 3000-level. Both minors must be in the College of Arts and Sciences unless an exception request is approved. All courses must be completed with a minimum grade of 2.0.

3. A discipline-specific methods course relevant to the program core

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This course must be approved by the program adviser. A minimum grade of 2.0 is required.

4. Capstone courses

- LBS 4998 - Senior Thesis I **(4)** *(minimum grade of 3.0 required)*
- LBS 4999 - Senior Thesis II **(4)** *(minimum grade of 3.0 required)*

Additional program information

The Liberal Studies Executive Committee maintains a current list of concentrations and minors that meet the above requirements. Examples of approved minor combinations include philosophy and psychology and biology and music. Examples of approved concentrations include American studies, environmental studies and religious studies. See the program website (oakland.edu/bals) for additional information.

Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts and Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

Course Descriptions

LBS 1000 - Exploration of the Arts and Sciences (4)
Broad survey of the three major discipline areas: humanities, social sciences, and natural sciences. General methods of inquiry will be stressed. Course will be unified by focus on interdisciplinary theme. *Satisfies the university general education requirement in the western civilization knowledge exploration area. (Formerly LBS 100)*

LBS 2000 - Interdisciplinary Approaches to Liberal Studies (4)
Basic preparation for interdisciplinary study. Students develop knowledge, skills and methods in interdisciplinary research on focused topics. Draws on humanities, natural sciences, social sciences and fine arts to prepare students for advanced work in liberal studies. *Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly LBS 200)*
Prerequisite(s): (LBS 100 or LBS 1000) with a grade of 2.5 or higher.

LBS 4998 - Senior Thesis I (4)
Participatory, interdisciplinary seminar in which students develop topics, establish research parameters, and prepare a thesis proposal. First in a two course sequence. (Formerly LBS 495)
Prerequisite(s): (LBS 200 or LBS 2000), senior standing and permission of instructor.

LBS 4999 - Senior Thesis II (4)
Continuation of (LBS 495 or LBS 4998). Students complete the research and writing of their liberal studies thesis papers and presentations, which synthesize their preceding liberal studies work. (Formerly LBS 496) *Satisfies the university general education requirement for the capstone experience. Satisfies the university general education requirement for a writing intensive course in general education. Prerequisite for writing intensive: completion of the university writing foundation requirement.*
Prerequisite(s): (LBS 495 or LBS 4998) and permission of instructor.

Department of Linguistics

1024 Human Health Building
(248) 370-2175
Fax: (248) 370-3144

Department website

Chairperson: *Michael B. Smith*

Professors emeriti: *Carlo Coppola (Hindi-Urdu), Daniel H. Fullmer, William Schwab*

Professor: *Michael B. Smith*

Associate professors: *Lisa Levinson, Kuniko Nielsen, Samuel Rosenthall*

Assistant professor: *Matthew Tucker*

Special instructor: *Rebecca Gaydos*

Chief adviser: *Samuel Rosenthall*

It is hard to imagine spending one waking moment without language. Whether we are alone or among other people, whether we dream or daydream, whether we write poetry, follow a recipe, cheer for the home team, speak or sing, language is involved. All normal children acquire a native language, no matter where they are born, what the language is or what their home life is like. People who are deaf have language; so do those who are blind, mute, completely paralyzed, intellectually disabled or emotionally disturbed. Language can be disrupted by injury or disease, processed by machines, altered for special occasions and exploited for ulterior motives. Despite this extraordinary presence, versatility and variability, every human language, whether Old English or Modern Japanese, shares universal features. Linguistics is the discipline that studies such matters concerning language.

Because language is so pervasive and so peculiarly human, students of linguistics find careers in many different areas. Some, such as teachers, computer scientists and speech therapists, use linguistics directly; others, such as market analysts, editors and advertising executives, use it indirectly. Still others use their undergraduate major in linguistics as a springboard to careers in law, education, business, artificial intelligence and international relations, as well as graduate study in linguistics and other fields.

Departmental Honors

The Department of Linguistics offers departmental honors to students who achieve a grade point average of 3.60 or above in courses required for the major in both the liberal arts major and the modified major with a minor in computer science. The department also recommends honors for students who have modified majors in other departments with concentrations in linguistics.

Certificate in Teaching English as a Second Language

Students may earn a certificate in teaching English as a second language (TESL) by completing the following courses: LIN 2201, ALS 4418 and ALS 4960. In all cases a student must complete 12 credits in linguistics courses at OU and must satisfy the eligibility requirement described in Practicum Eligibility to obtain the certificate. Students interested in this certificate should contact an adviser in the Department of Linguistics.

Practicum Eligibility

Eligibility for the Practicum (ALS 4960) requires completion of ALS 4418 with a grade of 3.0 or higher. Non-native speakers of English, in addition, must satisfactorily complete an oral and written examination of English.

Programs

- Linguistics Minor
- Linguistics, B.A.
- Teaching English as a Second Language (TESL) Certificate
- Teaching English as a Second Language Minor (TESL)

Linguistics Minor

Requirements for the liberal arts minor in linguistics

To earn a liberal arts minor in linguistics, students must complete a minimum of 20 credits including:

1. Required courses

- LIN 2201 - Introduction to Linguistics **(4)** *(with a grade of 3.0 or higher)*
- LIN 4303 - Introduction to Phonology **(4)**

  LIN 4304 - Introduction to Syntax **(4)**
- LIN 4403 - Phonological Theory **(4)** or LIN 4404 - Syntactic Theory **(4)**

2. At least 4 credits from 3000-4000 level LIN or ALS courses

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3. Credit toward the minor will only be allowed for courses completed with a grade of 2.0 or higher.

Additional information

A cumulative grade point average (GPA) of 3.00 is required for courses included in the minor.

Linguistics, B.A.

Requirements for the liberal arts major in linguistics, B.A. program

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To earn a liberal arts major in linguistics, students must complete the following program of study. Credit toward the major will only be allowed for courses completed with a grade of 2.0 or higher. A cumulative grade point average (GPA) of 3.00 is required for courses included in the major.

1. A minimum of 32 credits including

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a. Required courses

- LIN 2201 - Introduction to Linguistics **(4)** *(with a grade of 3.0 or higher)*
- LIN 4302 - Historical Linguistics **(4)** or LIN 4307 - Introduction to Semantics **(4)**
- LIN 4303 - Introduction to Phonology **(4)**
- LIN 4304 - Introduction to Syntax **(4)**
- LIN 4403 - Phonological Theory **(4)** or LIN 4404 - Syntactic Theory **(4)**

b. Capstone course

- LIN 4470 - The History of Linguistics **(4)** *(fulfills the university general education requirement for the capstone experience and for a writing intensive course in the major or general education)*

c. Eight credits of 3000-4000 level ALS or LIN courses

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2. At least 8 additional credits from LIN or ALS courses

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3. Foreign language

- Either two years' study of a single foreign language, including American Sign Language (through the ASL 2501 level or higher) or LIN 4409 and one year's study of a single foreign language through the 1150 level or higher.

4. Only two ALS or LIN courses at the 1000 and 2000 level

- Only two ALS or LIN courses at the 1000 and 2000 level will be accepted for credit toward the major.

Requirements for the modified major in linguistics with a minor in computer science, B.A. program

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To earn the minor, students must complete:

1. A minimum of 24 credits in linguistics courses to include

- LIN 2201 - Introduction to Linguistics **(4)** *(with a grade of 3.0 or higher)*
- LIN 4303 - Introduction to Phonology **(4)**

- LIN 4304 - Introduction to Syntax **(4)**
- LIN 4403 - Phonological Theory **(4)** or LIN 4404 - Syntactic Theory **(4)**
- LIN 4470 - The History of Linguistics **(4)** *(fulfills the university general education requirement for the capstone experience and for a writing intensive course in the major or general education)*

2. A minimum of 20 credits in CSE courses as follows

- CSI 1200 - Introduction to Computing and Programming using Excel **(4)**
- CSI 1300 - Introduction to Computer Programming **(4)**
- three additional CSE courses chosen in consult with a faculty adviser

Note

At least 12 of these credits must be taken at Oakland University. An average grade of at least 2.0 is required in courses counted toward this minor. See requirements for the minor in computing in the School of Engineering and Computer Science section of this catalog.

3. Required course

- PHL 3000 - Advanced Symbolic Logic **(4)**

Note

Credits toward the modified major will only be allowed for courses completed with a grade point of 2.0 or higher. A cumulative grade point average (GPA) of 3.00 is required for all ALS and LIN courses in the modified major.

Requirements for a modified major with a concentration in linguistics

Students may elect a modified major in anthropology, English, psychology, or sociology, with a concentration in linguistics.

The core in linguistics requires 16 credits including

- LIN 2201 - Introduction to Linguistics **(4)** *(with a grade of 3.0 or higher)*
- LIN 4303 - Introduction to Phonology **(4)**
- LIN 4304 - Introduction to Syntax **(4)**
- LIN 4403 - Phonological Theory **(4)** or LIN 4404 - Syntactic Theory **(4)**

An additional 4 credits in linguistics courses for the specific concentrations

- ALS 4374 - Cross-Cultural Communication **(4)** (anthropology) or ALS 4375 - Language and Culture **(4)** (anthropology)
- LIN 4305 - Phonetic Theory **(4)** (communication)
- LIN 4312 - History of the English Language **(4)** (English)
- ALS 4335 - Psycholinguistics **(4)** (psychology)
- ALS 4376 - Language and Society **(4)** (sociology)

Note

For requirements in the modified majors, students should consult the appropriate department.

Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts and Sciences College Exploratory Requirement, and an

appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

Teaching English as a Second Language (TESL) Certificate

Requirements for the certificate in teaching English as a second language

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Students may earn a certificate in teaching English as a second language (TESL) by completing the courses listed below. In all cases a student must complete 12 credits in linguistics courses at OU and must satisfy the Practicum Eligibility requirement to obtain the certificate. Students interested in this certificate should contact an adviser in the Department of Linguistics.

- LIN 2201 - Introduction to Linguistics **(4)**
- ALS 4418 - Teaching English as a Second Language **(4)**
- ALS 4960 - Practicum **(4)**

Practicum eligibility

Eligibility for the practicum (ALS 4960) requires completion of ALS 4418 with a grade of 3.0 or higher. Non-native speakers of English, in addition, must satisfactorily complete an oral and written examination of English.

Teaching English as a Second Language Minor (TESL)

Requirements for the Teaching English as a Second Language minor

To earn a Teaching English as a Second Language minor, student must complete a minimum of 24 credits to include the following courses: LIN 2201, ALS 4317, ALS 4375, ALS 4418, ALS 4960, and ALS 4438. Credit toward the minor will only be allowed for courses with a grade of 2.0 or higher.

Students must satisfy the Practicum Eligibility requirement to obtain the minor.

- LIN 2201 - Introduction to Linguistics **(4)**
- ALS 4317 - Models of Second Language Acquisition **(4)**
- ALS 4375 - Language and Culture **(4)**
- ALS 4418 - Teaching English as a Second Language **(4)**
- ALS 4960 - Practicum **(4)**
- ALS 4438 - Theory/Practice in Language Testing **(4)**

Practicum eligibility

Eligibility for the Practicum (ALS 4960) requires completion of ALS 4418 with a grade of 3.0 or higher. Non-native speakers of English, in addition, must satisfactorily complete an oral and written examination of English.

Additional information

For students following the TESL minor as part of the OU Secondary Teacher Education Program, application to the STEP generally requires a minimum cumulative grade point average of 3.0 in courses in the major and the minor. To progress into the internship year, students must maintain a minimum GPA of 3.00 in both their major and minor coursework, with no single course grade below 2.0. Second undergraduate degree candidates completing the minor may be required to take additional courses at

Oakland University beyond the stated minimums. Students must consult with the secondary education minor adviser in the department.

Course Descriptions

ALS 1101 - The Humanity of Language (4)
An introduction to the interrelationships of language and other cultural subsystems. Linguistic knowledge, the child's acquisition of language, sound and writing systems, meaning and communication, language and social groups are among the topics discussed. *Satisfies the university general education requirement in the foreign language and culture knowledge exploration area. (Formerly ALS 176)*

ALS 1102 - Vocabulary Etymology (4)
A basic course in vocabulary building. The origin of scientific and literary terms, foreign phrases in current use, borrowing of words into English from other languages, and the relationship between meaning and culture and meaning and context. Course not applicable to LIN programs. (Formerly ALS 102

ALS 4317 - Models of Second Language Acquisition (4)
Development of second language ability among children and adults. Topics will include first language acquisition theory, the relationship of second language acquisition to linguistic theory, and will review and evaluate competing models of second language development. (Formerly ALS 317)

ALS 4320 - Linguistics and Reading (4)
Linguistic description and analysis of the process of getting meaning from print. The course will review competing linguistic models of the reading process and insights from first and second language acquisition, psycholinguistics, reading disorders and studies in writing. (Formerly ALS 320)

ALS 4334 - Language Development in Children (4)
Language acquisition in normal and abnormal children: stages of the acquisition process, the role of the environment, the relationship between language and the development of other skills, and language acquisition in children with sensory or psychological disorders. (Formerly ALS 334)

ALS 4335 - Psycholinguistics (4)
The psychology of language, the accommodation between the cognitive and physical structure of humans and the structure of language, the nature of the language learning process, and the consequences of language use. Identical with (PSY 312 or PSY 3120). (Formerly ALS 335). *Satisfies the university general education requirement for a writing intensive course in the major.*
Prerequisites for writing intensive: completion of the university writing foundation requirement.

ALS 4340 - The Biology of Language (4)
Animal communication and the evolution of man's capacity for language, development of language in normal and abnormal children, disorders of speech, hearing and language, language and the brain, and genetic aspects of language. (Formerly ALS 340)

ALS 4360 - Neurolinguistics (4)
The neurology of language: essentials of neuroanatomy, neurological mechanisms underlying language, aphasia and kindred disorders of speech; the relationship of language to memory, intelligence and cognition; and language and mental retardation and psychological disorders. (Formerly ALS 360)

ALS 4374 - Cross-Cultural Communication (4)
A theoretical and practical examination of the role of language and nonverbal modes in intercultural communication. Problems and strategies for developing awareness of and operational skills in intercultural processes. Identical with (AN 374 or AN 3830). *Satisfies the university general education requirement in U.S diversity. (Formerly ALS 374)*

ALS 4375 - Language and Culture (4)
Language viewed as cultural behavior: its system, acquisition and use; its relation to history, attitudes and behavior; and standard languages, social dialects, pidgins and creoles. Identical with (AN 375 or AN 4810). (Formerly ALS 375)

ALS 4376 - Language and Society (4)
Language in its social context, intrasocietal variation, social evaluation of language varieties (style, dialect) as an influence in language change, and the choice of a language variety as an index of group solidarity, social ideology and individual attitudes. Identical with (SOC 376 or SOC 3830). (Formerly ALS 376)

ALS 4418 - Teaching English as a Second Language (4)
Approaches, methods and techniques of teaching pronunciation, grammar and vocabulary. The use of language tests and laboratory techniques. (Formerly ALS 418)
Prerequisite(s): (LIN 201 or LIN 2201)

ALS 4438 - Theory/Practice in Language Testing (4)
A study of the different types of aptitude and achievement tests used in different language settings, including research and educational situations. Brief introduction to test statistics and computerized analysis of test scores. Practical aspects of testing: design, scoring and administration. (Formerly ALS 438)
Prerequisite(s): (ALS 317 or ALS 4317) or (ALS 418 or ALS 4418) or permission of instructor

ALS 4890 - Topics in Applied Language Science (4)
Specific topics and issues in the study of language in its cultural, social or historical contexts. May be repeated for additional credit under different subtitle. (Formerly ALS 300)

ALS 4960 - Practicum (4)
Internship in an assigned ESL program under the guidance of a university instructor. Offered fall, winter and summer. Availability in summer is limited. For eligibility requirement, see Practicum Eligibility. May be taken for up to 8 credits. (Formerly ALS 419)
Prerequisite(s): (ALS 418 or ALS 4418) and permission of instructor.

ESL 0117 - Level 1 Listening and Speaking (4)
For non-native speakers of English. To aid in the development of fundamental English proficiency skills so students will be able to communicate very simple spoken commands and understand simple directions in English.
Prerequisite(s): placement.

ESL 0118 - Level 1 Reading and Vocabulary Development (4)
For non-native speakers of English only. Designed to build fundamental English proficiency skills in phonics, vocabulary, and comprehension of text in English.
Prerequisite(s): placement.

ESL 0119 - Level 1 Writing and Sentence Structure for Academic Purposes (4)
For non-native speakers of English only. Designed to build fundamental grammar skills in written English so that students can construct simple sentences.
Prerequisite(s): placement.

ESL 0227 - Level 2 - Listening and Speaking (4)
For non-native speakers only. To aid students in developing general listening and speaking skills through guided conversational practice. Students will be instructed in appropriate conversational techniques and will practice in group discussions.
Prerequisite(s): ESL 0117 with a grade of 2.5 or higher or placement.

ESL 0228 - Level 2 - Reading and Vocabulary Development (4)
For non-native speakers only. Designed to help students develop general-purpose reading skills and strategies. Emphasis on vocabulary development, phonics and fundamental reading strategies for comprehending text.
Prerequisite(s): ESL 0118 with a grade of 2.5 or higher or placement.

ESL 0229 - Level 2 - Writing and Technology (4)
For non-native speakers only. Practice in the development of fundamental computer literacy, typing, and writing skills utilizing technology.
Prerequisite(s): ESL 0119 with a grade of 2.5 or higher or placement.

ESL 0337 - Level 3 - Conversation Skills (4)
For non-native speakers only. Guides students towards differentiating aurally between the vowels, consonants, stress, rhythm and intonation patterns of spoken American English. Through structured conversation students will be introduced to expressions as encountered in everyday communicative situations.
Prerequisite(s): ESL 0227 with a grade of 2.5 or higher or placement.

ESL 0338 - Level 3 - Reading and Vocabulary Development (4)
For non-native speakers only. Designed to help students develop reading skills and strategies for academic purposes. Emphasis on decoding and comprehension strategies with an emphasis on word formation techniques in English.
Prerequisite(s): ESL 0228 with a grade of 2.5 or higher or placement.

ESL 0339 - Level 3 - Writing Fluency (4)
For non-native speakers only. Designed for students of ESL to improve basic writing skills in English with an emphasis on writing fluency and organizational techniques.
Prerequisite(s): ESL 0229 with a grade of 2.5 or higher or placement.

ESL 0447 - Level 4 - Intro to American Culture and Customs (4)
For non-native speakers only. Designed for students of ESL to improve basic writing skills in English with an emphasis on writing fluency and organizational techniques.
Prerequisite(s): ESL 0037 or ESL 0337 with a grade of 2.5 or higher or placement.

ESL 0448 - Level 4- Reading and Vocabulary (4)
For non-native speakers only. Designed to help students develop reading skills and strategies for academic purposes. Emphasis on comprehension and retention strategies.
Prerequisite(s): ESL 0338 with a grade of 2.5 or higher or placement.

ESL 0449 - Level 4 - Writing and Technology (4)
For non-native speakers only. Practice in the development of intermediate computer literacy, typing, and writing skills utilizing technology.
Prerequisite(s): ESL 0339 with a grade of 2.5 or higher or placement.

ESL 0557 - Level 5 - Listening and Speaking for Academics (4)
For non-native speakers only. To introduce students to the necessary listening and speaking skills for an academic environment. Focus will be on listening and speaking in a variety of class settings (lecture, seminar, discussion) and will include note-taking and subject comprehension.
Prerequisite(s): ESL 0447 with a grade of 2.5 or higher or placement.

ESL 0558 - Level 5 - Reading and Vocabulary Development (4)
For non-native speakers only. Focus on developing reading comprehension skills and strategies and to develop critical thinking skills while increasing receptive vocabulary skills.
Prerequisite(s): ESL 0448 with a grade of 2.5 or higher or placement.

ESL 0559 - Level 5 - Application of Grammar Skills in Process Writing (4)
For non-native speakers only. An intensive study and application of grammatical structures to strengthen voice, syntax, and cohesion in writing for a variety of academic purposes.
Prerequisite(s): ESL 0449 with a grade of 2.5 or higher or placement.

ESL 0567 - Topics in English as a Second Language II (2 OR 4)
For non-native speakers only. An intensive study of intermediate topics in English as a Second Language such as the development of fluency with simple grammatical structures through reading, writing, speaking and listening. May be repeated for up to 12 credits. (Formerly ESL 067)
Prerequisite(s): will vary with topic.

ESL 0577 - Topics in English as a Second Language III (2 OR 4)
For non-native speakers only. An intensive study of advanced topics in English as a Second Language such as the development of fluency with complex grammatical structures through reading, writing, speaking and listening. May be repeated for up to 12 credits.
Prerequisite(s): will vary with topic. (Formerly ESL 077)

ESL 0667 - Level 6 - Conversation Skills: Pronunciation (4)
For non-native speakers only. Provides students with structured conversation, study and practice. Designed for effective communication with native speakers of English in a variety of diverse settings with a focus on academic environments. Pronunciation of the vowels, consonants, stress, rhythm and intonation patterns of American English will be emphasized.
Prerequisite(s): ESL 0557 with a grade of 2.5 or higher or placement.

ESL 0668 - Level 6 - Reading and Vocabulary Development (4)
For non-native speakers only. Designed to help students develop reading skills and strategies for academic purposes. Emphasizes critical analysis, handling heavy reading loads and developing appropriate technical vocabularies.
Prerequisite(s): ESL 0558 with a grade of 2.5 or higher or placement.

ESL 0669 - Level 6 - Writing for Academic Purposes (4)
For non-native speakers only. Improving basic knowledge of paragraph structure, linear sequencing and grammatical structures used in writing. Introduction and use of the writing process: brainstorming, writing, revision, self/peer editing, proofreading.
Prerequisite(s): ESL 0559 with a grade of 2.5 or higher or placement.

ESL 0777 - Level 7 - Listening and Speaking for Academics (4)
For non-native speakers only. Guides students toward mastery of the skills necessary to succeed in the academic setting. Focus is on student demonstration of their ability to communicate and understand English effectively in a variety of academic situations such that they are prepared for integration into general education courses.
Prerequisite(s): ESL 0667 with a grade of 2.5 or higher or placement.

ESL 0778 - Level 7 - Reading and Vocabulary Development (4)
For non-native speakers only. Designed to help students refine reading skills and strategies for academic purposes. Emphasizes critical analysis and close reading skills.
Prerequisite(s): ESL 0668 or ESL 0780 with a grade of 2.5 or higher or placement.

ESL 0779 - Level 7 - Academic Writing (4)
For non-native speakers only. Practice in the development of advanced computer literacy, typing, and writing skills utilizing technology. Combines extensive practice in process writing for a variety of audiences and purposes (e.g., lab reports, essays and research reports) with an emphasis on developing fluency.
Prerequisite(s): ESL 0669 with a grade of 2.5 or higher or placement.

ESL 0780 - Level 7 - Test Prep (4)
For non-native speakers only. Preparation for successful performance on English language proficiency tests for ESL students. Students will learn specific test-taking strategies while improving their skills in reading, writing, speaking, and listening in English.
Prerequisite(s): ESL 0069 or 0669 with a grade of 2.5 or higher or placement.

ESL 0887 - Level 8 - Listening and Speaking: English for Academic Success (4)
For non-native speakers of English. Emphasis on improving presentation skills, particularly pronunciation, and on addressing issues relevant to graduate student success.
Prerequisite(s): ESL 0777 or ESL 0780 with a grade of 2.5 or higher or placement.

ESL 0888 - Level 8 - Reading and Vocabulary for Research (4)
For non-native speakers only. Designed to aid graduate students with the tasks of reading and comprehending substantive research papers or theses. Emphasis will be on critical thinking skills and vocabulary development.
Prerequisite(s): ESL 0778 with a grade of 2.5 or higher or placement.

ESL 0889 - Level 8 - Academic Writing for Research Purposes (4)
For non-native speakers only. Designed to aid graduate students with the tasks of writing substantive research papers or thesis.
Prerequisite(s): ESL 0779 or ESL 0780 with a grade of 2.5 or higher or placement.

ESL 1579 - Independent Study in English as a Second Language (2 OR 4)
For non-native speakers only. Provides students with the opportunity to design a course of study that meets their particular English language needs. May be repeated for up to 12 credits.
Prerequisite(s): Permission of instructor. (Formerly ESL 079)

LIN 1177 - Introduction to Language Science (4)
A basic introduction to the modern study of language as rule-governed behavior. Among the topics considered are the linguistic principles pertaining to sounds, words, sentences and meanings in cultural subsystems that enable people to communicate. Examples and analysis of English and other languages. (Formerly LIN 177)

LIN 1180 - Linguistic Analysis (4)
Introduction to the analytical and theoretical concepts used by linguists to describe the structure of human language. Focus on an analysis of both sound and phrase structures. *Satisfies the university general education requirement in the formal reasoning knowledge foundation area. (Formerly LIN 180)*

LIN 1181 - Introduction to the Development of the English Language (4)
An introduction to the development of the English language from its Anglo-Saxon beginnings to the present, including the development of the sounds, words, sentences and meanings of English. Discussion of the spread and dominance of English as a world language and the many varieties of English will also be included. *Satisfies the university general education requirement in foreign language and culture knowledge exploration area. (Formerly LIN 181)*

LIN 1182 - Language and the Brain (4)
Overview of the anatomy and physiology of language in the brain, including discussion of human characteristics that make language possible, human problems with language that result from various pathologies, and the mind-brain relationship. Consideration of the nature of language as a specifically human phenomenon. *Satisfies the university general education requirement in the natural science and technology knowledge exploration area. (Formerly LIN 182)*

LIN 1183 - Formal Rules of Sound Structure (4)
Introduction to the description, organization and formal analysis of data dealing with the sound structure of human language. *Satisfies the university general education requirement in the formal reasoning knowledge foundation area. (Formerly LIN 183)*

LIN 1184 - Formal Rules of Phrase Structure (4)
Introduction to the description, organization, and formal analysis of data dealing with the phrase structure of human language. *Satisfies the university general education requirement in the formal reasoning knowledge foundation area. (Formerly LIN 184)*

LIN 2201 - Introduction to Linguistics (4)
Introduction to the modern study of human language. Emphasis on the analysis of sound and structure, variation and change, and linguistic universals. A grade of 3.0 or higher is required for admission to a major or minor in linguistics. (Formerly LIN 201)

LIN 2207 - Meaning in Language (4)
Broad examination of how humans use language to convey meanings of various kinds, including literal, non-literal, and interpersonal meaning, and ways in which language reflects how humans think. (Formerly LIN 207)

LIN 3301 - Linguistic Structures (4)
An introduction to synchronic linguistic analysis, with structural problems in natural languages.(Formerly LIN 301)
Prerequisite(s): (LIN 201 or LIN 2201)

LIN 4302 - Historical Linguistics (4)
Diachronic linguistic analysis: language change, dialect geography, establishment of genealogical relationships, the reconstruction of earlier stages of languages and the relationship of language change to synchronic analysis.(Formerly LIN 302)
Prerequisite(s): (LIN 201 or LIN 2201) with a grade of 3.0 or higher.

LIN 4303 - Introduction to Phonology (4)
Fundamentals of phonological analysis using data from a variety of languages. (Formerly LIN 303)
Prerequisite(s): (LIN 201 or LIN 2201) with a grade of 3.0 or higher.

LIN 4304 - Introduction to Syntax (4)
Fundamentals of syntactic analysis using data from a variety of languages. (Formerly LIN 304)
Prerequisite(s): (LIN 201 or LIN 2201) with a grade of 3.0 or higher.

LIN 4305 - Phonetic Theory (4)
Introduction to articulatory and acoustic descriptions of spoken language, and training in the recognition of production of sounds found in languages other than English. (Formerly LIN 305)
Prerequisite(s): (LIN 201 or LIN 2201) with a grade of 3.0 or higher.

LIN 4307 - Introduction to Semantics (4)
Fundamentals of semantic analysis using data from a variety of languages. (Formerly LIN 307)
Prerequisite(s): (LIN 201 or LIN 2201) with a grade of 3.0 or higher.

LIN 4312 - History of the English Language (4)
Identical with (ENG 376 or ENG 3100) (Formerly LIN 376)
Prerequisite(s): (WRT 160 or WRT 1060)

LIN 4320 - Computer Parsing of Natural Languages (4)
An examination of the syntactic and semantic properties of natural language and a survey of the techniques for computer parsing. Student projects in the computer analysis of language. (Formerly LIN 315)
Prerequisite(s): (LIN 201 or LIN 2201) and (CSE 130 or CSE 1300)

LIN 4350 - Linguistic Typology (4)
Patterns of variation in the world's languages; linguistic universals that provide insight into the complexity of the human language faculty. (Formerly LIN 350)
Prerequisite(s): (LIN 201 or LIN 2201) with a grade of 3.0 or higher.

LIN 4357 - Cognitive Linguistics (4)
A cognitive/functional approach to grammatical theory focusing on the relation between language and cognition in the study of semantic, lexical and grammatical structure. (Formerly LIN 357)
Prerequisite(s): (LIN 201 or LIN 2201) or permission of instructor.

LIN 4403 - Phonological Theory (4)
A presentation of theory and application of phonological analysis with emphasis on original work. (Formerly LIN 403)
Prerequisite(s): (LIN 303 or LIN 4303) with a grade of 2.0 or higher.

LIN 4404 - Syntactic Theory (4)
Presentation of theory and application of syntactic analysis, with emphasis on original work. (Formerly LIN 404)
Prerequisite(s): (LIN 304 or LIN 4304) with a grade of 2.0 or higher.

LIN 4407 - Semantic Theory (4)
A presentation of theory and application of semantic analysis with emphasis on original work. (Formerly LIN 407)
Prerequisite(s): (LIN 307 or LIN 4307) with a grade of 2.0 or higher.

LIN 4409 - Studies in the Structure of a Language (4)
A study of the structural aspects of an individual language to be determined by the instructor. (Formerly LIN 409)
Prerequisite(s): (LIN 303 or LIN 4303) or (LIN 304 or LIN 4304)

LIN 4413 - Advanced Phonology (4)
Advanced course in phonology with emphasis on current issues in phonological theory. (Formerly LIN 413)
Prerequisite(s): (LIN 403 or LIN 4403)

LIN 4414 - Advanced Syntax (4)
Advanced course in syntax with emphasis on current issues in syntactic theory. (Formerly LIN 414)
Prerequisite(s): (LIN 404 or LIN 4404)

LIN 4417 - Advanced Semantics (4)
Advanced course in semantics with emphasis on current issues in semantic theory. (Formerly LIN 417)
Prerequisite(s): (LIN 407 or LIN 4407)

LIN 4470 - The History of Linguistics (4)
Examination of the major movements and trends in the history of linguistics from ancient India to the present. *Satisfies the university general education requirement for a writing intensive course in the major or general education, not both. Prerequisite for writing intensive: completion of the university writing foundation requirement. Satisfies the university general education requirement for the capstone experience. (Formerly LIN 470)*
Prerequisite(s): senior standing and 12 credits in LIN courses numbered above 3000 including (LIN 303 or LIN 4303) and (LIN 304 or LIN 4304)

LIN 4480 - Philosophy of Language (4)
Identical with (PHL 475 or PHL 4100). (Formerly LIN 475)
Prerequisite(s): Junior standing. (LIN 207 or LIN 2207) or one course in logic (PHL 107 or PHL 1070) strongly recommended).

LIN 4890 - Special Topics (4)
Topics and problems selected by the instructor. (Formerly LIN 300)
Prerequisite(s): permission of the Department of Linguistics.

LIN 4987 - Seminar in Linguistics (4)
Topics and problems selected by the instructor. (Formerly LIN 480)
Prerequisite(s): (LIN 201 or LIN 2201) and permission of the instructor.

LIN 4996 - Independent Study (2 OR 4)
Special research projects in linguistics. Graded numerically or satisfactory/unsatisfactory by written agreement with linguistics faculty supervisor. (Formerly LIN 490)
Prerequisite(s): (LIN 201 or LIN 2201) and instructor permission.

LTN 1140 - Introduction to Latin Language and Roman Culture (4)
A two-semester sequence in the fundamentals of Latin language and classical Roman culture. A beginning course. (LTN 114 or LTN 1140) must be taken first. (LTN 114 or LTN 1140) and (LTN 115 or LTN 1150). (Formerly LTN 114). *Satisfies the university general education requirement in the foreign language and culture knowledge exploration area.*

LTN 1150 - Introduction to Latin Language and Roman Culture (4)
A two-semester sequence in the fundamentals of Latin language and classical Roman culture. A beginning course. (LTN 114 or LTN 1140) must be taken first. (LTN 114 or LTN 1140) or (LTN 115 or LTN 1150) satisfies the university general education requirement in the foreign language and culture knowledge exploration area. (Formerly LTN 115)
Prerequisite(s): (LTN 114 or LTN 1140)

Department of Mathematics and Statistics

368 SCIENCE BUILDING
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Department Website

Chairperson: *László Lipták*

Professors emeriti: *Louis R. Bragg, J. Curtis Chipman, David J. Downing, George F. Feeman, Robert H. Kushler, Louis J. Nachman, Sze Kai Tsui*

Distinguished professor: *Eddie Cheng, Meir Shillor*

Professors: *Kevin T. Andrews, Baruch Cahlon, Charles C. Cheng, Jerrold W. Grossman, Ravindra Khattree, László Lipták, Gary C. McDonald, Subbaiah Perla, Xiangqui Qu, Darrell Schmidt, Irwin E. Schochetman, Anna Spagnuolo, J. Barry Turett, Stuart S. Wang, Stephen J. Wright, Wen Zhang*

Associate professors: *Dorin Drignei, Serge Kruk, Li Li, Theophilus Ogunyemi, Libin Rong, Tanush Shaska, Peter Shi*

Assistant professors: *Aycil Cesmelioglu, Michael Lawlor, Anushaya Mohapatra, Daniel Steffy, Nghia T.A. Tran*

Adjunct Professors: *Jan Bradbury, David Lamb, Charles Wampler*

Chief adviser: *Darrell Schmidt*

The Department of Mathematics and Statistics offers programs of study leading to the Bachelor of Arts degree with a major in mathematics, Bachelor of Science degree with a major in mathematics or applied statistics, Bachelor of Science degree in actuarial science that is jointly offered with the Department of Economics, Master of Science degree in industrial applied mathematics, Master of Science degree in applied statistics, Master of Arts degree in mathematics and Doctor of Philosophy degree in applied mathematical sciences. In addition, the department offers courses that are required or recommended as electives in other academic programs. For further information on the graduate programs offered by the department, see the *Oakland University Graduate Catalog*.

Students are encouraged to elect a variety of applied courses, both inside and outside of the department. The greater the familiarity with applications of mathematics, the greater the possibilities of employment in a world that is becoming more mathematics-oriented each year. Concentrations or minors, or even second majors, are available in computer science, the life sciences, the physical

sciences, engineering, business administration, the social sciences and linguistics. Mathematics majors are advised to consult department faculty when planning their programs.

Prerequisites and Placement

Each student enrolling in a course offered by the Department of Mathematics and Statistics must meet the prerequisites for that course. Students who do not meet the prerequisites will not be permitted to enroll or remain enrolled in the course.

The prerequisites may be met in a number of ways: by completing the stated prerequisite course(s) with a grade of 2.0 or better; by completing an equivalent course at another university, college or community college with a grade of 2.0 or better; or through placement.

Grades below 2.0 in prerequisite courses are not acceptable, nor are high school courses. In rare cases, the department may grant permission to enroll in a course without the formal prerequisites. Students with unusual circumstances should consult the instructor of the course or a department adviser.

Placement into levels E, I, R, or C, described below, is determined by the mathematics ACT (or SAT equivalent) Score or by a placement test. For details on this placement, consult an adviser or the department's web page. The levels of placement are as follows:

- E: The student is ready for MTH 0661* or MTH 1118.
- I: The student has demonstrated competence through MTH 0661* and is ready for MTH 0662* or MTH 1118.
- R: The student has demonstrated competence through MTH 0662* and is ready for MTH 1118, MTH 1221, MTH 1441, MTE 2110 or STA 2220.
- C: The student has demonstrated competence through MTH 1441 and is ready for MTH 1118, MTH 1221, MTH 1222, MTH 1554 ,MTE 2110, STA 2220, STA 2221 or STA 2222.

Formal course competency credit is not available in MTH 0661*, MTH 0662* or MTH 1441.

*See information concerning these skill enrichment courses below.

Capstone courses: The department offers the following options for students to satisfy the capstone requirement for their major: ACS 4550 - Financial Mathematics, MTH 4114 - History of Mathematics, STA 4228 - Introduction to Mathematical Statistics II .

Departmental Honors

Departmental honors may be awarded to graduating seniors in either the B.A. or the B.S. degree program who have demonstrated outstanding achievement in their mathematical science course work, as evidenced by high grades, high level courses and/or more than a minimum number of courses. Further information is available from the department chairperson. In addition, the department will normally present the Louis R. Bragg Graduating Senior Award each year to the most outstanding graduate in any of the departmental majors.

Skill Enrichment Courses: MTH 0661 and MTH 0662

MTH 0661 and MTH 0662 are academic skill enrichment courses specially designed to aid incoming students who need additional preparation prior to entering one of the university's standard

mathematical sciences sequences. Note that when a student exercises the repeat option and takes MTH 0661 or MTH 0662 to replace a grade previously earned in MTH 011, MTH 012, MTH 102, MTH 103, MTH 111 or MTH 112, the grade earned in MTH 0661 or MTH 0662 will replace the former grade.

Programs

Applied Statistics, B.S.

Mathematics, B.A.

Mathematics, B.S.

Actuarial Science, B.S. (Mathematics)

Mathematics, STEP

Mathematics Minor

Applied Mathematics Minor

Applied Statistics Minor

Mathematics Secondary Teaching Minor

Applied Statistics, B.S.

Requirements for the major in applied statistics, B.S. program

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To earn the Bachelor of Science degree with a major in applied statistics, students must:

1. Complete 28 credits in statistics.

- STA 2226 - Applied Probability and Statistics **(4)**
- STA 4002 - Applied Linear Models I **(4)**
- STA 4227 - Introduction to Mathematical Statistics I **(4)**
- STA 4228 - Introduction to Mathematical Statistics II **(4)**

- 12 credits chosen from STA courses numbered above 3000 (but not STA 5001-5002)

2. Complete

- MTH 1554 - Calculus I **(4)**
- MTH 1555 - Calculus II **(4)**
- MTH 2554 - Multivariable Calculus **(4)**
- MTH 2775 - Linear Algebra **(4)**

And one more course chosen from

- APM 2555 - Introduction to Differential Equations with Matrix Algebra **(4)**
- APM 2663 - Discrete Mathematics **(4)**
- APM 3332 - Applied Matrix Theory **(4)**
- APM 4333 - Numerical Methods **(4)**
- APM 4334 - Applied Numerical Methods: Matrix Methods **(4)**
- MTH 4552 - Advanced Calculus I **(4)**
- MOR 2442 - Elementary Models in Operations Research **(4)**
- MOR 4554 - Linear and Integer Optimization **(4)**
- MOR 4555 - Nonlinear Optimizations **(4)**
- MOR 4556 - Stochastic Models in Operations Research **(4)**

3. Complete one of the following.

- CSI 1300 - Introduction to Computer Programming **(4)**
- EGR 1400 - Computer Problem Solving in Engineering and Computer Science **(4)**

4. Complete one of the following.

- ENG 3110 - Advanced Critical Writing **(4)**
- WRT 4908 - Special Topics in Professional Writing **(4)**
- WRT 3081 - Science Writing **(4)**

- WRT 3082 - Business Writing **(4)**

5. Complete a course in ethics given by the Department of Philosophy.

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6. Complete 16 credits in a single area outside the Department of Mathematics and Statistics to which statistics could be applied.

The 16 credits must include at least one course that is quantitatively oriented. The rest of the 16 credits could come from prerequisite courses or any related courses. These 16 credits must be approved in advance by an adviser in the Department of Mathematics and Statistics. The courses need not be in a single department, but the total package should constitute a substantive examination of a single area. Courses used to satisfy this requirement may also be used to satisfy university general education or college exploratory requirements.

7. Earn a minimum grade of 2.0 in each mathematical sciences and computer science course used to satisfy the major requirements.

Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts and Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

Mathematics, B.A.

Requirements for the liberal arts major in mathematics, B.A. program

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To earn the Bachelor of Arts degree with a major in mathematics, students must:

1. Complete a core of eight courses with a grade of at least 2.0 in each.

- MTH 1554 - Calculus I **(4)**
- MTH 1555 - Calculus II **(4)**
- MTH 2554 - Multivariable Calculus **(4)**
- MTH 2775 - Linear Algebra **(4)**
- MTH 3002 - Introduction to Advanced Mathematical Thinking **(4)**
- MTH 4552 - Advanced Calculus I **(4)**
- MTH 4775 - Abstract Algebra I **(4)**
- STA 2226 - Applied Probability and Statistics **(4)**

2. Complete three additional 3- or 4-credit courses in the mathematical sciences chosen from

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- APM 2555 - Introduction to Differential Equations with Matrix Algebra **(4)**
- APM 2663 - Discrete Mathematics **(4)**
- MOR 2442 - Elementary Models in Operations Research **(4)**
- Courses labeled MTH, APM, MOR or STA at the 3000-4000 level, with the exception of MTH 4997
- Each course must be completed with a grade of at least 2.0. Majors in the secondary education program must choose APM 2663, MTH 4662 and MTH 4114 as these three courses. Well-prepared students may substitute 5000-level courses with the approval of the departmental adviser.

3. Complete one of the following courses with a grade of at least 2.0.

- CSI 1300 - Introduction to Computer Programming **(4)**
- EGR 1400 - Computer Problem Solving in Engineering and Computer Science **(4)**
- CSI 2300 - Object-Oriented Computing **(4)**

4. Complete two additional 3- or 4-credit courses, as approved by the departmental adviser, in an area related to mathematics, with an average grade of at least 2.0.

The area chosen will normally be in science, engineering, computer science, economics or statistics. Courses used to satisfy this requirement may also be used to satisfy university general education or

college exploratory requirements. Students in the secondary education program will be deemed to have satisfied this requirement with their secondary teaching minor, regardless of its subject area.

Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts and Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

Mathematics, B.S.

Requirements for the major in mathematics, B.S. program

To earn the Bachelor of Science degree with a major in mathematics, students must:

1. Complete a core of nine courses with a grade of at least 2.0 in each.

- MTH 1554 - Calculus I **(4)**
- MTH 1555 - Calculus II **(4)**
- MTH 2554 - Multivariable Calculus **(4)**
- MTH 2775 - Linear Algebra **(4)**
- MTH 3002 - Introduction to Advanced Mathematical Thinking **(4)**
- MTH 4552 - Advanced Calculus I **(4)**
- MTH 4775 - Abstract Algebra I **(4)**
- MTH 4553 - Advanced Calculus II **(4)** or MTH 4776 - Abstract Algebra II **(4)**
- STA 2226 - Applied Probability and Statistics **(4)**
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2. Complete four additional 3- or 4-credit courses in the mathematical sciences chosen from

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- APM 2555 - Introduction to Differential Equations with Matrix Algebra **(4)**
- APM 2663 - Discrete Mathematics **(4)**
- MOR 2442 - Elementary Models in Operations Research **(4)**
- Courses labeled MTH, APM, MOR or STA at the 3000-4000 level, with the exception of MTH 4997
- Each course must be completed with a grade of at least 2.0. APM 2663 , MTH 4662 and MTH 4114 must be included among these four courses for students in the secondary education program. Well-prepared students may substitute 5000-level courses with the approval of the departmental adviser.

3. Complete CSE 2300 - Object-Oriented Computing I (4) with a grade of at least 2.0.

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4. Complete three additional 3- or 4-credit courses, as approved by the departmental adviser, in an area related to mathematics, with an average grade of at least 2.00.

The area chosen will normally be in science, engineering, computer science, economics or statistics. Courses used to satisfy this requirement may also be used to satisfy university general education or college exploratory requirements. Students in the secondary education program will be deemed to have satisfied this requirement with their secondary teaching minor, regardless of its subject area.

Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts and Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

Actuarial Science, B.S. (Mathematics)

Requirements for the major in actuarial science, B.S. program

Because an actuary needs a blend of mathematics, economics, statistics and finance, this major is offered jointly by the Department of Mathematics and Statistics and the Department of Economics. However, the major in actuarial science differs significantly from the other majors offered by these two departments because it (1) prepares students for jobs in actuarial science and provides them with the educational background necessary to pursue an advanced degree in economics, mathematics, statistics, or business administration, (2) integrates two distinctly different disciplines, thereby providing students with a breadth of knowledge that is needed in a fast-changing world, and (3) provides students with the analytical and reasoning skills to successfully complete the first two exams in actuarial science offered by the Society of Actuaries.

To earn the Bachelor of Science degree with a major in actuarial science, students must

1. Complete

- MTH 1554 - Calculus I **(4)**
- MTH 1555 - Calculus II **(4)**
- MTH 2554 - Multivariable Calculus **(4)**
- MTH 2775 - Linear Algebra **(4)**

2. Complete

- ACS 3000 - Foundations of Probability and Calculus **(1)** *(unless the student has a grade of at least 3.5 in MTH 2554 Multivariable Calculus or permission of the chief undergraduate adviser)*
- STA 2226 - Applied Probability and Statistics **(4)**
- STA 4227 - Introduction to Mathematical Statistics I **(4)**

3. Complete

- ECN 2100 - Principles of Economics **(6)**

- or both ECN 2010 - Principles of Microeconomics and ECN 2020 - Principles of Global Macroeconomics **(4)** (or ECN 2000)
- ECN 3020 - Intermediate Macroeconomics **(3)** or ECN 3210 - Financial Markets and the Economy **(3)**
- ECN 3030 - Managerial Economics **(3)** or ECN 3810 Mathematical Analysis for Economists **(4)**

4. Complete

- QMM 2410 - Statistical Methods for Business II **(3)** or ECN 4060 Time Series Econometrics **(3)** or STA 4330 Time Series I **(4)**

5. Complete

- FIN 3220 - Managerial Finance I **(4)**
- FIN 3600 - Investment Analysis **(3)** or FIN 4250 Financial Derivatives **(3)** *(Note: students who have taken FIN 480 or FIN 425 under a previous catalog may use these courses as a substitute for FIN 3600)*
- FIN 3720 - Managerial Finance II **(3)**

6. Complete

- ECN 4050 - Econometrics **(3)** or STA 4002 - Applied Linear Models I **(4)**
- ACS 4550 Financial Mathematics **(3)**

7. Complete

- MIS 3140 - Business Database Systems **(3)**
- MIS 4460 - Business Analytics **(3)**

8. Complete one of the following electives

- APM 2555 - Introduction to Differential Equations with Matrix Algebra **(4)**
- APM 4333 - Numerical Methods **(4)**
- APM 4334 - Applied Numerical Methods: Matrix Methods **(4)**
- STA 4225 - Elements of Stochastic Processes **(4)**

- STA 4228 - Introduction to Mathematical Statistics II **(4)**

9. Complete cognate courses

- ACC 2000 - Introductory Financial Accounting **(4)**
- ACC 3010 - Financial Reporting and Analysis **(3)**
- EGR 1400 **-** Computer Problem Solving in Engineering and Computer Science (4)
- WRT 3082 - Business Writing **(4)**

10. Complete ACHIEVE courses

- SBC 1990 - ACHIEVE I **(0)** *(to be taken during the freshman year or first year as an actuarial science major)*
- SBC 2990 - ACHIEVE II **(0)** *(to be taken during the fall semester of the sophomore year or the second semester as an actuarial science major)*
- ACS 3987 - ACHIEVE 3 Actuarial Sciences **(0)** *(to be taken during the second semester of the sophomore year or the third semester as an actuarial science major)*

11. Earn a minimum grade of 2.0 in all courses applied to the major including cognate courses for the major.

Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts and Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

Mathematics, STEP

Secondary Teacher Education Program (STEP): Mathematics

The Secondary Teacher Education Program (STEP) at Oakland University is an extended program of study leading to certification. Generally, eligibility into the STEP requires a GPA of 3.00 in both the major and the minor, and an overall GPA of 2.80. No single major or minor course grade may be below 2.0. Second undergraduate degree candidates completing major and/or minors may be required to complete additional course work at Oakland University beyond the stated minimums. Students must consult with the secondary education adviser in the department.

1. Complete the requirements for a B.A. or B.S. degree in mathematics

Within those requirements, include the following courses among the mathematics electives:

- APM 2663 - Discrete Mathematics **(4)**
- MTH 4662 - Geometric Structures **(4)**
- MTH 4114 - History of Mathematics **(4)**

2. Complete a 20-28 credit secondary teaching minor.

3. Complete the required sequence of undergraduate coursework in education consisting of

- SED 3000 - Introduction to Secondary Education

(4) (must be completed prior to STEP application)

- RDG 4238 - Teaching Reading in the Content Areas **(4)** (must be completed prior to the final internship semester)
- DLL 4197 - Digital Technologies in the Secondary Classroom **(4)** (must be completed prior to the final internship semester)
- FE 3010 - Educational Psychology for K-12 Educators **(4)** (must be completed prior to the final internship semester)
- SED 4100 - ST: Teaching Secondary in the Minor Methods (4) or SED 4130 Teaching in Your Minor Field: Mathematics (4) (must be completed prior to the final internship semester)

- SE 4401 - Introduction to Students with Special Needs **(4)**
- SED 4200 - ST: Teaching Secondary of the Major Methods **(4)**
- SED 4952 Internship in Secondary Education **(12)**

Additional information

Further details on program and admission requirements and procedures can be found in the School of Education and Human Services portion of the catalog and by consulting advisers in the Department of Mathematics and Statistics and the School of Education and Human Services advising office, 363 Pawley Hall, (248) 370-4182.

Mathematics Minor

Requirements for the liberal arts minor in mathematics

To qualify for the liberal arts minor in mathematics, students must take a minimum of 20 credits chosen from

- MTH 1555 - Calculus II **(4)**
- MTH 2554 - Multivariable Calculus **(4)**
- MTH 2775 - Linear Algebra **(4)**
- APM 2555 - Introduction to Differential Equations with Matrix Algebra **(4)**
- APM 2663 - Discrete Mathematics **(4)**
- MOR 2442 - Elementary Models in Operations Research **(4)**
- STA 2226 - Applied Probability and Statistics **(4)**
- Any 3000-4000 level courses labeled MTH, APM. MOR or STA, except MTH 4997

Note

Each course used to satisfy the minor requirements must be completed with a grade of at least 2.0.

Students majoring in engineering or computer science are not eligible for this program and should consult the requirements for the applied mathematics minor for students in the School of Engineering and Computer Science.

Applied Mathematics Minor

Requirements for the applied mathematics minor for students in the School of Engineering and Computer Science

To qualify for the applied mathematics minor, students in the School of Engineering and Computer Science (SECS) must complete the following courses with a grade of at least 2.0 in each.

- MTH 2554 - Multivariable Calculus **(4)**
- MTH 2775 - Linear Algebra **(4)**
- MTH 3002 - Introduction to Advanced Mathematical Thinking **(4)**
- STA 2226 - Applied Probability and Statistics **(4)** *(or another statistics course approved by the departmental adviser)*
- MTH 4552 - Advanced Calculus I **(4)** or MTH 4775 - Abstract Algebra I **(4)**

Applied Statistics Minor

Requirements for the minor in applied statistics

To qualify for the minor in applied statistics, students must take a minimum of 20 credits of STA courses including

- STA 2226 - Applied Probability and Statistics **(4)**
- STA 4002 - Applied Linear Models I **(4)**

- At least three other STA courses at the 3000 level or above, excluding STA 5001 and STA 5002

Note

Each course used to satisfy the minor requirements must be completed with a grade of at least 2.0.

Mathematics Secondary Teaching Minor

Requirements for the secondary teaching minor in mathematics

To qualify for a secondary teaching minor in mathematics, students must take 28 credits consisting of

- MTH 1554 - Calculus I (4)
- MTH 1555 - Calculus II (4)
- APM 2663 - Discrete Mathematics (4)
- STA 2226 - Applied Probability and Statistics (4)
- MTH 3002 - Introduction to Advanced Mathematical Thinking (4)
- MTH 4662 - Geometric Structures (4)
- SED 4100 - ST: Teaching Secondary in the Minor Methods (4)

Note

Generally, application to OU STEP requires a minimum cumulative grade point average of 3.0 in courses in the major and the minor. To progress into the internship year, students admitted to the OU STEP must maintain a minimum GPA of 3.00 in both their major and minor coursework, with no single course grade below 2.0.

Second undergraduate degree candidates completing the minor may be required to take additional courses at Oakland University beyond the stated minimums. Students must consult with the secondary education adviser in the department.

Course Descriptions

ACS 3000 - Foundations of Probability and Calculus (1)
Short review of important tools in algebra and calculus and links to applications of probability functions as integration and summation tools. Application of sequences and series to discrete probability distributions. Basic probability theory and combinatorial probability. (Formerly ACS 300)
Prerequisite(s): (MTH 254 or MTH 2554) and (STA 226 or STA 2226), each with a grade of 2.0 or higher.

ACS 3001 - Review for P/1 Exam (1)
Review of materials for the Society of Actuaries P/1 exam. Generally offered during summer semester. (Formerly ACS 301)
Prerequisite(s): (STA 226 or STA 2226)

ACS 3002 - Review for the FM/2 Exam (1)
Review of materials for the Society of Actuaries FM/2 exam. Generally offered during summer semester. (Formerly ACS 302)
Prerequisite(s): (FIN 422 or FIN 3720)

ACS 3660 - Case Project (1)
Working in teams students will work on a real actuarial project presented by the instructor. Course is usually offered over the entire 14 week summer session and is a blend of online and in class meetings. Course is repeatable. (Formerly ACS 360)
Prerequisite(s): Actuarial science major.

ACS 3905 - Special Topics in Actuarial Science (1 TO 3)
Study of a selected topic in actuarial sciences. Emphasis is placed on the institutional rather than theoretical aspects of a topic. May be repeated a total of four times as long as the topic is different. Generally offered during summer semester. Course is repeatable for additional credit. (Formerly ACS 380)
Prerequisite(s): Actuarial science major.

ACS 3990- ACHIEVE 3 Actuarial Sciences (0)
Guides students through the job search process within the actuarial sciences major. Generally offered during the fall semester. (Formerly ACS 399)
Prerequisite(s): (SBC 199 or SBC 1990) and (SBC 299 or SBC 2990)

ACS 4001 - Review for MFE/3 Exam (1)
Review of materials for the Society of Actuaries MFE/3 exam. Generally offered during the summer semester. (Formerly ACS 401)
Prerequisite(s): (FIN 480 or FIN 4900)

ACS 4550 - Financial Mathematics (3)
Fundamental concepts of financial mathematics. Topics include interest rate, annuities, amortization and sinking funds, bond valuation, and investment return. Replaces APM/ECN 450 Risk Management. (Formerly ACS 450). *Satisfies the university general education requirement for the capstone experience.*
Prerequisite(s): (MTH 254 or MTH 2554) with a grade of 2.0 or higher.
Pre/Corequisite(s): (FIN 422 or FIN 3720) if prerequisite, with a grade of 2.0 or higher.

ACS 4905 - Special Topics in Actuarial Science (1 TO 3)
Intensive study of a selected topic in actuarial sciences. May be repeated a total of three times as long as the topic is different. Generally offered during summer semester. (Formerly ACS 480)
Prerequisite(s): (ACS 450 or ACS 4550)

APM 1663 - Mathematics for Information Technology (4)
Systems of linear equations, matrix algebra and linear transformations. Elementary combinatorics, recursion and induction, sets and relations. Enrollment is limited to students in the Bachelor of Science in Information Technology program or with permission of the department. (APM 163 or APM 1663) cannot be used to replace (APM 263 or APM 2663) or (MTH 275 or MTH 2775). *Satisfies the university general education requirement in the knowledge applications integration area. Prerequisite(s) for knowledge applications integration: Completion of the general education requirement in the formal reasoning knowledge foundation area or in the natural science and technology knowledge exploration area. (Formerly APM 163)*
Prerequisite(s): (MTH 122 or MTH 1222) with a grade of 2.0 or higher or (MTH 154 or MTH 1554) with a grade of 2.0 or higher.

APM 2555 - Introduction to Differential Equations with Matrix Algebra (4)
Introduction to ordinary differential equations, Laplace transforms, linear systems, matrices, vectors, independence, Eigenvalues and eigenvectors, and applications. Replaces (APM 257-ended) and students cannot receive credit for both (APM 255 or APM 2555) and (APM 257-ended). (Formerly APM 255)
Prerequisite(s): (MTH 155 or MTH 1555) with a grade of 2.0 or higher.

APM 2559 - Introduction to Differential Equations (4)
Introduction to ordinary differential equations, solutions of exact, homogeneous, linear and separable differential equations first-order and second-order systems of differential equations, numerical methods, equilibrium solutions, stability and applications. Students cannot receive credit for both (APM 255 or APM 2555) and (APM 2559).
Prerequisite(s): (MTH 155 or MTH 1555) and (MTH 275 or MTH 2775), each with a grade of 2.0 or higher.

APM 2663 - Discrete Mathematics (4)
Concepts and methods of discrete mathematics with an emphasis on their application to computer science. Logic and proofs, sets and relations, algorithms, induction and recursion, combinatorics, graphs and trees. (Formerly APM 263)
Prerequisite(s): (MTH 155 or MTH 1555) with a grade of 2.0 or higher.

APM 3332 - Applied Matrix Theory (4)
Eigenvalues, eigenvectors and their applications, matrix calculus, linear differential equations, Jordan canonical forms, and quadratic forms. Time will also be spent on various computational techniques. (Formerly APM 332)
Prerequisite(s): (MTH 275 or MTH 2775) with grade of 2.0 or higher.

APM 3430 - Theory of Computation (4)
Formal models of computation, ranging from finite state automata to Turing machines. The computational models are used to discuss the languages recognized by these machines and address issues of computability. Identical with (CSE 343 or CSI 3430). (Formerly APM 381).
Prerequisite(s): (APM 367 or APM 3610) with a grade of 2.0 or higher.

APM 3557 - Elements Partial Differential Equations (4)
Partial differential equations of physics, Fourier methods, Laplace transforms, orthogonal functions, initial and boundary value problems, and numerical methods. (Formerly APM 357)
Prerequisite(s): (MTH 254 or MTH 2554) with a grade of 2.0 or higher and (APM 255 or APM 2555) with a grade of 2.0 or higher or (APM 257) with a grade of 2.0 or higher.

APM 3610 - Design and Analysis of Algorithms (4)
Computer algorithms, their design and analysis. Strategies for constructing algorithmic solutions, including divide-and-conquer dynamic programming and greedy algorithms. Development of algorithms for parallel and distributed architectures. Computational complexity as it pertains to time and space is used to evaluate the algorithms. A general overview of complexity classes is given. Identical with (CSE 361 or CSI 3610). (Formerly APM 367)
Prerequisite(s): (CSE 231 or CSI 2310) and (APM 263 or APM 2663) with a grade of 2.0 or higher.

APM 4333 - Numerical Methods (4)
Propagation of errors, approximation and interpolation, numerical integration, methods for the solution of equations, Runge-Kutta and predictor-corrector methods. Offered fall of even-numbered years. (Formerly APM 433)
Prerequisite(s): (MTH 275 or MTH 2775) with a grade of 2.0 or higher, (APM 255 or APM 2555) with a grade of 2.0 or higher and knowledge of a scientific programming language, or permission of the instructor.

APM 4334 - Applied Numerical Methods: Matrix Methods (4)
Systems of linear equations, Gaussian elimination, LU factorization, approximation and curve fitting, Eigenvalue problems, and nonlinear systems. Offered winter of odd-numbered years. (Formerly APM 434)
Prerequisite(s): (MTH 254 or MTH 2554) with a grade of 2.0 or higher, (MTH 275 or MTH 2775)with a grade of 2.0 or higher and knowledge of a scientific programming language, or permission of the instructor.

APM 4550 - Risk Management (3)
Review of interest rate theory, probability theory, and probability distributions. Development of a variety of actuarial and risk models such as contingent payment models; life contingency models; frequency, severity and aggregate claims models. Risk metrics such as standard deviation and Value at Risk (VAR) are explored. Identical with (ECN 450 or ECN 4500). *Satisfies the university general education requirement for the capstone experience. (Formerly APM 450)*
Prerequisite(s): (FIN 322 or FIN 3220), (ACC 301 or ACC 3010) and (STA 427 or STA 4227), each with a grade of 2.0 or higher.

APM 4555 - Intermediate Ordinary Differential Equations (4)
Review of elementary techniques, existence and uniqueness theory, series methods, systems of equations, oscillation and comparison theorems, Sturm-Liouville theory, stability theory and applications. (Formerly APM 455)
Prerequisite(s): (APM 255 or APM 2555) with a grade of 2.0 or higher and (MTH 452 or MTH 4552) with a grade of 2.0 or higher.

APM 4663 - Graph Theory and Combinatorial Mathematics (4)
Introduction to combinatorics. Topics include techniques of enumeration, fundamental concepts of graph theory, applications to transport networks, matching theory and block design. Offered every fall. (Formerly APM 463)
Prerequisite(s): (MTH 275 or MTH 2775) with a grade of 2.0 or higher and (APM 263 or APM 2663) with a grade of 2.0 or higher.

APM 4777 - Computer Algebra (4)
The mathematics and algorithms for symbolic computation. Includes theory of algebraic extensions, modular and p-adic methods, Groebner bases, factorization and zeros of polynomials, solutions to systems of polynomial equations, applications to automatic geometric theorem proving and closed form solutions to differential equations. (Formerly APM 477)
Prerequisite(s): (MTH 275 or MTH 2775) with a grade of 2.0 or higher and knowledge of a scientific computer programming language, or permission of instructor.

APM 4905 - Special Topics (2 OR 4)
Advanced study of a selected topic in applied mathematics. May be repeated for additional credit.(Formerly APM 405).
Prerequisite(s): permission of instructor.

APM 4996 - Independent Study (2 OR 4)
Reading or research on some topic in applied mathematics. May be repeated for additional credit. (Formerly APM 490)
Prerequisite(s): Permission of department.

MOR 2442 - Elementary Models in Operations Research (4)
Basic techniques in deterministic modeling, Linear, combinatorial, and nonlinear models of real life applications are constructed, solved with optimization software and critically analyzed. Substantial writing component. (Formerly MOR 242)
Prerequisite(s): (MTH 155 or MTH 1555) with a grade of 2.0 or higher.

MOR 3330 - Engineering Operations Research (3)
Introduction to operations research models used in decision making and system performance evaluation. Topics include linear programming including simplex method and duality theory, integer linear programming, the assignment and transportation problems, network flows, and dynamic programming. Cross listed with (ISE 330 or ISE 3330). (Formerly MOR 330)
Prerequisite(s): (MTH 155 or MTH 1555) with a grade of 2.0 or higher and a 2000 level APM/MTH class.

MOR 3331 - Mathematical Models in Operations Research (1)
Operations research models of real life applications are constructed, solved with optimization software and critically analyzed. Substantial writing component. To be taken with (MOR 330 or MOR 3330). (Formerly 331)
Corequisite(s): (MOR 330 or MOR 3330)

MOR 4554 - Linear and Integer Optimization (4)
Topics include linear and integer programming models, simplex method, complementary slackness, duality, sensitivity analysis, interior point methods systems of alternatives and branch-price-cut. (Formerly MOR 454)
Prerequisite(s): (MTH 254 or MTH 2554) with a grade of 2.0 or higher and (MTH 302 or MTH 3002) with a grade of 2.0 or higher.

MOR 4555 - Nonlinear Optimizations (4)
Topics include nonlinear programming, convex programming, unconstrained optimization, first and second order conditions, constrained optimization, KKT conditions, quadratic programming and separable convex programming. (Formerly MOR 455)
Prerequisite(s): (MOR 454 or MOR 4554) with a grade of 2.0 or higher.

MOR 4556 - Stochastic Models in Operations Research (4)
Stochastic processes including Markov chains with applications to the development and analysis of queuing models. Further topics drawn from such areas as reliability, decision analysis, stochastic inventory control and simulation. (Formerly MOR 456)
Prerequisite(s): (MTH 254 or MTH 2554) with a grade of 2.0 or higher and (MTH 275 or MTH 2775) with a grade of 2.0 or higher and (STA 226 or STA 2226) with a grade of 2.0 or higher.

MTE 2110 - Mathematics for Elementary Education I (4)
Mathematical problem solving; logic and sets; whole numbers and operations, number theory, extensions to integers, fractions, decimals, percents, real numbers; proportional reasoning. (Formerly MTE 210)
Prerequisite(s): (MTH 062 or MTH 0662) with a grade of 2.0 or higher or placement.

MTE 2111 - Mathematics for Elementary Education II (4)
Introduction to probability and statistics; concepts from two- and three-dimensional geometry, constructions, geometric reasoning, congruence, similarity, area, volume, isometries, size transformations. *Satisfies the university general education requirement in the formal reasoning knowledge foundation area. (Formerly MTE 211)*
Prerequisite(s): (MTE 210 or MTE 2110) with a grade of 2.0 or higher.

MTE 3118 - Advanced Topics in Mathematics for Elementary Education (4)
Advanced study of topics in (MTE 210 or MTE 2110) and (MTE 211 or MTE 2111), with an emphasis on the Common Core Standards of Mathematical Practice. (Formerly MTE 318)
Prerequisite(s): (MTE 211 or MTE 2111) and (MTH 141 or MTH 1441), each with a grade of 2.0 or higher.

MTE 4110 - Elementary School Mathematics and the Computer (4)
An introduction to creative uses of computers in teaching mathematics in the elementary school, including program design, machine architecture, and the BASIC and LOGO computing languages. Enrollment is limited to elementary education majors. (Formerly MTE 410)
Prerequisite(s): (MTE 211 or MTE 2111) and (STA 225 or STA 2220) with a grade of 2.0 or higher.

MTE 4905 - Special Topics (2 OR 4)
Study of mathematical topics particularly relevant for prospective teachers of elementary and middle school mathematics. May be repeated for additional credit. (Formerly MTE 405)
Prerequisite(s): (MTE 211 or MTE 2111) with a grade of 2.0 or higher or permission of instructor.

MTH 0661 - Elementary Algebra (4)
Order of operations; algebra of exponents; variable expressions; linear equations and inequalities in one variable; graphing and lines; linear systems of equations in two and three variables; polynomial arithmetic; factoring; solving equations by factoring; applications and problem solving.(Formerly MTH 061)

MTH 0662 - Intermediate Algebra (4)
Rational expressions; radicals and rational exponents; solving rational and radical equations, quadratic equations; introduction to functions and their graphs; exponential and logarithmic functions; applications and problem solving. (Formerly MTH 062)
Prerequisite(s): (MTH 061 or MTH 0661) with a grade of 2.0 or higher or placement exam.

MTH 1118 - Mathematical Sciences in the Modern World (4)
Designed for students without an extensive mathematics background who wish to explore the ways people use mathematical sciences to solve problems that arise in modern society. *Satisfies the university general education requirement in the formal reasoning knowledge foundation area. (Formerly MTH 118)*

MTH 1221 - Linear Programming Elementary Functions (4)
Systems of equations, matrices, and linear programming (simplex method); rational, exponential and logarithmic functions. *Satisfies the university general education requirement in the formal reasoning knowledge foundation area. (Formerly MTH 121)*
Prerequisite(s): (MTH 062 or MTH 0662) with a grade of 2.0 or higher or placement.

MTH 1222 - Calculus for the Social Sciences (4)
The basic concepts, theorems and applications to the social sciences of the differential and integral calculus of one and several variables. *Satisfies the university general education requirement in the formal reasoning knowledge foundation area. (Formerly MTH 122)*
Prerequisite(s): (MTH 121 or MTH 1221) with a grade of 2.0 or higher or (MTH 141 or MTH 1441) with a grade of 2.0 or higher or placement.

MTH 1441 – Precalculus (4)
Functions, roots of polynomials, rational, exponential and logarithmic functions, trigonometric functions (including graphs, identities, inverse functions, equations and applications), complex numbers, analytic geometry and conic sections. (Formerly MTH 141)
Prerequisite(s): (MTH 062 or MTH 0662) with a grade of 2.0 or higher or placement.

MTH 1554 - Calculus I (4)
A detailed study of limits, continuity, derivatives of algebraic and transcendental functions, applications of derivatives, numerical techniques, integrals and the Fundamental Theorem of Calculus. *Satisfies the university general education requirement in the formal reasoning knowledge foundation area. (Formerly MTH 154)*
Prerequisite(s): (MTH 141 or MTH 1441) with a grade of 2.0 or higher or placement.

MTH 1555 - Calculus II (4)
A detailed study of methods of integration, applications of the integrals, improper integrals, sequences, series and power series, polar coordinates, and parametric curves. *Satisfies the university general education requirement for the knowledge applications integration area. Prerequisites for knowledge applications: completion of the university general education requirement in the formal reasoning knowledge foundation area. (Formerly MTH 155)*
Prerequisite(s): (MTH 154 or MTH 1554) with a grade of 2.0 or higher.

MTH 2554 - Multivariable Calculus (4)
A study of vectors, polar coordinates, three-dimensional geometry, differential calculus of functions of several variables, exact differential equations, multiple integrals, line and surface integrals, and vector fields. (Formerly MTH 254)
Prerequisite(s): (MTH 155 or MTH 1555) with a grade of 2.0 or higher.

MTH 2775 - Linear Algebra (4)
Study of general vector spaces, linear systems of equations, linear transformations and compositions, Eigenvalues, eigenvectors, diagonalization, modeling and orthogonality. Provides a transition to formal mathematics. (Formerly MTH 275)
Prerequisite(s): (MTH 155 or MTH 1555) with a grade of 2.0 or higher.

MTH 2905 - Special Topics (2 OR 4)
Intermediate study of a selected topic in mathematics. May be repeated for additional credit.(Formerly MTH 205)

MTH 2996 - Independent Study (2 OR 4)
Reading or research on some mathematical topic. May be repeated for additional credit. (Formerly MTH 290)
Prerequisite(s): permission of department.

MTH 3001 - Putnam Seminar (2)
This seminar meets one evening per week. Students solve and present solutions to challenging mathematical problems in preparation for the William Lowell Putnam Mathematical Competition, a national undergraduate mathematics competition. May be repeated three times for additional credit.(Formerly MTH 301)
Prerequisite(s): permission of instructor.

MTH 3002 - Introduction to Advanced Mathematical Thinking (4)
The propositional and predicate calculus, set theory, methods of mathematical proof, inductive and recursive thinking, relations and functions, infinity. Emphasis is on rigorous proofs of mathematical statements. Offered every fall. (Formerly MTH 302)
Prerequisite(s): (MTH 275 or MTH 2775) with a grade of 2.0 or higher or (APM 263 or APM 2663)with a grade of 2.0 or higher or permission of department.

MTH 3552 - Complex Variables (4)
A study of analytic functions of a complex variable including differentiation and integration, series representations, the theory of residues and applications. (Formerly MTH 352)
Prerequisite(s): (MTH 254 or MTH 2554) with a grade of 2.0 or higher.

MTH 4114 - History of Mathematics (4)
Mathematics from ancient to modern times, its growth, development and place in human culture. Offered every winter. *Satisfies the university general education requirement for the capstone experience. Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly MTH 414)*
Prerequisite(s): (MTH 302 or MTH 3002) with a grade of 2.0 or higher.

MTH 4115 - Foundations of Mathematics: Mathematical Logic and Set Theory (4)
An examination of the logical foundations of mathematics including analysis of the axiomatic method, basic set theory, cardinal and ordinal numbers, and the axiom of theory. (Formerly MTH 415)
Prerequisite(s): (MTH 302 or MTH 3002) with a grade of 2.0 or higher.

MTH 4552 - Advanced Calculus I (4)
The topology of the real number line and of n-dimensional Euclidean space, continuity and uniform continuity, derivatives, the Riemann integral, sequences and series, uniform convergence. Offered every fall. (Formerly MTH 452)
Prerequisite(s): (MTH 254 or MTH 2554), (MTH 275 or MTH 2775) and (MTH 302 or MTH 3003)with a grade of 2.0 or higher in each course, or permission of department.

MTH 4553 - Advanced Calculus II (4)
Improper integrals, derivatives and integrals in n-dimensional Euclidean space, implicit and inverse function theorems, differential geometry and vector calculus, and Fourier series. Offered every winter. (Formerly MTH 453)
Prerequisite(s): (MTH 452 or MTH 4552) with a grade of 2.0 or higher.

MTH 4661 - General Topology (4)
A study of topological spaces and continuous functions. Separation and countability properties, connectedness, compactness and local properties. (Formerly MTH 461)
Prerequisite(s): (MTH 302 or MTH 3002) with a grade of 2.0 or higher.

MTH 4662 - Geometric Structures (4)
A study of topics from Euclidean geometry, projective geometry, non-Euclidean geometry and transformation geometry. Offered every fall. (Formerly MTH 462)
Pre/Corequisite(s): (MTH 302 or MTH 3002) with grade of 2.0 or higher or permission of department.

MTH 4665 - Differential Geometry (4)
Theory of curves and surfaces in Euclidean space with an introduction to the theory of matrix Lie groups. (Formerly MTH 465)
Prerequisite(s): (MTH 453 or MTH 4553) with a grade of 2.0 or higher.

MTH 4772 - Number Theory with Cryptography (4)
Structure of the integers, prime factorization, congruences, multiplicative functions, primitive roots and quadratic reciprocity, and selected applications including cryptography. (Formerly MTH 472)
Prerequisite(s): (MTH 302 or MTH 3002) with a grade of 2.0 or higher.

MTH 4775 - Abstract Algebra I (4)
Groups, subgroups, cossets, homomorphisms, quotient groups, rings and ideals; field extensions and geometric constructions.(Formerly MTH 475)
Prerequisite(s): (MTH 275 or MTH 2775) and (MTH 302 or MTH 3002) with a grade of 2.0 or higher or permission of department.

MTH 4776 - Abstract Algebra II (4)
Polynomial rings, irreducibility of polynomials, field theory, solving polynomial equations, introduction to Galois theory and applications. (Formerly MTH 476)
Prerequisite(s): (MTH 475 or MTH 4775) with a grade of 2.0 or higher.

MTH 4905 - Special Topics (2 OR 4)
Advanced study of a selected topic in mathematics. May be repeated for additional credit. (Formerly MTH 405).
Prerequisite(s): permission of instructor.

MTH 4996 - Independent Study (2 OR 4)
Reading or research on some mathematical topic. May be repeated for additional credit. (Formerly MTH 490)
Prerequisite(s): permission of department.

MTH 4997 - Apprentice College Teaching (2 OR 4)
Open to any well-qualified junior or senior who obtains consent of a faculty member to assist in presenting a regular college course. The apprentice should be capable of assuming limited classroom teaching duties. May be repeated for additional credit. Graded S/U. (Formerly MTH 497)
Prerequisite(s): permission of department.

STA 2220 - Introduction to Statistical Concepts and Reasoning (4)
Statistical ideas and thinking relevant to public policy, quality improvement, and physical and social sciences. Data collection and presentation; association; normal distribution; probability and simulation; and confidence intervals, p-values, and hypothesis testing. *Satisfies the university general education requirement in the formal reasoning knowledge foundation area. (Formerly STA 225)*
Prerequisite(s): (MTH 062 or MTH 0662) with a grade of 2.0 or higher or placement.

STA 2221 - Introduction to Statistical Methods (4)
Introduction to statistical thinking and applications to industrial and similar processes. Descriptive statistics, distributions, and probability models useful in process control and systems reliability; confidence intervals, hypothesis testing, regression, and basic experimental design. Statistical concepts to be reinforced with case studies promoting problem solving skills and statistical thinking. Mathematics and statistics majors cannot use (STA 227 or 2221) to replace (STA 226 or STA 2226). (Formerly STA 227)
Prerequisite(s): (MTH 121 or MTH 1221) with a grade of 2.0 or higher or (MTH 141 or MTH 1441) with a grade of 2.0 or higher or placement.

STA 2222 - Statistical Methods for Biology (4)
Introduction to statistical methods for students in biology and other laboratory sciences. Basic principles of experimental design and data collection. Descriptive statistics, probability models, confidence intervals, hypothesis testing, two- and multi-sample comparisons, regression models, categorical data, nonparametric methods. Mathematics or statistics majors cannot use (STA 228 or STA 2222) to replace (STA 226 or STA 2226). *Satisfies the university general education requirement in the formal reasoning knowledge foundation area. (Formerly STA 228)*
Prerequisite(s): (MTH 141 or MTH 1441) with a grade of 2.0 or higher or placement.

STA 2226 - Applied Probability and Statistics (4)
Introduction to probability and statistics as applied to the physical, biological and social sciences and to engineering. Applications of special distributions and nonparametric techniques. Regression analysis and analysis of variance. *Satisfies the university general education requirement in the formal reasoning knowledge foundation area. (Formerly STA 226)*
Pre/Corequisite(s): (MTH 122 or MTH 1222) with a grade of 2.0 or higher or (MTH 154 or MTH 1554) with a grade of 2.0 or higher.

STA 4002 - Applied Linear Models I (4)
Basic results from probability and statistics, linear regression, model testing and transformations, matrix methods in multiple regression, polynomial regression, indicator variables, basics of experimental design, one-way ANOVA with fixed and random effects. *Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly STA 402)*
Prerequisite(s): (STA 226 or STA 2226), and (APM 255 or APM 2555) or (MTH 275 or MTH 2775), each with a grade of 2.0 or higher, or permission of instructor.

STA 4003 - Applied Linear Models II (4)
Multi-way ANOVA, randomized block and Latin square designs, incomplete blocks, factorial and fractional factorial designs, confounding, response surface methods, random and mixed models, introduction to generalized linear models. (Formerly STA 403)
Prerequisite(s): (STA 402 or STA 4002) with a grade of 2.0 or higher, or permission of instructor.

STA 4224 - Analysis of Categorical Data (4)
Analysis techniques for data obtained by counting responses in different categories. Discrete distributions, goodness of fit, contingency tables, association and agreement measures, log linear and logit models. (Formerly STA 424)
Prerequisite(s): (STA 402 or STA 4002) with a grade of 2.0 or higher, or permission of instructor.

STA 4225 - Elements of Stochastic Processes (4)
Random walk models, Markov chains and processes, birth and death processes, queuing processes, diffusion processes and non-Markov processes. (Formerly STA 425)
Prerequisite(s): (STA 427 or STA 4227) with a grade of 2.0 or higher or permission of instructor; (APM 255 or APM 2555) with a grade of 2.0 or higher recommended.

STA 4226 - Nonparametric Methods (4)
Permutation and rank tests for location and scale, bootstrapping power of competing tests, confidence intervals, nonparametric regression and analysis of variance methods, density estimation. (Formerly STA 426)
Pre/Corequisite(s): (STA 402 or STA 4002) with a grade of 2.0 or higher or (STA 427 or STA 4227) with a grade of 2.0 or higher or permission of instructor.

STA 4227 - Introduction to Mathematical Statistics I (4)
The distribution of random variables, conditional probability and stochastic independence, special distributions, functions of random variables. (Formerly STA 427)
Prerequisite(s): (STA 226 or STA 2226), (MTH 254 or MTH 2554), (MTH 275 or MTH 2775), each with a grade of 2.0 or higher.

STA 4228 - Introduction to Mathematical Statistics II (4)
Interval estimation, sufficient statistics and completeness, point estimation, tests of hypothesis and analysis of variance. *Satisfies the university general education requirement for the capstone experience. (Formerly STA 428)*
Prerequisite(s): (STA 427 or STA 4227) with a grade of 2.0 or higher.

STA 4330 - Time Series I (4)
Introduction to and characteristics of autoregressive moving average models; autocorrelation functions, modeling, estimation and forecasting; deterministic and stochastic trends and seasonality; forecasting from regression, spectral analysis, multivariate models, GARCH models, applications to actuarial, financial, economic, and other data sets.
Prerequisite(s): (STA 427 or STA 4227), and (STA 402 or STA 4002) or (ECN 405 or ECN 4050), each with a grade of 2.0 or higher.

STA 4905 - Special Topics (2 OR 4)
Advanced study of a selected topic in statistics. May be repeated for additional credit. (Formerly STA 405)
Prerequisite(s): permission of instructor.

STA 4996 - Independent Study (2 OR 4)
Reading or research on some statistical topic. May be repeated for additional credit. (Formerly STA 490)
Prerequisite(s): permission of department.

Department of Modern Languages and Literatures

372 O'DOWD HALL
(248) 370-2060
Fax: (248) 370-4208

Department Website

Chairperson: *Jennifer Law-Sullivan*

Distinguished professors emeriti: *Jack R. Moeller, Munibur Rahman, Amitendranath Tagore*

Professors emeriti: *John W. Barthel (German), Dolores Burdick (French), Carlo Coppola (Hindi-Urdu), Renate Gerulaitis (German), Don R. Iodice (French), David Jaymes (French), Barbara Mabee (German), Frances Meuser (Spanish), Estela Moreno-Mazzoli (Spanish), Munibur Rahman (Hindi-Urdu), Robert E. Simmons (German), Amitendranath Tagore (Chinese), Carmen Urla (Spanish)*

Professor: *Christopher Clason, (German)*

Associate professors: *Adolfo Campoy-Cubillo (Spanish), Hsiang-Hua Chang (Chinese), Stephen Filler (Japanese), Stacey L. Hahn (French), Mary Hartson (Spanish), Jennifer Law-Sullivan (French), Seigo Nakao (Japanese), Aldona Bialowas Pobutsky (Spanish), Ronald F. Rapin (Spanish), Maria Cecilia Saenz-Roby (Spanish)*

Assistant professors: *Akiko Kashiwagi-Wood (Japanese), Daniel Lorca (Spanish), Raquel Prieta (Spanish), Anja Wieden (German)*

Adjunct associate professor: *Malik Balla (Arabic)*

Special instructors: *Dikka Berven (French), Julia Urla (Spanish)*

Special lecturers: *Yukiko Aigbedo (Japanese), Elizabeth Cardozo Anderson (Spanish), Bernadette Donohue (French), Jamila Doppke (French), Fátima Ferreira (Spanish), Tara Gardner (Spanish), Dunya Mikhail (Arabic), Angela Milliken (Spanish), Caterina Pieri (Italian), Michele Plattenberger (Japanese), Maria Ploof (Spanish), José Saenz (Spanish), Cornelia Schaible (German), Mayra Schmalzried (Spanish), Wendy Shyu (Chinese), Emily Stow (French & Spanish), Ulrike Treder (German), Grzegorz Tokarski (Italian), Holly Walker-Cote´ (Spanish)*

Lecturers: *Anna Alexander-Marczewski (German), Maria Alicandro (Spanish), Shubhangi Dabak (German), Tanita Ey (German), Fernanda Galvadon (Spanish), Masako Hirokawa (Japanese), Xue Jiang (Chinese), Nira Lev (Hebrew), Christine Mouawad-Azzi (French), Maissa Saker (French), Eyda Vaughn (Spanish)*

Chief adviser: *Ronald F. Rapin*

The Department of Modern Languages and Literatures offers programs leading to the Bachelor of Arts degree. The modern languages curriculum is designed to help students acquire competence in the language of a given country or countries and, through the study of literature and civilization, to acquaint them with the cultural background of the country or countries. It also prepares students for graduate work, teaching and careers in business or government service. The department houses an interactive video, audio and computer language-technology facility, in which students have access to a broad variety of tutorials, exercises and multimedia activities supporting their classroom learning experiences.

Students may wish to investigate the advantages of combining a knowledge of foreign languages and cultures with competence in other fields. Study of a foreign language and culture is an important asset for students with majors such as business, communication, computer science, economics, international management, international studies and journalism. Knowledge of a foreign language also enhances the study of other disciplines, such as anthropology, art, cinema studies, education, English, health sciences, history, integrative studies, liberal studies, linguistics, music, philosophy, political science, pre-law, religious studies, sociology, theatre and writing and rhetoric.

Placement Examinations

The Department of Modern Languages and Literatures offers language placement testing in Chinese, French, German, Italian and Spanish year round. Students can take the test using a personal computer or at computer labs in Kresge Library or in the Oakland Center or in the language lab. The test in Chinese, French, German, Italian and Spanish can be accessed on the website *(password: grizzlies1*). For placement in the other languages, please contact the department. Students who enter Oakland University with high school work in Arabic, Chinese, French, German, Italian, Japanese or Spanish must take the appropriate placement test. In case of questions concerning proper placement, students should consult with the department advisers, (248) 370-2060.

Admission to Major Standing

To be eligible for a major in one or more foreign languages, a student must be admitted to major standing by the Department of Modern Languages and Literatures. Normally, a student should apply for major standing at the department office after having attained 56 credits and no later than three semesters before graduation. A student planning to graduate with a Bachelor of Arts degree will be admitted to major standing after completion of 8 credits of language or literature at the 3000 level with a minimum grade point average of 2.80.

Departmental Honors and Scholarships

Departmental honors may be awarded to graduating majors for outstanding achievements. In order to be eligible, students must submit for faculty review a writing project, usually either a research paper or a translation of superior quality, completed in a 400-level course. In addition, students must maintain a grade point average in major courses of at least 3.60 and have taken at least 16 credits of the major at Oakland University. Qualified students who wish to be nominated should contact a full-time faculty member in their major at the start of the semester in which they will graduate.

There are two scholarships specifically for majors in the department. The Don R. Iodice Grant-in-Aid for Foreign Travel is available for majors who will return to Oakland University for a minimum of two full semesters. The Carmine Rocco Linsalata Memorial Scholarship offers one stipend to an incoming

student who intends to major in a foreign language and another to a major with a minimum of 28 credits. The Jack Moeller Gift Fund offers stipends to German majors for study at Oldenburg and for study in German courses at Oakland University. The Betty and Kiichi Usui Scholarship is available to students who have declared a major or minor in Chinese or Japanese. The department also offers the Holzbock Humanities Scholarship. For information, see www.oakland.edu/scholarships.

Study Abroad

Students are encouraged to take advantage of opportunities to study abroad. Students should consult departmental advisers for information on a variety of foreign study opportunities. Students wishing to transfer credits from study abroad programs must arrange for that prior to their departure. Chinese language students interested in studying abroad should contact Professor Hsiang-Hua Chang.

Students majoring or minoring in French wishing to participate in the exchange program with the University of Orléans in France should contact Professor Stacey Hahn. Students majoring or minoring in German wishing to participate in the exchange program with the University of Oldenburg in Germany should contact Professor Christopher Clason. Students may also participate in the Junior Year in Munich Program with Wayne State University.

Japanese language students interested in studying in Japan should contact Professor Seigo Nakao.

Students majoring in Spanish may participate in Study Abroad Programs in Spain and Mexico, administered by the Director of International Education, 160E North Foundation Hall. For further information on these programs, and on other study abroad opportunities, see the International Studies Program section of the catalog.

Certificate in Teaching English as a Second Language

Students may earn a certificate in teaching English as a second language (ESL) by completing the following courses: LIN 2201, ALS 4418 and ALS 4960 or their equivalents. In any case, a student must complete 12 credits in linguistics courses at OU to obtain this certificate. Students interested in earning this certificate should contact an adviser in the Department of Linguistics.

Translation Program

Students qualify for a translation certificate by completing language courses numbered 3550, 4550 and 4800. A 4800 course does not apply toward the major.

Concentration in French Studies

Coordinator: *Stacey Hahn*

The concentration in French studies provides an interdisciplinary understanding of French culture for students not majoring in French. Courses in French language, literature, civilization, art history and history are required. Students should refer to the *Other Academic Options* section for concentration requirements.

The department offers selected courses from this catalog as warranted by student needs and availability of faculty. Specific offerings for each term may be found in the *Schedule of Classes*. Modern Language

courses at the 1140-level satisfy the general education foreign language and culture requirement. Students who place into 1150, 2140 or 2150 may use the credits to satisfy the general education foreign language and culture area.

Programs

- Chinese Language and Civilization Minor
- Chinese Minor
- French Language and Literature Minor
- French Language and Literature, B.A.
- French Minor
- French Studies Concentration
- German Language and Literature Minor
- German Language and Literature, B.A.
- German Minor
- German Studies Minor
- German with a Concentration in German Studies, B.A.
- Japanese Language and Civilization Minor
- Japanese Language and Literature Minor
- Japanese Language and Literature, B.A.
- Japanese Minor
- Latin American Language and Civilization, B.A.
- Modern Language, Elementary Teaching Majors
- Modern Language, Elementary Teaching Minors
- Modern Language, Modified, with Select Majors and Minors
- Modern Language, Secondary Teaching Minors
- Modern Languages and Literatures K-12
- Spanish Language and Literature Minor
- Spanish Language and Literature, B.A.
- Spanish Minor
- Translation Certificate, Modern Languages

- Two Modern Languages, B.A.

Chinese Language and Civilization Minor

Requirements for the liberal arts minor in Chinese language and civilization

Students must complete 20 credits, including

- CHE 2140 - Second Year Chinese I **(4)**
- CHE 2150 - Second Year Chinese II **(4)**
- CHE 3160 - Chinese Conversation **(2)**
- CHE 3180 - Chinese Composition **(2)**
- CHE 3510 - Chinese Civilization **(4)** *
- CHE 3550 - Translation: Chinese **(4)**

The following can qualify as an alternative to CHE 3510:

- CHE 3140 - Advanced Chinese Grammar **(4)**
- CHE 3570 - Chinese Business Communication **(4)**
- CHE 3920 - Directed Readings in Chinese **(4)**
- CHE 4080 - Advanced Chinese Conversation and Reading **(4)**

Required corequisite course

- IS 2100 - Perspectives on China **(4)**

Note

At least 12 credits of those required for the minor in Chinese language and civilization must be taken at Oakland University.

Regression Policy

Students will not receive credit for a lower sequence course after successful completion of a more advanced level course. For example, students will not receive credit for FRH 1140 (or transfer course equivalent) if taken after successful completion of FRH 1150.

Chinese Minor

Requirements for the liberal arts minor in Chinese language

The requirement is a minimum of 20 credits at the 2000 level and above.

Chinese must include courses numbered

- CHE 3140 - Advanced Chinese Grammar (4)
- CHE 3160 - Chinese Conversation (2)
- CHE 3180 - Chinese Composition (2)

And one of the following courses

- CHE 3510 - Chinese Civilization (4)
- CHE 3550 - Translation: Chinese (4)
- CHE 3570 - Chinese Business Communication (4)
- CHE 4080 - Advanced Chinese Conversation and Reading (4)

Note

At least 12 credits of those required for the minor in any of the languages must be taken at Oakland University.

Regression Policy

Students will not receive credit for a lower sequence course after successful completion of a more advanced level course. For example, students will not receive credit for FRH 1140 (or transfer course equivalent) if taken after successful completion of FRH 1150.

French Language and Literature Minor

Requirements for the liberal arts minor in French language and literature

A student planning a minor in the department must apply in the department office, 372 O'Dowd Hall, after consultation with an adviser in the Department of Modern Languages and Literatures.

A minimum of 20 credits at the 2000 level and above, including

- FRH 3700 - Introduction to French Literature (4)
- FRH 3800 - Survey of French Literature (4)

Note

At least 12 credits of those required for the minor in any of the languages must be taken at Oakland University.

Regression Policy

Students will not receive credit for a lower sequence course after successful completion of a more advanced level course. For example, students will not receive credit for FRH 1140 (or transfer course equivalent) if taken after successful completion of FRH 1150.

French Language and Literature, B.A.

Requirements for the liberal arts major in French language and literatures, B.A. program

1. A minimum of 36 credits at the 3000 and 4000 levels in language, culture, and literature, including

- FRH 3120 - French Phonetics and Listening Comprehension **(2)**
- FRH 3140 - French Grammar Review **(4)**
- FRH 3160 - French Conversation **(2)**
- FRH 3180 - French Composition **(2)**
- FRH 3700 - Introduction to French Literature **(4)**
- FRH 3800 - Survey of French Literature **(4)**
- FRH 4080 - Advanced French Conversation **(2)**
- Two 4000 level literature courses **(8)**
- Two electives at the 3000-4000 level **(8)**

2. Two corequisite courses

- FRH 3510 - French Civilization **(4)**
- LIT 1810 - European Literature I **(4)** or LIT 1820 - European Literature II **(4)**

Additional program information

Students planning graduate work are strongly urged to study a second foreign language recommended by the department. At least 16 credits of those required for the major in any of the languages must be taken at Oakland University.

Regression Policy

Students will not receive credit for a lower sequence course after successful completion of a more advanced level course. For example, students will not receive credit for FRH 1140 (or transfer course equivalent) if taken after successful completion of FRH 1150.

Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts and Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

French Minor

Requirements for the liberal arts minor in French

A minimum of 20 credits at the 2000 level and above, including

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- FRH 3140 - French Grammar Review **(4)**
- FRH 3160 - French Conversation **(2)**
- FRH 3180 - French Composition **(2)**

and one of the following

- FRH 3510 - French Civilization **(4)**
- FRH 3550 - Translation into English **(4)**
- FRH 3570 - French Business Communication **(4)**
- FRH 4080 - Advanced French Conversation **(2)**
- FRH 4550 - Translation into French **(4)**

Note

At least 12 credits of those required for the minor in any of the languages must be taken at Oakland University.

Regression Policy

Students will not receive credit for a lower sequence course after successful completion of a more advanced level course. For example, students will not receive credit for FRH 1140 (or transfer course equivalent) if taken after successful completion of FRH 1150.

French Studies Concentration

Coordinator: Stacey Hahn (French)

The concentration in French studies provides an interdisciplinary understanding of French culture for students not majoring in French. Courses in French language, literature, civilization, art history and history are required.

In addition to providing students with a well-rounded background in the area of French studies, this concentration is also useful to students planning graduate work in French history or art history.

The concentration offers selected courses from this catalog as warranted by student needs and availability of faculty. Specific offerings for each term may be found in the Schedule of Classes.

The concentration requires completion of a minimum of 28 credits, including 8 credits in French language and 20 credits in courses conducted in English as follows:

1. Eight credits of French language taken at Oakland University

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Students must achieve minimally at the 215 level. Students who place into FRH 2150 will take FRH 2150 and FRH 3140; if they place higher than FRH 2150, they will take FRH 3140 plus 4 credits in a higher level course.

2. Eight credits from the following courses

- LIT 1810 - European Literature I (4)
- LIT 1820 - European Literature II (4)
- LIT 2905 - Studies in Foreign Film (4)
- ML 3900 - Advanced Study of Topics Related to Foreign Languages and Cultures (2 OR 4)
- LIT 3905 - Topics in Foreign Literature (4) when available
- The courses listed above are conducted in English.

3. Eight credits from the following history courses

- HST 3370 - Europe in the Seventeenth Century (4)
- HST 3375 - Europe in the Eighteenth Century (4)
- HST 3390 - Early Modern France (4)
- Other topic courses in history may be substituted with permission of the concentration coordinator.

4. Four credits in art and art history selected from

- AH 3230 - Gothic Art (4)
- AH 3410 - Nineteenth-Century Art (4)
- AH 3420 - Modern Art 1900-1960 (4)
- Other topic courses in art history may be substituted with permission of the concentration coordinator.

5. Corequisite course selected from the following

- HST 1300 - Introduction to European History Before 1715 (4)
- HST 1400 - Introduction to European History Since 1715 (4)
- Either course satisfies the general education requirement in the western civilization knowledge exploration area.

Additional information

This concentration does not constitute a major. Students must elect a major from those offered by the university. Interested students should develop a program in consultation with the coordinator.

Regression Policy

Students will not receive credit for a lower sequence course after successful completion of a more advanced level course. For example, students will not receive credit for FRH 1140 (or transfer course equivalent) if taken after successful completion of FRH 1150.

German Language and Literature Minor

Requirements for the liberal arts minor in German language and literature

A student planning a minor in the department must apply in the department office, 372 O'Dowd Hall, after consultation with an adviser in the Department of Modern Languages and Literatures.

A minimum of 20 credits at the 2000 level and above, including

- GRM 3710 - Introduction to the Study of German Literature **(4)**
- GRM 3810 - Great Works in German Literature **(4)**

Note

At least 12 credits of those required for the minor in any of the languages must be taken at Oakland University.

Regression Policy

Students will not receive credit for a lower sequence course after successful completion of a more advanced level course. For example, students will not receive credit for FRH 1140 (or transfer course equivalent) if taken after successful completion of FRH 1150.

German Language and Literature, B.A.

Requirements for the liberal arts major in German language and literatures, B.A. program

A minimum of 36 credits at the 3000 and 4000 levels in language, culture, and literature, including

- GRM 3140 - Adv GRM Grammar/Texts/Contexts (4)
- GRM 3160 - German Conversation (2)
- GRM 3180 - German Composition (2)
- GRM 3710 - Introduction to the Study of German Literature (4)
- GRM 3810 - Great Works in German Literature (4)
- GRM 4080 - Advanced German Conversation (4)
- Two 4000 level literature courses (8)
- Two electives at the 3000-4000 level (8)

Two corequisite courses

- GRM 4400 - German Culture II (4)
- LIT 1810 - European Literature I (4) or LIT 1820 - European Literature II (4)

Additional program information

Students planning graduate work are strongly urged to study a second foreign language recommendation by the department. At least 16 credits of those required for the major in any of the languages must be taken at Oakland University.

Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts and Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

Regression Policy

Students will not receive credit for a lower sequence course after successful completion of a more advanced level course. For example, students will not receive credit for FRH 1140 (or transfer course equivalent) if taken after successful completion of FRH 1150.

German Minor

Requirements for the liberal arts minor in German language

A minimum of 20 credits at the 2000 level and above, including

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- GRM 3140 - Adv GRM Grammar/Texts/Contexts **(4)**
- GRM 3160 - German Conversation **(2)**
- GRM 3180 - German Composition **(2)**

And one of the following courses

- GRM 3400 - German Culture I **(4)**
- GRM 3550 - Translation: German **(4)**
- GRM 4080 - Advanced German Conversation **(4)**
- GRM 4550 - Translation into German **(4)**
- GRM 4570 - Business German **(4)**

Note

At least 12 credits of those required for the minor in any of the languages must be taken at Oakland University.

Regression Policy

Students will not receive credit for a lower sequence course after successful completion of a more advanced level course. For example, students will not receive credit for FRH 1140 (or transfer course equivalent) if taken after successful completion of FRH 1150.

German Studies Minor

Requirements for the liberal arts minor in German studies

Students must complete a minimum of 24 credits as follows:

The courses required include

- GRM 3140 - Adv GRM Grammar/Texts/Contexts (4)
- GRM 3160 - German Conversation (2)
- GRM 3180 - German Composition (2)
- GRM 3400 - German Culture I (4)
- GRM 4080 - Advanced German Conversation (4)
- GRM 4400 - German Culture II (4)
- LIT 1810 - European Literature I (4) or LIT 1820 - European Literature II (4)

Note

At least 12 credits of those required for the minor in German Studies must be taken at Oakland University.

Regression Policy

Students will not receive credit for a lower sequence course after successful completion of a more advanced level course. For example, students will not receive credit for FRH 1140 (or transfer course equivalent) if taken after successful completion of FRH 1150.

German with a Concentration in German Studies, B.A.

Requirements for the modified liberal arts major in German with a concentration in German studies, B.A. program

Students must complete a minimum of 28 credits in German beyond the second year and 24 credits in corequisite courses.

The German courses required are

- GRM 3140 - Adv GRM Grammar/Texts/Contexts (4)
- GRM 3160 - German Conversation (2)
- GRM 3180 - German Composition (2)
- GRM 3400 - German Culture I (4)
- GRM 3550 - Translation: German (4)
- GRM 3710 - Introduction to the Study of German Literature (4) or GRM 3810 - Great Works in German Literature (4) GRM 4080 - Advanced German Conversation (4)
- GRM 4400 - German Culture II (4)

Corequisite courses include

- AH 3630 - German Art (4)
- LIT 1810 - European Literature I (4) or LIT 1820 - European Literature II (4)
- MUS 1000 - An Introduction to Music (4)
- PS 3010 - Western Political Thought II (4)

Plus two from among the following

- AH 3320 - Renaissance Art in Northern Europe (4)
- HST 3345 - The Reformation (4)
- HST 3400 - Europe since 1914 (4)
- HST 3480 - Germany since 1740 (4)

Note

At least 16 credits of those required for the major must be taken at Oakland University.

Regression Policy

Students will not receive credit for a lower sequence course after successful completion of a more advanced level course. For example, students will not receive credit for FRH 1140 (or transfer course equivalent) if taken after successful completion of FRH 1150.

Japanese Language and Civilization Minor

Requirements for the liberal arts minor in Japanese language and civilization

Students must complete 20 credits at the 2000 level and above, including

- JPN 3140 - Advanced Japanese Grammar **(4)**
- JPN 3160 - Japanese Conversation **(4)**
- JPN 3180 - Japanese Composition **(4)**
- JPN 3510 - Japanese Civilization **(4)**

Corequisite course

- IS 2200 - Perspectives on Japan **(4)** (required in addition to the 20 credits in Japanese)

Note

At least 12 credits of those required for the minor in Japanese language and civilization must be taken at Oakland University.

Regression Policy

Students will not receive credit for a lower sequence course after successful completion of a more advanced level course. For example, students will not receive credit for FRH 1140 (or transfer course equivalent) if taken after successful completion of FRH 1150.

Japanese Language and Literature Minor

Requirements for the liberal arts minor in a modern language and literature

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A student planning a minor in the department must apply in the department office, 372 O'Dowd Hall, after consultation with an adviser in the Department of Modern Languages and Literatures. The requirement is a minimum of 20 credits at the 2000 level and above, including

- JPN 3700 - Introduction to Japanese Literature **(4)**
- JPN 4200 - Japanese Literature - Nineteenth and Twentieth Centuries **(4)**

Note

At least 12 credits of those required for the minor in any of the languages must be taken at Oakland University.

Regression Policy

Students will not receive credit for a lower sequence course after successful completion of a more advanced level course. For example, students will not receive credit for FRH 1140 (or transfer course equivalent) if taken after successful completion of FRH 1150.

Japanese Language and Literature, B.A.

Requirements for the liberal arts major in Japanese language and literatures, B.A. program

1. A minimum of 32 credits at the 3000 and 4000 levels in language, culture and literature, including

- JPN 3140 - Advanced Japanese Grammar (4)
- JPN 3180 - Japanese Composition (4)
- JPN 3550 - Translation: Japanese (4)
- JPN 3700 - Introduction to Japanese Literature (4)
- JPN 4200 - Japanese Literature - Nineteenth and Twentieth Centuries (4)

and three courses from

- JPN 3150 - Advanced Japanese Texts and Contexts (4)
- JPN 3160 - Japanese Conversation (4)
- JPN 3510 - Japanese Civilization (4)
- JPN 4080 - Advanced Japanese Conversation and Reading (4)
- JPN 4550 - Advanced Translation from English to Japanese (4)
- JPN 4570 - Business Japanese (4)

2. Two corequisite courses

- IS 2200 - Perspectives on Japan (4)

and one from the following

- IS 3900 - Special Topics in International Studies (4) (when the topic is Japan)
- AH 3010 - Japanese Art (4)
- HST 3870 - Origins of Modern Japan, 1568-1912 (4)
- HST 3875 - Twentieth-Century Japan (4)
- CIN 3905 - Topics in Film (4) (when the topic is Japanese cinema)
- LIT 1000 - Introduction to Asian Literature (4)

- LIT 2905 - Studies in Foreign Film (4) (when the topic is Japanese cinema)
- LIT 3905 - Topics in Foreign Literature (4) (when the topic is Japanese literature)

Additional program information

Students planning graduate work are strongly urged to study a second foreign language recommendation by the department. At least 16 credits of those required for the major in any of the languages must be taken at Oakland University.

Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts and Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

Regression Policy

Students will not receive credit for a lower sequence course after successful completion of a more advanced level course. For example, students will not receive credit for FRH 1140 (or transfer course equivalent) if taken after successful completion of FRH 1150.

Japanese Minor

Requirements for the liberal arts minor in Japanese language

The requirement is a minimum of 20 credits at the 2000 level and above, including

Japanese must include

- JPN 3140 - Advanced Japanese Grammar **(4)**

- JPN 3180 - Japanese Composition **(4)**

And one of the following courses

- JPN 3510 - Japanese Civilization **(4)**
- JPN 3550 - Translation: Japanese **(4)**
- JPN 4080 - Advanced Japanese Conversation and Reading **(4)**
- JPN 4550 - Advanced Translation from English to Japanese **(4)**
- JPN 4570 - Business Japanese **(4)**

Note

At least 12 credits of those required for the minor in any of the languages must be taken at Oakland University.

Regression Policy

Students will not receive credit for a lower sequence course after successful completion of a more advanced level course. For example, students will not receive credit for FRH 1140 (or transfer course equivalent) if taken after successful completion of FRH 1150.

Latin American Language and Civilization, B.A.

Requirements for the liberal arts major in Latin American language and civilization, B.A. program

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1. A minimum of 28 credits in Spanish language and literature courses including

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- SPN 3140 - Spanish Grammar Review (4)
- SPN 3170 - Intermediate Spanish Conversation and Composition (4)
- SPN 3500 - Latin American Civilization (4)
- SPN 3800 - Introduction to Spanish-American Literature (4)

- SPN 4080 - Advanced Spanish Conversation and Composition (4)
- SPN 4880 - Spanish-American Literature before 1888 (4) or SPN 4890 - Spanish-American Literature after 1888 (4)
- 4 elective credits at the 3000-4000 level (4)

2. A minimum of 12 credits in Latin American studies courses

These courses should be chosen in consultation with the faculty adviser.

Note

At least 16 credits of the Spanish courses required for the major in Latin American language and civilization must be taken at Oakland University.

Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts and Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

Regression Policy

Students will not receive credit for a lower sequence course after successful completion of a more advanced level course. For example, students will not receive credit for FRH 1140 (or transfer course equivalent) if taken after successful completion of FRH 1150.

Modern Language, Elementary Teaching Majors

Requirements for an elementary teaching major in a modern language

The requirement for an elementary teaching major in a modern language is a minimum of 32 credits.

French requires

- FRH 3140 - French Grammar Review (4)
- FRH 3160 - French Conversation (2)
- FRH 3180 - French Composition (2)
- FRH 3510 - French Civilization (4)
- FRH 3700 - Introduction to French Literature (4)
- FRH 3800 - Survey of French Literature (4)
- 12 elective credits at the 3000-4000 level

German requires

- GRM 3140 - Adv GRM Grammar/Texts/Contexts (4)
- GRM 3160 - German Conversation (2)
- GRM 3180 - German Composition (2)
- GRM 3710 - Introduction to the Study of German Literature (4)
- GRM 3810 - Great Works in German Literature (4)
- GRM 4400 - German Culture II (4)
- 12 elective credits at the 3000-4000 level

Japanese requires

- JPN 3140 - Advanced Japanese Grammar (4)
- JPN 3160 - Japanese Conversation (4)
- JPN 3180 - Japanese Composition (4)
- JPN 3510 - Japanese Civilization (4)
- JPN 3700 - Introduction to Japanese Literature (4)

- JPN 4080 - Advanced Japanese Conversation and Reading (4)
- IS 2200 - Perspectives on Japan (4)
- 4 elective credits at the 3000-4000 level

Spanish requires

- SPN 3140 - Spanish Grammar Review (4)
- SPN 3170 - Intermediate Spanish Conversation and Composition (4)
- SPN 3500 - Latin American Civilization (4)
- SPN 3510 - Spanish Civilization (4)
- SPN 3700 - Introduction to Spanish Literature (4)
- SPN 3800 - Introduction to Spanish-American Literature (4)
- SPN 4080 - Advanced Spanish Conversation and Composition (4)
- 4 elective credits at the 3000-4000 level

Note

At least 16 credits of those required for the elementary teaching major in a modern language must be taken at Oakland University.

Additional program information

In addition, an Oral Proficiency Interview (OPI) score of advanced-low (intermediate-high for Japanese and Chinese) and EED 4240 , Methods of Teaching Foreign Language are required. After September 1, 2017, an official ACTFL OPPI rating will be required. Students must consult with the appropriate advisor for teaching majors and minors in the department. For complete details on other requirements, including courses in education, consult the Department of Teacher Development and Educational Studies section in the School of Education and Human Services portion of this catalog.

Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts and Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

Regression Policy

Students will not receive credit for a lower sequence course after successful completion of a more advanced level course. For example, students will not receive credit for FRH 1140 (or transfer course equivalent) if taken after successful completion of FRH 1150.

Modern Language, Elementary Teaching Minors

Requirements for an elementary teaching minor in a modern language

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The requirements for an elementary teaching minor in a modern language is a minimum of 20 credits in one language.

Chinese requires

- CHE 3140 - Advanced Chinese Grammar **(4)**
- CHE 3160 - Chinese Conversation **(2)**
- CHE 3180 - Chinese Composition **(2)**
- CHE 3510 - Chinese Civilization **(4)**
- CHE 3550 - Translation: Chinese **(4)**
- CHE 4080 - Advanced Chinese Conversation and Reading **(4)**

French requires

- FRH 3140 - French Grammar Review **(4)**
- FRH 3160 - French Conversation **(2)**
- FRH 3180 - French Composition **(2)**
- FRH 3510 - French Civilization **(4)**

- FRH 3700 - Introduction to French Literature **(4)**
- 4 credits elective at the 3000-4000 level

German requires

- GRM 3140 - Adv GRM Grammar/Texts/Contexts **(4)**
- GRM 3160 - German Conversation **(2)**
- GRM 3180 - German Composition **(2)**
- GRM 3710 - Introduction to the Study of German Literature **(4)**
- GRM 4400 - German Culture II **(4)**
- 4 credits elective at the 3000-4000 level

Japanese requires

- JPN 3140 - Advanced Japanese Grammar **(4)**
- JPN 3180 - Japanese Composition **(4)**
- JPN 3510 - Japanese Civilization **(4)**
- JPN 3700 - Introduction to Japanese Literature **(4)**
- 4 credits elective at the 3000-4000 level

Spanish requires

- SPN 3140 - Spanish Grammar Review **(4)**
- SPN 3170 - Intermediate Spanish Conversation and Composition **(4)**
- SPN 3510 - Spanish Civilization **(4)**
- SPN 3800 - Introduction to Spanish-American Literature **(4)**
- SPN 4080 - Advanced Spanish Conversation and Composition **(4)**
- 4 credits elective at the 3000-4000 level

Note

At least 12 credits of those required for the elementary teaching minor in a modern language must be taken at Oakland University.

Additional information

In addition, an Oral Proficiency Interview (OPI) score of advanced-low (intermediate-high for Chinese and Japanese), and EED 4240, Methods of Teaching Foreign Language, are required. After September 1, 2017, an official ACTFL OPPI rating will be required. Students must consult with the appropriate advisor for teaching majors and minors in the department. For complete details on other requirements, including courses in education, consult the Department of Teacher Development and Educational Studies section in the School of Education and Human Services portion of this catalog.

Regression Policy

Students will not receive credit for a lower sequence course after successful completion of a more advanced level course. For example, students will not receive credit for FRH 1140 (or transfer course equivalent) if taken after successful completion of FRH 1150.

Modern Language, Modified, with Select Majors and Minors

Requirements for the modified liberal arts major in a modern language with majors or minors in economics, business, international management, engineering, computer science or computing, B.A. program

Modified majors are available in French, German, Japanese and Spanish with majors or minors in economics, general business, international management, engineering, computer science or computing. (Students with majors or minors in one of the other professional schools may petition the department for a modified major.) The requirement in French, Japanese or Spanish is a minimum of 24 credits at the 3000-4000 level; in German it is 28 credits. Students should note the credit hour restriction for the minors in economics or business. At least 16 credits of those required for the modified liberal arts major in a modern language must be taken at Oakland University.

Regression Policy

Students will not receive credit for a lower sequence course after successful completion of a more advanced level course. For example, students will not receive credit for FRH 1140 (or transfer course equivalent) if taken after successful completion of FRH 1150.

Modern Language, Secondary Teaching Minors

Requirements for the secondary teaching minor in a modern language

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The requirement for a secondary teaching minor in a modern language is a minimum of 20 credits in one language.

Chinese requires

- CHE 3140 - Advanced Chinese Grammar (4)
- CHE 3160 - Chinese Conversation (2)
- CHE 3180 - Chinese Composition (2)
- CHE 3510 - Chinese Civilization (4)
- CHE 3550 - Translation: Chinese (4)
- CHE 4080 - Advanced Chinese Conversation and Reading (4)

French requires

- FRH 3140 - French Grammar Review (4)
- FRH 3160 - French Conversation (2)
- FRH 3180 - French Composition (2)
- FRH 3510 - French Civilization (4)
- FRH 3700 - Introduction to French Literature (4)
- Four elective credits at the 3000-4000 level

German requires

- GRM 3140 - Adv GRM Grammar/Texts/Contexts (4)
- GRM 3160 - German Conversation (2)
- GRM 3180 - German Composition (2)
- GRM 3710 - Introduction to the Study of German Literature (4)
- GRM 4400 - German Culture II (4)
- Four elective credits at the 3000-4000 level

Japanese requires

- JPN 3140 - Advanced Japanese Grammar (4)
- JPN 3180 - Japanese Composition (4)
- JPN 3510 - Japanese Civilization (4)
- JPN 3700 - Introduction to Japanese Literature (4)
- Four elective credits at the 300-400 level

Spanish requires

- SPN 3140 - Spanish Grammar Review (4)
- SPN 3170 - Intermediate Spanish Conversation and Composition (4)
- SPN 3510 - Spanish Civilization (4)
- SPN 3800 - Introduction to Spanish-American Literature (4)
- SPN 4080 - Advanced Spanish Conversation and Composition (4)

Note

At least 12 credits of those required for the secondary teaching minor in a modern language must be taken at Oakland University.

Additional Information

An Oral Proficiency Interview (OPI) score of advanced-low (intermediate-high for Japanese and Chinese) and SED 4100, Methods of Teaching Foreign Language are required. After September 1, 2017, an official ACTFL OPPI rating will be required. Students must consult with the appropriate advisor for teaching majors and minors in the department. For complete details on other requirements, including courses in

education, consult the Department of Teacher Development and Educational Studies section in the School of Education and Human Services portion of this catalog.

Regression Policy

Students will not receive credit for a lower sequence course after successful completion of a more advanced level course. For example, students will not receive credit for FRH 1140 (or transfer course equivalent) if taken after successful completion of FRH 1150.

Modern Languages and Literatures K-12

The Secondary Teacher Education Program (STEP) at Oakland University is an extended program of study leading to certification. Students in this program must complete the requirements for a B.A. degree in the College of Arts and Sciences. The department offers the following liberal arts majors as part of the secondary teacher education program: French, German, Japanese and Spanish. Generally, eligibility for admission to the STEP requires a GPA of 3.00 in both the major and minor, and an overall GPA of 2.80. No single major or minor course grade may be below 2.0.

An Oral Proficiency Interview (OPI) score of advanced-low (intermediate-high for Chinese and Japanese) is also required. After September 1, 2017, an official ACTFL OPI rating will be required. Second undergraduate degree candidates completing major and/or minors may be required to complete additional course work at Oakland University beyond the stated minimums.

Complete the French, German, Japanese or Spanish B.A. major requirements

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Complete the following sequence of undergraduate course work in education to include

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- SED 3000 - Introduction to Secondary Education **(4)** (must be completed prior to STEP application)
- DLL 4197 - Digital Technologies in the Secondary Classroom **(4)** or DLL 4196 Digital Technologies in the Elementary Classroom (must be completed prior to the final internship semester)
- RDG 4238 - Teaching Reading in the Content Areas **(4)** (must be completed prior to the final internship semester)
- FE 3010 - Educational Psychology for K-12 Educators **(4)** (must be completed prior to the final internship semester)
- EED 3001 - Managing the Classroom Community for U.S. Diverse Learners **(4)**

- SED 4100 - ST: Teaching Secondary in the Minor Methods **(4)** (must be completed prior to the final internship semester)
- SE 4401 - Introduction to Students with Special Needs **(4)**

Additional program information

Further details on program and admission requirements and procedures can be found in the School of Education and Human Services portion of the catalog and by consulting advisers in the Department of Modern Languages and Literatures and the School of Education and Human Services advising office, 363 Pawley Hall, (248) 370-4182.

Regression Policy

Students will not receive credit for a lower sequence course after successful completion of a more advanced level course. For example, students will not receive credit for FRH 1140 (or transfer course equivalent) if taken after successful completion of FRH 1150.

Spanish Language and Literature Minor

Requirements for the liberal arts minor in Spanish language and literature

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A student planning a minor in the department must apply in the department office, 372 O'Dowd Hall, after consultation with an adviser in the Department of Modern Languages and Literatures. The requirement is a minimum of 20 credits at the 2000 level and above, including

- SPN 3700 - Introduction to Spanish Literature **(4)**
- SPN 3800 - Introduction to Spanish-American Literature **(4)**

Note

At least 12 credits of those required for the minor in any of the languages must be taken at Oakland University.

Regression Policy

Students will not receive credit for a lower sequence course after successful completion of a more advanced level course. For example, students will not receive credit for FRH 1140 (or transfer course equivalent) if taken after successful completion of FRH 1150.

Spanish Language and Literature, B.A.

Requirements for the liberal arts major in Spanish language and literatures, B.A. program

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1. A minimum of 36 credits at the 3000 and 4000 levels in language, culture, and literature, including

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- SPN 3140 - Spanish Grammar Review (4)
- SPN 3170 - Intermediate Spanish Conversation and Composition (4)
- SPN 3700 - Introduction to Spanish Literature (4)
- SPN 3800 - Introduction to Spanish-American Literature (4)
- SPN 4080 - Advanced Spanish Conversation and Composition (4)
- Two 4000-level literature courses (8)
- Two electives at the 3000-4000 level (8)

2. Two corequisite courses

- SPN 3500 - Latin American Civilization (4) or SPN 3510 Spanish Civilization (4)
- LIT 1810 - European Literature I (4) or LIT 1820 European Literature II (4)

One in history or civilization, selected from

- SPN 3500 - Latin American Civilization (4)
- SPN 3510 - Spanish Civilization (4)

plus one of the following

- LIT 1810 - European Literature I (4)
- LIT 1820 - European Literature II (4)

Additional program information

Students planning graduate work are strongly urged to study a second foreign language recommended by the department. At least 16 credits of those required for the major in any of the languages must be taken at Oakland University.

Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts and Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

Regression Policy

Students will not receive credit for a lower sequence course after successful completion of a more advanced level course. For example, students will not receive credit for FRH 1140 (or transfer course equivalent) if taken after successful completion of FRH 1150.

Spanish Minor

Requirements for the liberal arts minor in Spanish language

A minimum of 20 credits at the 2000 and above, including

- SPN 3140 - Spanish Grammar Review (4)

- SPN 3170 - Intermediate Spanish Conversation and Composition (4)

And one of the following courses

- SPN 3500 - Latin American Civilization (4)
- SPN 3510 - Spanish Civilization (4)
- SPN 3550 - Translation: Spanish into English (4)
- SPN 4080 - Advanced Spanish Conversation and Composition (4)
- SPN 4550 - Translation: English into Spanish (4)
- SPN 4570 - Business Spanish (4)

Note

At least 12 credits of those required for the minor in any of the languages must be taken at Oakland University.

Regression Policy

Students will not receive credit for a lower sequence course after successful completion of a more advanced level course. For example, students will not receive credit for FRH 1140 (or transfer course equivalent) if taken after successful completion of FRH 1150.

Translation Certificate, Modern Languages

Students qualify for a translation certificate by completing language courses numbered 3550, 4550 and 4800. A 4800 course does not apply toward the major.

Two Modern Languages, B.A.

Requirements for the liberal arts major in two modern languages, B.A. program

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The requirement is a minimum of 18 credits (20 credits in German and Spanish; 24 credits in Japanese) at the 3000 and 4000 levels in each of two languages. In French, German, Japanese, and Spanish, courses numbered 3140, 3170, 3180, 3550, 4080 and 4550 are required.

Three collateral courses are required: LIN 2201 and two courses in history or civilization, one in each language area, to be approved by the student's department adviser. LIT 1810 and LIT 1820 are recommended. When one of the languages is Japanese, LIT 1000 with LIT 1810 or LIT 1820 are recommended. Students are strongly advised to complete a minor in a complementary field. Most traditional graduate programs in language and literature will require students in this major to fulfill additional prerequisites in literature. At least 16 credits of those required for the major in two modern languages must be taken at Oakland University.

Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts and Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

Regression Policy

Students will not receive credit for a lower sequence course after successful completion of a more advanced level course. For example, students will not receive credit for FRH 1140 (or transfer course equivalent) if taken after successful completion of FRH 1150.

Course Descriptions

ARB 1140 - Introduction to Arabic Language and Culture I (4)
A two-semester sequence in the fundamentals of Arabic and Arabic culture. A beginning course, (ARB 114 or ARB 1140), must be taken first. (ARB 114 or ARB 1140) or (ARB 115 or ARB 1150). (Formerly ARB 114). *Satisfies the university general education requirement in the foreign language and culture knowledge exploration area.*

ARB 1150 - Introduction to Arabic Language and Culture II (4)
A two-semester sequence in the fundamentals of Arabic and Arabic culture. A beginning course, (ARB 114 or ARB 1140), must be taken first. (ARB 114 or ARB 1140) or (ARB 115 or ARB 1150). (Formerly ARB 115). *Satisfies the university general education requirement in the foreign language and culture knowledge exploration area.*

ARB 2140 - Second Year Arabic I (4)
Two-semester sequence continuing the work of (ARB 114 or ARB 1140) and (ARB 115 or ARB 1150), with the addition of cultural and literary readings. (ARB 214 or ARB 2140) must be taken first. (Formerly ARB 214). *(ARB 214 or ARB 2140) or (ARB 215 or ARB 2150) satisfies the university general education requirement in the foreign language and cultural knowledge exploration area or the knowledge applications integration area, not both. Prerequisite for knowledge applications integration: Completion of the university general education requirement in the foreign language and culture knowledge exploration area.*
Prerequisite(s): One year of college Arabic or equivalent.

ARB 2150 - Second Year Arabic II (4)
Two-semester sequence continuing the work of (ARB 114 or ARB 1140) and (ARB 115 or ARB 1150), with the addition of cultural and literary readings. (ARB 214 or ARB 2140) must be taken first. (Formerly ARB 215). *(ARB 214 or ARB 2140) or (ARB 215 or ARB 2150) satisfies the university general education requirement in the foreign language and cultural knowledge exploration area or the knowledge applications integration area, not both. Prerequisite for knowledge applications integration: Completion of the university general education requirement in the foreign language and culture knowledge exploration area.*
Prerequisite(s): One year of college Arabic or equivalent.

ARB 3160 - Arabic Conversation (2)
Practice in speaking at the intermediate level. Format may include oral presentation and phonetics. Must be taken concurrently with (ARB 318 or ARB 3180). (Formerly ARB 316)
Prerequisite(s): (ARB 215 or ARB 2150) or equivalent.

ARB 3180 - Arabic Composition (2)
Practice in written composition using formal literary Arabic. Techniques of textual analysis and exposition are introduced. Must be taken concurrently with (ARB 316 or ARB 3160). (Formerly ARB 318).
Prerequisite(s): (ARB 215 or ARB 2150) or equivalent.

ARB 3510 - Arabic Civilization (4)
Survey of Arabic culture and civilization from topical, literary, and historic perspectives. Conducted in Arabic and English. (Formerly ARB 351)
Prerequisite(s): (ARB 215 or ARB 2150)

ARB 3700 - Arabic Literature (4)
Introduction to Arabic literature with a focus on influences, major trends, themes, and genres. Will provide a foundational knowledge of literature in the Arabic language. Conducted in Arabic and English. (Formerly ARB 370)
Prerequisite(s): (ARB 215 or ARB 2150)

ARB 3920 - Directed Readings in Arabic (2 OR 4)
Directed individual readings in Arabic. May be repeated for a total of 8 credits. (Formerly ARB 390)
Prerequisite(s): Permission of instructor.

CHE 1140 - Introduction to Chinese Language and Culture I (4)
A two-semester sequence in the fundamentals of modern Mandarin Chinese and Chinese culture. A beginning course. (CHE 114 or CHE 1140) must be taken first. (Formerly CHE 114). (CHE 114 or CHE 1140) or (CHE 115 or CHE 1150) s*atisfies the university general education requirement in the foreign language and culture knowledge exploration area.*

CHE 1150 - Introduction to Chinese Language and Culture II (4)
A two-semester sequence in the fundamentals of modern Mandarin Chinese and Chinese culture. A beginning course, (CHE 114 or CHE 1140), must be taken first. (CHE 114 or CHE 1140) or (CHE 115 or CHE 1150) satisfies the university general education requirement in the foreign language and culture knowledge exploration area. (Formerly CHE 115)

CHE 2140 - Second Year Chinese I (4)
A two-semester sequence continuing the work of (CHE 114 or CHE 1140) and (CHE 115 or CHE 1150), with the addition of cultural and literary readings. (CHE 214 or CHE 2140) must be taken first. (Formerly CHE 214). *(CHE 214 or CHE 2140) or (CHE 215 or CHE 2150) satisfies the university general education requirement in the foreign language and cultural knowledge exploration area or the knowledge applications integration area, not both. Prerequisite for knowledge applications integration: completion of the university general education requirement in the foreign language and culture knowledge exploration area.*
Prerequisite(s): one year of college Chinese or equivalent.

CHE 2150 - Second Year Chinese II (4)
A two-semester sequence continuing the work of (CHE 114 or CHE 1140) and (CHE 115 or CHE 1150), with the addition of cultural and literary readings. (CHE 214 or CHE 2140) must be taken first. (Formerly CHE 215). *(CHE 214 or CHE 2140) or (CHE 215 or CHE 2150) satisfies the university general education requirement in the foreign language and culture knowledge exploration area or the knowledge applications integration area, not both. Prerequisite for knowledge applications integration: completion of the university general education requirement in the foreign language and culture knowledge exploration area.*
Prerequisite(s): one year of college Chinese or equivalent.

CHE 3140 - Advanced Chinese Grammar (4)
Review and survey of Chinese grammar and expressions through a variety of approaches, such as reading, translation and composition. Conducted in Chinese. (Formerly CHE 314)
Prerequisite(s): (CHE 215 or CHE 2150) or equivalent.

CHE 3160 - Chinese Conversation (2)
Practice in speaking at intermediate level. Format may include oral presentation and phonetics. Must be taken concurrently with (CHE 318 or CHE 3180). (Formerly CHE 316)
Prerequisite(s): (CHE 215 or CHE 2150) or equivalent.

CHE 3180 - Chinese Composition (2)
Practice in written composition. Techniques of textual analysis and exposition are introduced. Must be taken concurrently with (CHE 316 or CHE 3160). (Formerly CHE 318)
Prerequisite(s): (CHE 215 or CHE 2150) or equivalent.

CHE 3510 - Chinese Civilization (4)
Survey of Chinese culture and civilization from topical, literary and historical perspectives. Conducted in Chinese and English. (Formerly CHE 351)
Prerequisite(s): (CHE 215 or CHE 2150) or equivalent.

CHE 3550 - Translation: Chinese (4)
Translation from Chinese to English of a range of materials from commercial and technical to literary. (Formerly CHE 355)
Prerequisite(s): (CHE 215 or CHE 2150) or equivalent.

CHE 3570 - Chinese Business Communication (4)
Introduction to the essential vocabulary and style specific to Chinese business as well as to China's business environment and the basic workings of its economy. (Formerly CHE 357)
Prerequisite(s): (CHE 215 or CHE 2150) or equivalent.

CHE 3920 - Directed Readings in Chinese (2 OR 4)
Directed individual readings in Chinese. May be repeated.(Formerly CHE 390)
Prerequisite(s): permission of instructor.

CHE 4080 - Advanced Chinese Conversation and Reading (4)
Development of advanced conversational and reading skills. Format will include oral presentations as well as literary and other readings. (Formerly CHE 408)
Prerequisite(s): (CHE 316 or CHE 3160) or permission of instructor.

CHE 4550 - Advanced Translation from English to Chinese (4)
Translation from English to Chinese of a wide variety of texts on such subjects as literature, culture, business, technology, and international affairs.
Prerequisite(s): (CHE 3180 or CHE 318) and (CHE 3550 or CHE 355), or permission of instructor.

CHE 4570 - Advanced Business Chinese (4)
Chinese communication skills in business context and social and cultural knowledge of the Chinese business world in the context of globalization. Comprehensive discussion and analysis on topics such as real case studies of multinational or Chinese companies. Conducted in Chinese.
Prerequisite(s): (CHE 3160 or 316) and (CHE 3180 or 318) or equivalent; (CHE 3570 or 357) recommended.

CHE 4910 - Independent Translation Project (4)
Directed annotated translation from Chinese into English of a major work or works in the student's field.
Prerequisite(s): (CHE 3550 or CHE 355) and permission of instructor.

FRH 1140 - Introduction to French Language and Culture I (4)
A two-semester sequence in the fundamentals of French and French culture. A beginning course. (FRH 114 or FRH 1140) must be taken first.). (Formerly FRH 114). (FRH 114 or FRH 1140) or (FRH 115 or FRH 1150). *satisfies the university general education requirement in the foreign language and culture knowledge exploration area.*

FRH 1150 - Introduction to French Language and Culture II (4)
A two-semester sequence in the fundamentals of French and French culture. A beginning course, (FRH 114 or FRH 1140), must be taken first. (FRH 114 or FRH 1140) or (FRH 115 or FRH 1150) satisfies the university general education requirement in the foreign language and culture knowledge exploration area. (Formerly FRH 115)

FRH 1190 - Accelerated Review of Elementary French and French Culture (4)
One-semester course designed to review the fundamentals of French and French culture. Designed for students who have three or more years of previous French experience.(Formerly FRH 119). Covers the same materials as the two-semester sequence (FRH 114 or FRH 1140)-(FRH 115 or FRH 1150. *Satisfies the university general education requirement in the foreign language and culture knowledge exploration area.*

FRH 2140 - Second Year French I (4)
Two-semester sequence continuing the work of (FRH 114 or FRH 1140)-(FRH 115 or FRH 1150)with the addition of cultural and literary readings. (FRH 214 or FRH 2140) must be taken first. (Formerly FRH 214). *(FRH 214 or FRH 2140) or (FRH 215 or FRH 2150) satisfies the university general education requirement in the foreign language and cultural knowledge exploration area or the knowledge application integration area, not both. Prerequisite for knowledge application integration: completion of the university general education requirement in the foreign language and culture knowledge exploration area.*
Prerequisite(s): one year of college French or equivalent.

FRH 2150 - Second Year French II (4)
Two-semester sequence continuing the work of (FRH 114 or FRH 1140)-(FRH 115 or FRH 1150)with the addition of cultural and literary readings. (FRH 214 or FRH 2140) must be taken first. (Formerly FRH 215). *(FRH 214 or FRH 2140) or (FRH 215 or FRH 2150) satisfies the university general education requirement in the foreign language and culture knowledge exploration area or the knowledge application integration area, not both. Prerequisite for knowledge application integration: completion of the university general education requirement in the foreign language and culture knowledge exploration area.*
Prerequisite(s): One year of college French or equivalent.

FRH 2160 - Basic French Conversation (2)
Designed to develop the student's ability to organize and express ideas in French with a minimum of inhibition. (Formerly FRH 216)
Prerequisite(s): (FRH 115 or FRH 1150)

FRH 3120 - French Phonetics and Listening Comprehension (2)
Group and individual practice in the sound system of French, with special attention to listening comprehension problems. Both written and laboratory work required. Offered fall semester.(Formerly FRH 312)
Prerequisite(s): (FRH 215 or FRH 2150)

FRH 3140 - French Grammar Review (4)
Review of French grammar through a variety of approaches such as reading, translation and composition. Conducted in French. (Formerly FRH 314)
Prerequisite(s): (FRH 215 or FRH 2150)

FRH 3160 - French Conversation (2)
Practice in speaking at intermediate level. Format may include oral presentations and phonetics. Offered winter semester. (Formerly FRH 316)
Prerequisite(s): (FRH 215 or FRH 2150)

FRH 3180 - French Composition (2)
Practice in written composition. Techniques of textual analysis and exposition are introduced. Offered fall semester. *Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly FRH 318)*
Prerequisite(s): (FRH 215 or FRH 2150), (FRH 314 or FRH 3140) highly recommended.

FRH 3510 - French Civilization (4)
An overview of contemporary life, education and socio-economic conditions in France. Conducted in French. Offered in fall semester. (Formerly FRH 351)
Prerequisite(s): (FRH 215 or FRH 2150)

FRH 3550 - Translation into English (4)
Translation from French to English of materials that may range from commercial and technical to literary. Offered winter semester. (Formerly FRH 355)
Prerequisite(s): (FRH 314 or FRH 3140)

FRH 3570 - French Business Communication (4)
Introduction to basic business communication skills, including essential reading, writing and speaking activities. Offered in alternate years. (Formerly FRH 357)
Prerequisite(s): (FRH 314 or FRH 3140)

FRH 3700 - Introduction to French Literature (4)
An introduction to textual analysis based on selected readings. Conducted in French. Offered fall semester. (Formerly FRH 370)
Prerequisite(s): (FRH 215 or FRH 2150), (FRH 314 or FRH 3140) is highly recommended.

FRH 3800 - Survey of French Literature (4)
A survey of French literature. Intended to supplement the work of (FRH 370 or FRH 3700). Conducted in French. Offered winter semester. (Formerly FRH 380)
Prerequisite(s): (FRH 370 or FRH 3700)

FRH 3920 - Directed Readings in French (2 OR 4)
Directed individual readings in French. May be repeated. (Formerly FRH 390)
Prerequisite(s): permission of instructor.

FRH 4080 - Advanced French Conversation (2)
Practice in speaking at an advanced level. Format may include oral presentations and readings. (Formerly FRH 408)
Prerequisite(s): (FRH 316 or FRH 3160)

FRH 4160 - French Literature from the Middle Ages through the Sixteenth Century (4)
A study of works in various genres of several periods. Works and authors may include epics, bawdy tales, courtly romances, Villon, Rabelais and Montaigne. Conducted in French. *Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement. Satisfies the university general education requirement for the capstone experience. (Formerly FRH 416)*
Prerequisite(s): (FRH 314 or FRH 3140), (FRH 370 or FRH 3700) and (FRH 380 or FRH 3800)

FRH 4170 - French Literature - Seventeenth and Eighteenth Centuries (4)
A study of works in various genres by leading French authors such as Pascal, Corneille, Racine, Moliere, La Fontaine, Montesquieu, Diderot, Rousseau and Voltaire. Conducted in French. *Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement. Satisfies the university general education requirement for the capstone experience. (Formerly FRH 417)*
Prerequisite(s): (FRH 314 or FRH 3140), (FRH 370 or FRH 3700) and (FRH 380 or FRH 3800)

FRH 4190 - French Literature - Nineteenth Century (4)
A study of works in various genres by leading French authors such as Stendhal, Balzac, Hugo, Nerval, Flaubert, Zola, Baudelaire and Mallarme. Conducted in French. *Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement. Satisfies the university general education requirement for the capstone experience. (Formerly FRH 419)*
Prerequisite(s): (FRH 314 or FRH 3140), (FRH 370 or FRH 3700) and (FRH 380 or FRH 3800)

FRH 4200 - French Literature - Twentieth Century (4)
Study of contemporary genres demonstrating different approaches to study of works in various genres by leading French and francophone authors from 1900 to the present. May include works by Gide, Proust, Sartre, Beauvoir, Duras, Ionesco, Valery, Conde, Djebar, among others. Conducted in French. *Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement. Satisifes the university general education requirement for the capstone experience. (Formerly FRH 420)*
Prerequisite(s): (FRH 314 or FRH 3140), (FRH 370 or FRH 3700) and (FRH 380 or FRH 3800)

FRH 4550 - Translation into French (4)
Translation from English into French of a wide variety of materials that may range from commercial and technical to literary. Offered fall semester in alternate years. (Formerly FRH 455)
Prerequisite(s): (FRH 314 or FRH 3140), (FRH 316 or FRH 3160), and (FRH 318 or FRH 3180)

FRH 4800 - Independent Translation Project (4 TO 8)
Directed annotated translation from French into English of a major work in the student's field. May not be counted toward the major. (Formerly FRH 491)
Prerequisite(s): (FRH 355 or FRH 3550) and (FRH 455 or FRH 4550) and permission of department.

FRH 4970 - Undergraduate Seminar (2 OR 4)
Study of individual authors, selected themes or critical problems. Conducted in French. (Formerly FRH 480). *Satisfies the university general education requirement in the foreign language and culture knowledge exploration area. Satisfies the university general education requirement for the capstone experience. Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite: completion of the university writing foundation requirement.*
Prerequisite(s): (FRH 314 or FRH 3140), (FRH 370 or FRH 3700) and (FRH 380 or FRH 3800)

FRH 4995 - Independent Reading and Research (2 TO 8)
Directed individual research and reading for advanced French majors. May be repeated. (Formerly FRH 490)
Prerequisite(s): two 4000 level French literature courses and permission of department.

GRM 1140 - Introduction to German Language and Culture I (4)
A two-semester sequence in the fundamentals of German and German culture. A beginning course. (GRM 114 or GRM 1140) must be taken first. (GRM 114 or GRM 1140) or (GRM 115 or GRM 1150). (Formerly GRM 114). *Satisfies the university general education requirement in the foreign language and culture knowledge exploration area.*

GRM 1150 - Introduction to German Language and Culture II (4)
A two-semester sequence in the fundamentals of German and German culture. A beginning course. (GRM 114 or GRM 1140) must be taken first. (GRM 114 or GRM 1140) or (GRM 115 or GRM 1150) satisfies the university general education requirement in the foreign language and cultural knowledge exploration area. (Formerly GRM 115)

GRM 2140 - Second Year German I (4)
A two-semester sequence continuing the work of (GRM 114 or GRM 1140) and (GRM 115 or GRM 1150), with the addition of cultural and literary readings. (GRM 214 or GRM 2140) must be taken first. (Formerly GRM 214). *(GRM 214 or GRM 2140) or (GRM 215 or GRM 2150) satisfies the university general education requirement in the foreign language and culture knowledge exploration area or the knowledge application integration area, not both. Prerequisite for knowledge application integration: completion of the university general education requirement in the foreign language and culture knowledge exploration area.*
Prerequisite(s): one year of college German or equivalent.

GRM 2150 - Second Year German II (4)
A two-semester sequence continuing the work of (GRM 114 or GRM 1140) and (GRM 115 or GRM 1150), with the addition of cultural and literary readings. (GRM 214 or GRM 2140) must be taken first. (Formerly GRM 215). *(GRM 214 or GRM 2140) or (GRM 215 or GRM 2150) satisfies the university general education requirement in the foreign language and culture knowledge exploration area or the knowledge application integration area, not both. Prerequisite for knowledge applications integration: completion of the university general education requirement in the foreign language and culture knowledge exploration area.*
Prerequisite(s): one year of college German or equivalent.

GRM 2920 - Directed Readings in German (2 OR 4)
A reading course for non-majors interested in research in a particular area. Approximately 50 hours of reading per credit; one conference weekly with the instructor. (Formerly GRM 290)
Prerequisite(s): (GRM 215 or GRM 2150)

GRM 3000 - Germany Exchange: Oldenburg I (4 TO 18)
Course work is taken at the University of Oldenburg in Germany and includes German Language study and additional appropriate course work with German as the language of instruction. (Formerly GRM 300)
Prerequisite(s): permission of program coordinator.

GRM 3010 - Intermediate German (4)
Intermediate German (Formerly GRM 301)

GRM 3140 - Adv GRM Grammar/Texts/Contexts (4)
Review and refinement of German grammatical and literary skills with an emphasis on the development of cultural understandings. Offered fall semester. (Formerly GRM 314)
Prerequisite(s): (GRM 215 or GRM 2150) or equivalent.

GRM 3160 - German Conversation (2)
Provides a transition between the carefully structured activities of other intermediate courses and free manipulation of the spoken language. Must be taken concurrently with (GRM 318 or GRM 3180). Offered winter semester. (Formerly GRM 316)
Prerequisite(s): (GRM 314 or GRM 3140) or equivalent.

GRM 3180 - German Composition (2)
Practice in written composition. Techniques of textual analysis and exposition are introduced. Must be taken concurrently with (GRM 316 or GRM 3160). Offered winter semester. (Formerly GRM 318)
Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement.
Prerequisite(s): (GRM 314 or GRM 3140) or equivalent.

GRM 3400 - German Culture I (4)
German culture of the twentieth century, with emphasis on the period since World War II and particularly the present. Conducted in German. Offered fall semester in alternate years. (Formerly GRM 340)
Prerequisite(s): (GRM 314 or GRM 3140) or equivalent.

GRM 3550 - Translation: German (4)
Translation from German to English of a range of materials from commercial and technical to literary, with an emphasis on idiomatic English. Offered fall semester. (Formerly GRM 355)
Prerequisite(s): (GRM 316 or GRM 3160) and (GRM 318 or GRM 3180)

GRM 3710 - Introduction to the Study of German Literature (4)
Introduction to literary genres and critical approaches, using selected works of German literature. Conducted in German. (Formerly GRM 371)
Prerequisite(s): (GRM 215 or GRM 2150)

GRM 3810 - Great Works in German Literature (4)
An historical survey. Conducted in German. (Formerly GRM 381)
Prerequisite(s): (GRM 215 or GRM 2150)

GRM 3920 - Directed Readings in German (2 OR 4)
Directed individual readings in German. May be repeated. (Formerly GRM 390)
Prerequisite(s): permission of instructor.

GRM 3930 - Field Experience in Teaching German in Elementary and Middle Schools (2 OR 4)
Provides supervised experience in teaching German in elementary and middle schools. Graded S/U. May be repeated for credit once. Does not carry credit toward departmental major.(Formerly GRM 369)
Prerequisite(s): (GRM 314 or GRM 3140) or equivalent.

GRM 4000 - Germany Exchange: Oldenburg II (4 TO 18)
Course work is taken at the University of Oldenburg in Germany and includes German language study and additional appropriate course work with German as the language of instruction.(Formerly GRM 400)
Prerequisite(s): permission of program coordinator.

GRM 4080 - Advanced German Conversation (4)
Practice in speaking at the advanced level. Format may include oral presentations and readings. (Formerly GRM 408)
Prerequisite(s): (GRM 316 or GRM 3160) or permission of instructor.

GRM 4130 - German Literature from the Middle Ages through the Seventeenth Century (4)
A study of works in all genres by leading authors of the period including Walter von der Vogelweide, Wolfram von Eschenbach, Gottfried von Strassburg and Grimmelshausen. Conducted in German. (Formerly GRM 413) *Satisfies the university general education requirement for the capstone experience.*
Prerequisite(s): (GRM 371 or GRM 3710) and (GRM 381 or GRM 3810)

GRM 4180 - German Literature - Eighteenth Century (4)
A study of representative works of Lessing, Goethe and Schiller, which exemplify the intellectual and artistic currents of this period. Conducted in German. (Formerly GRM 418) *Satisfies the university general education requirement for the capstone experience.*
Prerequisite(s): (GRM 371 or GRM 3710) and (GRM 381 or GRM 3810)

GRM 4190 - German Literature - Nineteenth Century (4)
A study of works in all genres by leading authors of the period with emphasis on the lyric poetry of Romanticism, the dramas of Kleist, Grillparzer and Hebbel, and the novella of Poetic Realism. Conducted in German. *Satisfies the university general education requirement for the capstone experience. (Formerly GRM 419)*
Prerequisite(s): (GRM 371 or GRM 3710) and (GRM 381 or GRM 3810)

GRM 4200 - German Literature - Twentieth Century (4)
A study of works and movements in various genres from Naturalism to the present by authors such as Schnitzler, Toller, Brecht, Mann, Boll, Wolf, Celan and Kirsch. Conducted in German. *Satisfies the university general education requirement for the capstone experience. (Formerly GRM 420)*
Prerequisite(s): (GRM 371 or GRM 3710) and (GRM 381 or GRM 3810)

GRM 4400 - German Culture II (4)
Culture in history before 1900. The course covers the principal characteristics of culture and civilization generally regarded as important by German-speaking people themselves. Conducted in German. Offered winter semester in alternate years. (Formerly GRM 440)
Prerequisite(s): (GRM 340 or GRM 3400) or reading ability at the fourth-year level.

GRM 4550 - Translation into German (4)
Translation from English into German of a wide variety of materials ranging from commercial and technical to literary. Individual students may emphasize areas of interest. Offered winter semester in alternate years. (Formerly GRM 455)
Prerequisite(s): (GRM 318 or GRM 3180) and (GRM 355 or GRM 3550)

GRM 4570 - Business German (4)
Introduction to the essential vocabulary and style specific to German business as well as to the basic workings of the German economy. All language skills receive equal emphasis. (Formerly GRM 457)
Prerequisite(s): (GRM 316 or GRM 3160) and (GRM 318 or 3180)

GRM 4800 - Independent Translation Project (4 TO 8)
Directed annotated translation from German into English of a major work in the student's field. May not be counted toward the major. (Formerly GRM 491)
Prerequisite(s): (GRM 355 or GRM 3550) and (GRM 455 or GRM 4550) and permission of department.

GRM 4970 - Undergraduate Seminar (2 OR 4)
Study of individual authors, selected themes or critical problems. Conducted in German. *Satisfies the university general education requirement for the capstone experience. (Formerly GRM 480)*
Prerequisite(s): (GRM 371 or GRM 3710) and (GRM 381 or GRM 3810)

GRM 4995 - Independent Reading and Research (2 TO 8)
Directed individual research and reading for advanced German majors. May be repeated.(Formerly GRM 490)
Prerequisite(s): two 4000 level German literature courses and permission of department.

HBR 1140 - Introduction to Hebrew Language and Culture I (4)
A two-semester sequence in the fundamentals of Hebrew and Israeli culture. A beginning course. (HBR 114 or HBR 1140) must be taken first. *Satisfies the university general education requirement in the foreign language and culture knowledge exploration area. (Formerly HBR 114)*

HBR 1150 - Introduction to Hebrew Language and Culture II (4)
A two-semester sequence in the fundamentals of Hebrew and Israeli culture. (HBR 114 or HBR 1140) must be taken first. *Satisfies the university general education requirement in the foreign language and culture knowledge exploration area. (Formerly HBR 115)*

HBR 2140 - Second Year Hebrew I (4)
A two-semester sequence continuing the work of (HBR 114 or HBR 1140) and (HBR 115 or HBR 1150), with the addition of cultural and literary readings. Conducted in Hebrew. (Formerly HBR 214). *(HBR 214 or HBR 2140) satisfies the university general education requirement in the foreign language and culture knowledge exploration area or the knowledge applications integration area, not both. Prerequisite for knowledge applications: completion of the university general education requirement in the foreign language and culture knowledge exploration area.*
Prerequisite(s): One year of college Hebrew or equivalent.

HBR 2150 - Second Year Hebrew II (4)
A two-semester sequence continuing the work of (HBR 114 or HBR 1140) and (HBR 115 or HBR 1150), with the addition of cultural and literary readings. Conducted in Hebrew. (HBR 214 or HBR 2140) must be taken first. *Satisfies the university general education requirement in the knowledge applications integration area. Prerequisite for knowledge applications: completion of the university general education requirement in the foreign language and culture knowledge exploration area. (Formerly HBR 215)*
Prerequisite(s): One year of college Hebrew or equivalent.

IT 1140 - Introduction to Italian Language and Culture I (4)
A two-semester sequence of the fundamentals of Italian and Italian culture. A beginning course. (IT 114 or IT 1140) must be taken first. (Formerly IT 114). *(IT 114 or IT 1140) or (IT 115 or IT 1150) satisfies the university general education requirement in foreign language and culture knowledge exploration area.*

IT 1150 - Introduction to Italian Language and Culture II (4)
A two-semester sequence of the fundamentals of Italian and Italian culture. A beginning course. (IT 114 or IT 1140) must be taken first. (IT 114 or IT 1140) or (IT 115 or IT 1150) satisfies the university general education requirement in the foreign language and culture knowledge exploration area. (Formerly IT 115)

IT 2140 - Second Year Italian I (4)
A two-semester sequence continuing the work of (IT 114 or IT 1140) or (IT 115 or IT 1150) with the addition of cultural and literary readings. (IT 214 or IT 2140) must be taken first. (IT 214 or IT 2140) or (IT 215 or IT 2150) satisfies the university general education requirement in the foreign language and culture knowledge exploration area. (Formerly IT 214).
Prerequisite(s): one year of college Italian or equivalent.

IT 2150 - Second Year Italian II (4)
A two-semester sequence continuing the work of (IT 114 or IT 1140) or (IT 115 or IT 1150) with the addition of cultural and literary readings. (IT 214 or IT 2140) must be taken first. (IT 214 or IT 2140) or (IT 215 or IT 2150) satisfies the university general education requirement in the foreign language and culture knowledge exploration area. (Formerly IT 215)
Prerequisite(s): one year of college Italian or equivalent.

IT 3920 - Directed Readings in Italian (2 OR 4)
Directed individual readings in Italian. May be repeated. (Formerly IT 390)
Prerequisite(s): permission of instructor.

JPN 1140 - Introduction to Japanese Language and Culture I (4)
A two-semester sequence in the fundamentals of Japanese and Japanese culture. A beginning course. (JPN 114 or JPN 1140) must be taken first. (Formerly JPN 114). *(JPN 114 or JPN 1140) or (JPN 115 or JPN 1150) satisfies the university general education requirement in the foreign language and culture knowledge exploration area.*

JPN 1150 - Introduction to Japanese Language and Culture II (4)
A two-semester sequence in the fundamentals of Japanese and Japanese culture. A beginning course. (JPN 114 or JPN 1140) must be taken first. *(JPN 114 or JPN 1140) or (JPN 115 or JPN 1150) satisfies the university general education requirement in the foreign language and culture knowledge exploration area. (Formerly JPN 115)*

JPN 2130 - Practical Japanese: Kanji Characters and Japanese Vocabulary (4)
Fundamental kanji and vocabulary useful for the Japanese Language Proficiency Test N3. Conducted both in Japanese and English.
Prerequisite(s): (JPN 1150 or JPN 115)

JPN 2140 - Second Year Japanese I (4)
A two-semester sequence continuing the work of (JPN 114 or JPN 1140) and (JPN 115 or JPN 1150), with the addition of cultural and literary readings. (JPN 214 or JPN 2140) must be taken first. (Formerly JPN 214). *(JPN 214 or JPN 2140) or (JPN 215 or JPN 2150) satisfies the university general education requirement in the foreign language and culture knowledge exploration area or the knowledge applications integration area, not both. Prerequisite for knowledge applications integration: completion of the university general education requirement in the foreign language and culture knowledge exploration area.*
Prerequisite(s): one year of college Japanese or equivalent.

JPN 2150 - Second Year Japanese II (4)
A two-semester sequence continuing the work of (JPN 114 or JPN 1140) and (JPN 115 or JPN 1150), with the addition of cultural and literary readings. (JPN 214 or JPN 2140) must be taken first. (Formerly JPN 215). *(JPN 214 or JPN 2140) or (JPN 215 or JPN 2150) satisfies the university general education requirement in the foreign language and culture knowledge exploration area or the knowledge applications integration area, not both. Prerequisite for knowledge applications integration: completion of the university general education requirement in the foreign language and culture knowledge exploration area.*
Prerequisite(s): one year of college Japanese or equivalent.

JPN 3140 - Advanced Japanese Grammar (4)
Review of advanced Japanese grammar and expressions through such methods as translation, reading, and composition. (Formerly JPN 314)
Prerequisite(s): (JPN 215 or JPN 2150) or equivalent.

JPN 3150 - Advanced Japanese Texts and Contexts (4)
Refinement of Japanese grammatical, reading and conversational skills with an emphasis on the development of cultural understanding. (Formerly JPN 315)
Prerequisite(s): (JPN 314 or JPN 3140)

JPN 3160 - Japanese Conversation (4)
Develops skills in speaking at the intermediate level in formal and informal contexts, emphasizing important topics in Japanese culture and society. (Formerly JPN 316)
Prerequisite(s): (JPN 2150 or JPN 215).

JPN 3180 - Japanese Composition (4)
Practice in written composition. Techniques of textual analysis and exposition are introduced. (Formerly JPN 318) *Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement.*
Prerequisite(s): (JPN 2150 or JPN 215)

JPN 3510 - Japanese Civilization (4)
Survey of Japanese culture and civilization from topical and historical perspectives. Diverse materials include newspaper articles, films and critical writings. Conducted both in English and Japanese. (Formerly JPN 351)
Prerequisite(s): (JPN 355 or JPN 3550)

JPN 3550 - Translation: Japanese (4)
Translation from Japanese to English of a range of materials from commercial and technical to literary. (Formerly JPN 355)
Prerequisite(s): (JPN 215 or JPN 2150) or equivalent.

JPN 3700 - Introduction to Japanese Literature (4)
Critical approach to selected readings of classical and modern Japanese folklore, tales, fiction, poetry, and drama. Conducted both in English and Japanese. Offered in the fall semester. (Formerly JPN 370).
Prerequisite(s): (JPN 215 or JPN 2150). (JPN 314 or JPN 3140) strongly recommended.

JPN 3920 - Directed Readings in Japanese (2 OR 4)
Directed individual readings in Japanese. May be repeated. (Formerly JPN 390)
Prerequisite(s): permission of instructor.

JPN 4080 - Advanced Japanese Conversation and Reading (4)
Practice in speaking at an advanced level in recent historical, social, business and cultural topics featured in newspapers, internet articles, magazines, books, TV programs and films. (Formerly JPN 408)
Prerequisite(s): (JPN 316 or JPN 3160), (JPN 318 or JPN 3180), (JPN 355 or JPN 3550)

JPN 4200 - Japanese Literature - Nineteenth and Twentieth Centuries (4)
Reading texts of various literary genres. Conducted in Japanese. *Satisfies the university general education requirement for the capstone experience. Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly JPN 420)*
Prerequisite(s): (JPN 314 or JPN 3140), (JPN 355 or JPN 3550), and (JPN 370 or JPN 3700)

JPN 4550 - Advanced Translation from English to Japanese (4)
Translation from English to Japanese of a wide variety of texts on such subjects as literature, culture, business, technology, and international affairs. (Formerly JPN 455)
Prerequisite(s): (JPN 314 or JPN 3140), (JPN 316 or JPN 3160), (JPN 318 or JPN 3180), and (JPN 355 or JPN 3550)

JPN 4570 - Business Japanese (4)
Introduction to the essential vocabulary and style specific to Japanese business as well as to the basic working of the Japanese economy. The course will broaden one's understanding of Japanese society through analysis of Japanese business practices. Conducted in Japanese.(Formerly JPN 457)
Prerequisite(s): (JPN 316 or JPN 3160) and (JPN 318 or JPN 3180) or equivalent.

JPN 4800 - Independent Translation Project (4)
Directed annotated translation from Japanese into English of a major work or works in the student's field. May not be counted toward the major. (Formerly JPN 491)
Prerequisite(s): (JPN 355 or JPN 3550) and (JPN 455 or JPN 4550) and permission of department.

LIT 1000 - Introduction to Asian Literature (4)
A survey of the four great Asian literary traditions: China, Japan, India and Middle East. *Satisfies the university general education requirement in the literature knowledge exploration area. (Formerly LIT 100)*

LIT 1810 - European Literature I (4)
A study of the main literary currents as reflected in continental European masterpieces up to 1850. All works read in English translations. *Satisfies the university general education requirement in the literature knowledge exploration area. (Formerly LIT 181)*

LIT 1820 - European Literature II (4)
A study of the main literary currents as reflected in continental European masterpieces from 1850 to the present. All works read in English translations. *Satisfies the university general education requirement in the literature knowledge exploration area. (Formerly LIT 182)*

LIT 2905 - Studies in Foreign Film (4)
A study of film as a mirror of the cultures and aesthetics of various societies. Topics to be selected by the instructor. (Formerly LIT 251)

LIT 3905 - Topics in Foreign Literature (4)
A study of the main literary currents of a particular century or era of a major foreign literature. All works read in English translation. May not be used to satisfy requirements in the Department of Modern Languages and Literatures. May be repeated for credit with readings from a different foreign literature in English translation. (Formerly LIT 375)

ML 1910 - Study Abroad - Tutorial in Foreign Language (3 TO 4)
Instruction in the elements of a spoken or written foreign language such as Bengali, Czech, Sanskrit, Catalan, etc. for which no regular course sequence exists at Oakland University. May be repeated for credit in a different language each time. *Satisfies the university general education requirement in the foreign language and culture knowledge exploration area. (Formerly ML 191)*
Prerequisite(s): permission of instructor.

ML 1912 - Study Abroad in Foreign Language (3 TO 4)
Instruction in the elements of a spoken or written foreign language such as Bengali, Czech, Sanskrit, Catalan, etc. for which no regular course sequence exists at Oakland University. May be repeated for credit in a different language each time. *Satisfies the university general education requirement in the foreign language and culture knowledge exploration area. (Formerly ML 192)*
Prerequisite(s): permission of instructor.

ML 2900 - Topics Related to Foreign Language Study (2 OR 4)
Topics explored in areas not normally a part of regular offerings in language or literature. May be repeated. (Formerly ML 290)
Prerequisite(s): permission of instructor.

ML 2905 - Intermediate Tutorial in Foreign Language (4)
Intermediate work in a language and literature not normally taught at Oakland University. May be repeated for credit. (Formerly ML 291)
Prerequisite(s): permission of instructor.

ML 2908 - Intermediate Tutorial in Foreign Language (4)
Intermediate work in a language and literature not normally taught at Oakland University. May be repeated for credit. (Formerly ML 292)
Prerequisite(s): permission of instructor.

ML 3900 - Advanced Study of Topics Related to Foreign Languages and Cultures (2 OR 4)
Topics are explored in areas not normally a part of regular offerings in language, culture or literature. May be repeated. (Formerly ML 390)
Prerequisite(s): permission of department.

ML 3905 - Advanced Tutorial in Foreign Language (4)
Advanced work in a language not normally taught at Oakland University. May be repeated for credit. (Formerly ML 391)
Prerequisite(s): permission of instructor.

ML 3908 - Advanced Tutorial in Foreign Language (4)
Advanced work in a language not normally taught at Oakland University. May be repeated for credit. (Formerly ML 392)
Prerequisite(s): permission of instructor.

ML 3939 - Field Experience in a Modern Language (4)
Field experience in an appropriate employment setting correlated with directed study assignments relating the experience to the knowledge and skills developed by the foreign language student. May not be repeated for credit. (Formerly ML 399)
Prerequisite(s): junior/senior standing. Minimum of 16 credits in the major including (FRH 314 or FRH 3140), or (SPN 314 or SPN 3140) and SPN 3170, or (GRM 316 or GRM 3160) and (GRM 318 or GRM 3180).

ML 4400 - Interactive Technology: Computers in Foreign Language Teaching (4)
The course will develop competency in creating supplementary computer software for foreign language classes in the schools. It will include designing and field-testing interactive computer programs, proficiency-based units, and programs for "housekeeping chores". In addition, students will learn to evaluate commercial material. (Formerly ML 440)
Prerequisite(s): B.A. or B.S. or completion of (EED 428 or EED 4240) or equivalent (methodology of teaching foreign languages) or permission of the instructor. Major or minor in a foreign language or English as a second language. Prior experience with computers highly recommended.

SPN 1140 - Introduction to Spanish Language and Culture I (4)
A two-semester sequence in the fundamentals of Spanish and Hispanic cultures. A beginning course. (SPN 114 or SPN 1140) must be taken first. (SPN 114 or SPN 1140) or (SPN 115 or SPN 1150). (Formerly SPN 114). *Satisfies the university general education requirement in the foreign language and culture knowledge exploration area.*

SPN 1150 - Introduction to Spanish Language and Culture II (4)
A two-semester sequence in the fundamentals of Spanish and Hispanic cultures. A beginning course. (SPN 114 or SPN 1140) must be taken first. (SPN 114 or SPN 1140) or (SPN 115 or SPN 1150) satisfies the university general education requirement in the foreign language and culture knowledge exploration area. (Formerly SPN 115)

SPN 1190 - Accelerated Review of Elementary Spanish and Spanish Culture (4)
One-semester course designed to review the fundamentals of Spanish and Spanish culture. Designed for students who have three or more years of previous Spanish experience. Covers the same materials as the two-semester sequence of (SPN 114 or SPN 1140) and (SPN 115 or SPN 1150). *Satisfies the university general education requirement in the foreign language and culture knowledge exploration area. (Formerly SPN 119)*

SPN 2140 - Second Year Spanish I (4)
A two-semester sequence continuing the work of (SPN 114 or SPN 1140) and (SPN 115 or SPN 1150), with the addition of cultural and literary readings. Conducted in Spanish. (Formerly SPN 214). *(SPN 214 or SPN 2140) or (SPN 215 or SPN 2150) satisfies the university general education requirement in the foreign language and culture knowledge exploration area or the knowledge application integration, not both. Prerequisite for knowledge application integration: completion of the university general education requirement in the foreign language and culture knowledge exploration area.*
Prerequisite(s): one year of college Spanish or equivalent.

SPN 2150 - Second Year Spanish II (4)
A two-semester sequence continuing the work of (SPN 114 or SPN 1140) and (SPN 115 or SPN 1150), with the addition of cultural and literary readings. Conducted in Spanish. (SPN 214 or SPN 2140) must be taken first. (Formerly SPN 215). *(SPN 214 or SPN 2140) or (SPN 215 or SPN 2150) satisfies the university general education requirement in the foreign language and culture knowledge exploration area or the knowledge application integration area, not both. Prerequisite for knowledge application integration: completion of the university general education requirement in the foreign language and culture knowledge exploration area.*
Prerequisite(s): one year of college Spanish or equivalent.

SPN 2920 - Directed Readings in Spanish (2 OR 4)
A reading course for non-majors interested in research in a particular area. Approximately 50 hours of reading per credit; one conference weekly with the instructor. (Formerly SPN 290)
Prerequisite(s): (SPN 215 or SPN 2150).

SPN 3130 - Spanish Phonetics (2)
Group and individual practice in the sound system of Spanish, with specific reference to interference from English. Both written and laboratory work required. Conducted in Spanish. (Formerly SPN 313)
Prerequisite(s): (SPN 215 or SPN 2150).

SPN 3140 - Spanish Grammar Review (4)
Review of Spanish grammar and syntax through a variety of approaches. Conducted in Spanish. (Formerly SPN 314)
Prerequisite(s): SPN 215 or SPN 2150.

SPN 3170 - Intermediate Spanish Conversation and Composition (4)
Intermediate level study in oral and written communication. Conducted in Spanish.
Prerequisite(s): (SPN 215 or SPN 2150); (SPN 314 or SPN 3140) highly recommended.

SPN 3500 - Latin American Civilization (4)
Historical approach to Latin American culture and civilization, with emphasis on geography, social structure, philosophical thought, music, art and popular culture. Conducted in Spanish. (Formerly SPN 350)
Prerequisite(s): (SPN 215 or SPN 2150) and (SPN 314 or SPN 3140) highly recommended.

SPN 3510 - Spanish Civilization (4)
Historical approach to Spanish culture and civilization, with emphasis on geography, social structure, philosophical thought, music, art and architecture. Conducted in Spanish. (Formerly SPN 351)
Prerequisite(s): (SPN 215 or SPN 2150). (SPN 314 or SPN 3140) highly recommended.

SPN 3550 - Translation: Spanish into English (4)
Translation from Spanish to English of a variety of materials that may range from commercial, technical to literary texts. (Formerly SPN 355)
Prerequisite(s): (SPN 314 or SPN 3140).

SPN 3580 - Spanish Language and Culture for Health Care Professionals and First Responders (4)
Prepares students to communicate effectively with Spanish-speaking individuals in health care settings, emergency and non-emergency situations. Designed to help students achieve an intermediate level of Spanish, places special emphasis on oral communication. Conducted in Spanish. (Formerly SPN 358)
Prerequisite(s): (SPN 215 or SPN 2150).

SPN 3600 - Introduction to Spanish Linguistics (4)
Introduction to Spanish linguistics from a theoretical and empirical point of view. Conducted in Spanish.
Prerequisite(s): (SPN 317 or SPN 3170)

SPN 3700 - Introduction to Spanish Literature (4)
Study of literary genres and movements based on selected masterpieces of Spanish literature. Conducted in Spanish. (Formerly SPN 370)
Prerequisite(s): (SPN 215 or SPN 2150) and (SPN 314 or SPN 3140) highly recommended.

SPN 3800 - Introduction to Spanish-American Literature (4)
Further study of literary genres and movements based on selected masterpieces of Spanish-American literature. Conducted in Spanish. (Formerly SPN 380)
Prerequisite(s): (SPN 215 or SPN 2150). (SPN 314 or SPN 3140) highly recommended.

SPN 3920 - Directed Readings in Spanish (2 OR 4)
Directed individual readings in Spanish. May be repeated. (Formerly SPN 390)
Prerequisite(s): permission of instructor.

SPN 3930 - Field Experience in Teaching Spanish in Elementary and Middle Schools (2 OR 4)
Provides supervised experience in teaching Spanish in elementary and middle schools. Graded S/U. May be repeated for credit once. Does not carry credit toward departmental major. (Formerly SPN 369)
Prerequisite(s): (SPN 215 or SPN 2150).

SPN 3931 - Advanced Spanish and Academic Service Learning (4)
Supervised academic service learning experience teaching Spanish in schools, organizations, and OU programs. Course requires community service. Students spend four hours per week in class; significant time spent volunteering in the community and reflecting on the volunteer experience. Conducted in Spanish. (Formerly SPN 399)
Prerequisite(s): (SPN 314 or SPN 3140), SPN 3170 and permission of instructor.

SPN 4080 - Advanced Spanish Conversation and Composition (4)
Development of advanced writing and conversational skills with emphasis on appropriate vocabulary, style, grammar and syntax. Offered fall semester. Conducted in Spanish. *Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly SPN 408)*
Prerequisite(s): SPN 3170

SPN 4150 - Medieval Literature of the Iberian Peninsula (4)
Socio-historic and literary analyses of the Mozarabic jarchas, several archetypes of the Iberian epic, Medieval ejempla, parables, drama and poetry. Conducted in Spanish. (Formerly SPN 415)
Prerequisite(s): (SPN 370 or SPN 3700) and (SPN 380 or SPN 3800).

SPN 4160 - Spanish Literature - Fifteenth and Sixteenth Centuries (4)
Following a brief introduction to medieval origins, a study of works in various genres by leading Spanish authors of the Renaissance period. Conducted in Spanish. *Satisfies the university general education requirement for the capstone experience. Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly SPN 416)*
Prerequisite(s): (SPN 370 or SPN 3700) and (SPN 380 or SPN 3800).

SPN 4170 - Spanish Literature - Seventeenth Century (4)
A study of works in various genres by leading Spanish authors of the Baroque period. Conducted in Spanish. *Satisfies the university general education requirement for the capstone experience. Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly SPN 417)*
Prerequisite(s): (SPN 370 or SPN 3700) and (SPN 380 or SPN 3800).

SPN 4180 - Cervantes
Socio-historic literary analyses of Don Quijote de la Mancha and other representative works of Miguel de Cervantes. Conducted in Spanish. (Formerly SPN 418) *Satisfies the university general education requirement for the capstone experience. Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement.*
Prerequisite(s): (SPN 370 or SPN 3700) and (SPN 380 or SPN 3800)

SPN 4190 - Spanish Literature - Eighteenth and Nineteenth Centuries (4)
A study of works in various genres by leading Spanish authors beginning with Neoclassicism and including Naturalism. Conducted in Spanish. (Formerly SPN 419). *Satisfies the university general education requirement for the capstone experience. Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement.*
Prerequisite(s): (SPN 370 or SPN 3700) and (SPN 380 or SPN 3800).

SPN 4200 - Spanish Literature - Twentieth Century (4)
A study of works in various genres by leading modern and contemporary Spanish authors from the Generation of '98 to the present. Conducted in Spanish. (Formerly SPN 420). *Satisfies the university general education requirement for the capstone experience. Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement.*
Prerequisite(s): (SPN 370 or SPN 3700) and (SPN 380 or SPN 3800).

SPN 4550 - Translation: English into Spanish (4)
Translation from English to Spanish using a variety of materials that may range from commercial, technical to literary texts. Offered winter semester. (Formerly SPN 455)
Prerequisite(s): (SPN 314 or SPN 3140) and SPN 3170.

SPN 4570 - Business Spanish (4)
Introduction to the essential vocabulary and style specific to Spanish business as well as to the basic workings of the Hispanic economy. All language skills receive equal emphasis. Course conducted in Spanish. (Formerly SPN 457)
Prerequisite(s): (SPN 314 or SPN 3140) and SPN 3170.

SPN 4800 - Independent Translation Project (4)
Directed annotated translation from Spanish into English of a major work or works in the student's field. May not be counted toward the major. (Formerly SPN 491)
Prerequisite(s): (SPN 355 or SP 3550) and permission of department.

SPN 4880 - Spanish-American Literature before 1888 (4)
A study of works in various genres by leading Spanish-American authors from the Colonial Period to Modernism. Conducted in Spanish. *Satisfies the university general education requirement for the capstone experience. Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly SPN 488)*
Prerequisite(s): (SPN 370 or SPN 3700) and (SPN 380 or SPN 3800).

SPN 4890 - Spanish-American Literature after 1888 (4)
A study of works in various genres by leading Spanish-American authors of modern and contemporary literature. Conducted in Spanish. *Satisfies the university general education requirement for the capstone experience. Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly SPN 489)*
Prerequisite(s): (SPN 370 or SPN 3700) and (SPN 380 or SPN 3800).

SPN 4970 - Undergraduate Seminar (2 OR 4)
Study of individual authors, selected themes or critical problems. Conducted in Spanish. (Formerly SPN 480)
Prerequisite(s): (SPN 370 or SPN 3700) and (SPN 380 or SPN 3800).

SPN 4995 - Independent Reading and Research (2 TO 8)
Directed individual research and reading for advanced Spanish majors. May be repeated. (Formerly SPN 490)
Prerequisite(s): two 4000 level Spanish literature courses and permission of department.

School of Music, Theatre and Dance

207 VARNER HALL
(248) 370-2030
Fax: (248) 370-2041

Department Website

Associate Dean, College of Arts and Sciences, and Director, School of Music, Theatre and Dance: *Jacqueline H. Wiggins*

Associate Director: *Kerro Knox 3*

School Office:
Manjit Gill, Budget Manager; Carly Uhrig, Marketing Manager; Recruitment and Outreach Coordinator, Deneen Stapleton; Communications Associate, Gillian Ellis.

Production Office:
Katherine Boersma, Production and Facilities Manager; Terry Herald, Audio/Video Services Manager; Megan Herald, Assistant Production and Facilities Manager; Brittany Spindler; Box Office Manager.

Technical Support:
Joseph Beck, Theatre Technical Director; Christa Koerner, Costume Shop Manager; Chad Rasor, Assistant Technical Director; Shirleen DiFonzo, Costume Shop Assistant; Christy Heussner, Costume Shop Assistant; Cal Schwartz, Costume Shop Assistant.

Programs Offered

The School of Music, Theatre and Dance offers liberal arts programs in the performing arts, programs designed to prepare students for professional careers in the performing arts, and advanced programs designed to enhance and extend the professional knowledge of performing arts professionals.

In the liberal arts programs, a student can earn a Bachelor of Arts degree with a major in:

- music
- theatre
- dance

Undergraduate professional preparation programs include:

- Bachelor of Fine Arts in dance
- Bachelor of Fine Arts in theatre with a major in acting

- Bachelor of Fine Arts in theatre with a major in musical theatre
- Bachelor of Fine Arts in theatre with a major in theatre design and technology
- Bachelor of Music with a major in music education
- Bachelor of Music with a major in music education and performance
- Bachelor of Music with a major in voice, piano, or instrumental performance

Graduate programs for music professionals include a Doctor of Philosophy in music education and a Master of Music with a major in performance, pedagogy, conducting or music education.

Non-degree programs include Graduate and post-master's certificates in performance, conducting or music education, performer's certificates in undergraduate and graduate piano, and liberal arts minors in music, theatre or dance, and minors in jazz studies and world music.

The school offers student performance opportunities in dramatic and musical theatre productions, dance performances, music ensembles and recitals. Most performance opportunities are open to all qualified students.

All programs offered by the School of Music, Theatre and Dance are fully accredited by the National Association of Schools of Music, the National Association of Schools of Theatre and the National Association of Schools of Dance.

Outreach, Partnerships and Opportunities

Affiliated professional organizations

- Take Root (dance company in residence)
- Eisenhower Dance (in residence)
- Patterson Rhythm Pace Dance Company
- Meadow Brook Theatre Ensemble
- Oakland Symphony Orchestra

Partners in the performing arts

- Chamber Music Society of Detroit
- Synergy on Stage
- Oakland Youth Orchestras (OYO)
- Oakland University Cooperative Orchestral Library (OUCOL)

Professional internship opportunities

- Oakland Symphony Orchestra

- Eisenhower Dance apprenticeships
- Take Root apprenticeships
- Meadow Brook Theatre Ensemble apprenticeships
- Student Teaching in regional K-12 schools

Study abroad opportunities

- Classical Theatre Study in Greece
- Traditional Music and Dance in Ghana
- Dance Study in Berlin, Germany

Center for Applied Research in Musical Understanding

The mission of the Center for Applied Research in Musical Understanding (CARMU) is to:

- transform practice in music education;
- build and advance a research-based pedagogy of teaching for musical understanding;
- support preK-12 music educators in Michigan, the United States, and internationally;
- demonstrate how research informs professional practice in music education;
- seek national and international eminence in applied research in musical understanding at Oakland University;
- support faculty, graduate and undergraduate research in musical understanding.

The Center hosts biannual international conferences on music learning and teaching and publishes materials that support the work of music educators. Visit oakland.edu/carmu.

Music Preparatory Division

The Department of Music offers programs to the community through the Music Preparatory Division (302 Varner Hall, 248-370-2034). The Prep Division offers private studio lessons in voice, piano, guitar, and all orchestral instruments for elementary and secondary school students and adults as well as classes in music theory and early childhood music classes. The Music Prep Division also provides lessons for undergraduate students who wish to study an instrument or voice but do not have enough prior experience to study for college credit.

School Honors and Awards

The school offers honors and awards for students, alumni, and community supporters. School honors are awarded for a combination of academic achievement (minimum 3.30 GPA), artistry in the major area of study and contribution to the operations of the department or school. Alumni Arts Achievement Awards are presented in dance, music and theatre. The school also awards a Distinguished Community Service Award and an Outstanding Student Service Award.

The Department of Music confers a Distinguished Musicianship Award as the department's highest honor in music and Outstanding Student Awards to students who distinguish themselves in performance, music education, chamber music and jazz. The Joyce Weintraub Adelson Memorial Award

for Piano Ensemble honors the memory of an Oakland University piano instructor and the Jennifer Scott Memorial Award honors the memory of an Oakland University piano student.

The Department of Theatre confers Outstanding Student Awards in acting, musical theatre, theatre design and technology. The Gittlin Theatre and Gittlin Achievement Awards are scholarships offered to theatre students of promise and outstanding ability.

The Department of Dance confers a variety of awards, including Outstanding Student Awards in choreography and dance performance. Maggie Allesee Summer Study Awards provide students opportunity to study at summer dance workshops and festivals.

Department of Dance

207 VARNER HALL (248) 370-2602

Fax: (248) 370-2041

Department Website

Chairperson: Gregory Patterson

Professor emerita: Laurie Eisenhower

Associate Professor: Gregory Patterson, Thayer Jonutz, Alison Woerner

Assistant professors: Elizabeth Kattner-Ulrich

Special lecturers: Roberta Lucas, Stephanie Pizzo, Christina Tasco

Lecturers: Angela Austin, Debra Bernstein-Siegel, Rebecca Crimmins, Jennifer Harge, Melanie King, Amanda Lehman, Elizabeth Riga

Dance accompanists: Patrick Fitzgibbon, Vladimir Kalmsky, Mike List, Michael McCabe, Michael Shimmin

Programs

Bachelor of Arts

- Dance, B.A.

Bachelor of Fine Arts

- Dance, B.F.A.

Non-degree

- Dance Minor

Dance, B.A.

Admission to the dance degree programs

Admission to the dance degree programs at Oakland University (OU) is a two-tiered process. The first step in the process for all students is the entrance audition. These auditions are held several times a year and determine whether or not a student will be admitted to OU in any of these degree programs. The second step is the major standing audition, which determines whether students may continue in the program, and which degree program they may pursue.

Entrance auditions

Entrance audition days are held several times each year. The audition schedule and downloadable application are available on the department website. Please submit application to the department office. Students should be prepared to demonstrate proficiency in their proposed area of specialization.

- Students seeking admission to Oakland University as dance majors must audition for the dance faculty.
- Students who audition and do not enroll within two semesters must re-audition.
- Students who enroll and leave school for at least two semesters must re-audition.

Requirements for the liberal arts major in dance, B.A. program

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The B.A. degree in dance provides students with a broad-based specialization in dance within a liberal arts curriculum. Students develop their ability to write and speak clearly about dance and related subjects in the context of a broad-based specialization in dance within a liberal arts curriculum. Students develop their ability to write and speak clearly about dance and related subjects in the context of a broad education in sciences, humanities, social sciences and the arts. Students gain a global understanding of the context dance serves in society and are prepared to work in a variety of dance settings including but not limited to arts administration, establishing a dance school and other dance-related businesses, as well as performance.

Students must successfully complete the performance production requirement, the events attendance requirement and the senior interview as described in the department's Undergraduate Dance Handbook available on the department website. Students should consult with the departmental adviser in the College of Arts and Sciences Advising Office to plan their degree program. Only major courses in which a

grade of at least 2.0 has been earned will count towards the major. These degree programs require a minimum of 124 credits.

Dance requirements - 74 credits (or placement)

Two semesters of each of the following:

- DAN 1100 - Ballet (2)
- DAN 2100 - Ballet (2)
- DAN 3100 - Ballet (2)
- DAN 1110 - Modern Dance (3)
- DAN 2110 - Modern Dance (3)
- DAN 3110 - Modern Dance (3)

Additional requirements

- DAN 1031 - Dance Conditioning/Pilates Mat (1) or DAN 1032 - Dance Conditioning/Pilates Reformer (1)
- DAN 1500 - Dance Improvisation/Choreography I (2)
- DAN 1373 - Dance History and Appreciation (4)
- DAN 2640 - Dance Production (2)
- DAN 2500 - Choreography II (4)
- DAN 3030 - Kinesiology for the Dancer (4)
- DAN 3450 - Creative Dance for Children (4)
- DAN 3500 - Choreography III (4)
- DAN 3380 - Contemporary Dance History: Revolution and Revisionism (4)
- DAN 4625 - Issues and Trends in Dance (2)
- DAN 4628 - Opportunities and Careers in Dance (2)
- DAN 4441 - Dance Pedagogy (4)
- MUS 1207 - Basic Musicianship for Dancers (2)

Five credits selected from

- DAN 3700 - Oakland Dance Theatre (0 or 1)
- DAN 4700 - Repertory Dance Company (0 or 1)
- DAN 4998 - Apprenticeship (4)

Non-credit requirements

- Freshman Seminar
- Major standing
- Senior interview
- Performance production requirement
- Events attendance requirement

Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts and Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

Dance, B.F.A.

Admission to the dance degree programs

Admission to the dance degree programs at Oakland University (OU) is a two-tiered process. The first step in the process for all students is the entrance audition. These auditions are held several times a year and determine whether or not a student will be admitted to OU in any of these degree programs. The second step is the major standing audition, which determines whether students may continue in the program, and which degree program they may pursue.

Entrance auditions

Entrance audition days are held several times each year. The audition schedule and downloadable application are available on the department website. Please submit application to the department office. Students should be prepared to demonstrate proficiency in their proposed area of specialization.

- Students seeking admission to Oakland University as dance majors must audition for the dance faculty.
- Students who audition and do not enroll within two semesters must re-audition.
- Students who enroll and leave school for at least two semesters must re-audition.

Requirements for the major in dance, B.F.A. program

The Bachelor of Fine Arts degree is intended for students who wish pre-professional and professional preparation in dance. The B.F.A. program is designed for students who wish to concentrate on performance and choreography. Grounded in a contemporary dance aesthetic informed by traditional/classical modern dance principles, our unique program aims to produce top-notch performers and choreographers through progressive study of technique, kinesiology, pedagogy, choreography and somatic principles. Professionally experienced faculty teach through an innovative curriculum to produce highly skilled and well prepared graduates for the dance field.

Students must successfully complete the performance production requirement, the events attendance requirement and the senior interview as described in the department's Undergraduate Dance Handbook available on the department website. Students should consult with the departmental adviser in the College of Arts and Sciences Advising Office to plan their degree program. Only major courses in which a grade of at least 2.0 has been earned will count towards the major.

Dance Requirements - 92 credits (or placement)

Two semesters of each of the following (or placement)

- DAN 1100 - Ballet (2)
- DAN 2100 - Ballet (2)
- DAN 3100 - Ballet (2)
- DAN 4100 - Ballet (2)
- DAN 1110 - Modern Dance (3)
- DAN 2110 - Modern Dance (3)
- DAN 3110 - Modern Dance (3)
- DAN 4110 - Modern Dance (3)

Required courses

- DAN 1031 - Dance Conditioning/Pilates Mat (0 or 1) or DAN 1032 - Dance Conditioning/Pilates Reformer (1)
- DAN 1500 - Dance Improvisation/Choreography I (2)
- DAN 1373 - Dance History and Appreciation (4)
- DAN 2640 - Dance Production (2)
- DAN 2500 - Choreography II (4)
- DAN 3030 - Kinesiology for the Dancer (4)
- DAN 3450 - Creative Dance for Children (4)
- DAN 3500 - Choreography III (4)
- DAN 3380 - Contemporary Dance History: Revolution and Revisionism (4)
- DAN 4625 - Issues and Trends in Dance (2)
- DAN 4628 - Opportunities and Careers in Dance (2)
- DAN 4441 - Dance Pedagogy (4)
- DAN 4500 - Senior Recital (2)
- DAN 4501 - Senior Recital II (2)
- MUS 1207 - Basic Musicianship for Dancers (2)
- THA 1004 - Acting for Non-Theatre Majors (2)

Seven credits from the following courses

- DAN 3700 - Oakland Dance Theatre (0 or 1)
- DAN 4700 - Repertory Dance Company (0 or 1)
- DAN 4998 - Apprenticeship (4)

Non-credit requirements

- Freshman Seminar
- Major standing
- Senior interview
- Performance production requirement
- Events attendance requirement

Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts and Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or

concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

Dance Minor

Requirements for the liberal arts minor in dance

To earn a minor in dance, students must complete a minimum of 20 credits including:

1. Required courses (10 credits)

- DAN 1500 - Dance Improvisation/Choreography I (2)
- DAN 1373 - Dance History and Appreciation (4)
- DAN 2500 - Choreography II (4)

2. One course selected from

- DAN 3030 - Kinesiology for the Dancer (4)
- DAN 3500 - Choreography III (4)

3. Six credits from any other DAN courses

Courses

- DAN 1003 Fundamentals of Ballet Technique I
- DAN 1006 Fundamentals of Tap
- DAN 1013 Fundamentals of Modern Techniques
- DAN 1031 Dance Conditioning/Pilates Mat
- DAN 1032 Dance Conditioning/Pilates Reformer
- DAN 1100 Ballet
- DAN 1110 Modern Dance
- DAN 1220 Jazz Dance
- DAN 1240 African Dance

- DAN 1260 Tap Dance I
- DAN 1373 Dance History and Appreciation
- DAN 1375 Dance in American Culture
- DAN 1377 Dance in Film
- DAN 1500 Dance Improvisation/Choreography I
- DAN 2003 Fundamentals of Ballet Technique II
- DAN 2100 Ballet
- DAN 2110 Modern Dance
- DAN 2220 Jazz Dance
- DAN 2230 Special Dance Techniques
- DAN 2260 Tap Dance II
- DAN 2299 Dance Workshop
- DAN 2440 Learning and Teaching Dance
- DAN 2441 Educational Psychology and Dance Learning
- DAN 2500 Choreography II
- DAN 2640 Dance Production
- DAN 3030 Kinesiology for the Dancer
- DAN 3100 Ballet
- DAN 3110 Modern Dance
- DAN 3220 Jazz Dance
- DAN 3260 Tap Dance III
- DAN 3273 Dance for Musical Theatre
- DAN 3380 Contemporary Dance History: Revolution and Revisionism
- DAN 3440 Teaching Dance to Pre-K-5 Learners
- DAN 3441 Teaching Dance in Secondary Schools
- DAN 3450 Creative Dance for Children
- DAN 3500 Choreography III
- DAN 3700 Oakland Dance Theatre
- DAN 4100 Ballet
- DAN 4102 Advanced Ballet: Partnering
- DAN 4104 Advanced Ballet: Pointe
- DAN 4110 Modern Dance
- DAN 4111 Professional-level Dance Technique in Ballet and Modern Dance
- DAN 4220 Jazz Dance
- DAN 4441 Dance Pedagogy
- DAN 4500 Senior Recital
- DAN 4501 Senior Recital II
- DAN 4625 Issues and Trends in Dance
- DAN 4628 Opportunities and Careers in Dance
- DAN 4700 Repertory Dance Company
- DAN 4900 Special Topics
- DAN 4996 Independent Study

- DAN 4997 College Teaching Apprenticeship
- DAN 4998 Apprenticeship

Multi-disciplinary course:

- MTD 3001 Performing Arts Experiences for Children

Department of Theatre

207 VARNER HALL (248) 370-2604

Fax: (248) 370-2041

Interim Co-chairpersons: Lynnae Lehfeldt, Karen Sheridan

Professors emeriti: Michael Gillespie, Adeline G. Hirschfeld-Medalia

Professor: Karen Sheridan

Associate professors: Anthony Guest, Kerro Knox, Lynnae Lehfeldt, Fred Love

Assistant professor: Jeremy Barnett, Sarah de Tute, David Gram

Special lecturers: Jake Hooker, Leslie Littell, Thomas Mahard

Lecturers: Joseph Beck, Don Brewer, Ricky Carver, Jamie Clausius, Brian Dambacher, Kitty Dubin, Shirleen DiFonzo, Michael Duncan, Dana Gamarra, Mila Govich, Jennifer Graham, Beth Guest, Phill Harmer, Christy Heussner, Christa Koerner, Karen Kozlowski

Musical theatre coaches: Laura Blanchard, Alissa Hetzner, Catherine Menzies

Musical theatre accompanists: Laura Blanchard, Matthew Croft, Catherine Menzies

Programs

Bachelor of Arts

- Theatre, B.A.

Bachelor of Fine Arts

- Acting, B.F.A.
- Musical Theatre, B.F.A.
- Theatre Design and Technology, B.F.A.

Non-degree

- Theatre Minor

Theatre, B.A.

Requirements for the liberal arts major in theatre, B.A. program

Admission to the theatre degree programs

Admission to the theatre degree programs at Oakland University (OU) is a two-tiered process. The first step in the process for all students is the entrance audition. These auditions are held several times a year and determine whether or not a student will be admitted to OU in any of these degree programs. The second step is the major standing audition, which determines whether students may continue in the program, and which degree program they may pursue.

Entrance auditions

Entrance audition days are held several times each year. The audition schedule and downloadable application are available on the department website. Please submit application to the department office. Students should be prepared to demonstrate proficiency in their proposed area of specialization.

- Students seeking admission to Oakland University as acting and musical theatre majors must audition for the theatre faculty.
- Students seeking admission to Oakland University as theatre design and technology majors must participate in a portfolio interview with the theatre faculty.
- Students who audition and do not enroll within two semesters must re-audition.
- Students who enroll and leave school for at least two semesters must re-audition.

The Bachelor of Arts (B.A.) degree is for students who wish a broad general education without a high degree of specialization in theatre. Students must successfully complete the performance production requirement, the events attendance requirement and the senior interview as described in the department's Undergraduate Theatre Handbook, available on the department website. Students should consult with the departmental adviser in the College of Arts and Sciences Advising Office to plan their

degree program. Only major courses in which a grade of at least 2.0 has been earned will count towards the major.

This degree programs requires a minimum of 124 credits distributed as follows:

Theatre requirements - 44 credits

- THA 1001 - Foundations of Theatre (1)
- THA 1010 - Acting: The Instrument (2)
- THA 1011 - Acting: The Script (2)
- THA 1020 - Stagecraft (2) or THA 1021 - Costume Craft or THA 1023 - Costume Construction
- THA 1024 - Elements of Design (2)
- THA 3001 - Theatre History I (4) *(satisfies general education arts requirement)*
- THA 3002 - Theatre History II (4)
- THA 3030 - Stage Management (2)
- ENG 1300 - Introduction to Shakespeare (4) or ENG 3620 - Drama(4) *(satisfies general education literature requirement)*

Design course - 1 course selected from

- THA 3020 - Scenic Design (4)
- THA 3021 - Lighting Design (4)
- THA 3022 - Costume Design (4)
- THA 3024 - Survey of Architecture, Fashion, and Furniture (4)
- THA 3025 - Costume History (4)

Theatre capstone - 4 credits minimum selected from

- THA 4007 - Advanced Directing Project (2)
- THA 4020 - Advanced Performance Projects (0 or 2)
- THA 4025 - Advanced Design and Technology Projects (2)
- THA 4081 - Classical Theatre Study in Greece (4)
- THA 4950 - Internship (2 OR 4)

- THA 4095 - Company Class (2 OR 4)

Theatre elective courses - 13 credits

Chosen in consultation with the theatre adviser (may include DAN technique, MUA/MUE voice, SA or AH classes; THA 1000 excluded)

Non-credit requirements

- Major standing
- Senior interview
- Performance production requirement
- Events attendance requirement

Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts and Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

Acting, B.F.A.

Requirements for the major in acting, B.F.A. program

Admission to the theatre degree programs

Admission to the theatre degree programs at Oakland University (OU) is a two-tiered process. The first step in the process for all students is the entrance audition. These auditions are held several times a year and determine whether or not a student will be admitted to OU in any of these degree programs. The second step is the major standing audition, which determines whether students may continue in the

program, and which degree program they may pursue.

Entrance auditions

Entrance audition days are held several times each year. The audition schedule and downloadable application are available on the department website. Please submit application to the department office. Students should be prepared to demonstrate proficiency in their proposed area of specialization.

- Students seeking admission to Oakland University as acting and musical theatre majors must audition for the theatre faculty.
- Students seeking admission to Oakland University as theatre design and technology majors must participate in a portfolio interview with the theatre faculty.
- Students who audition and do not enroll within two semesters must re-audition. Students who enroll and leave school for at least two semesters must re-audition.

The Bachelor of Fine Arts degree is intended for students who wish pre-professional and professional preparation in dance, musical theatre, acting, and theatre design and technology. Students must successfully complete the performance production requirement, the events attendance requirement and the senior interview as described in the department's Undergraduate Theatre Handbook available on the department website. Students should consult with the departmental adviser in the College of Arts and Sciences Advising Office to plan their degree program. Only major courses in which a grade of at least 2.0 has been earned will count towards the major.

Acting requirements - 72 credits

- THA 1001 - Foundations of Theatre (1)
- THA 1010 - Acting: The Instrument (2)
- THA 1011 - Acting: The Script (2)
- THA 3010 - Acting: The Role (2)
- THA 4014 - Acting: Shakespeare (2)
- THA 1020 - Stagecraft (2)
- THA 1021 - Costume Craft (2) or THA 1023 - Costume Construction (2)
- THA 1024 - Elements of Design (2)
- THA 2016 - Stage Combat I (2)
- THA 2017 - Stage Voice I and II (2)
- THA 2018 - Stage Voice I and II (2)
- THA 3011 - Stage Dialects (2)
- THA 3001 - Theatre History I (4) (satisfies general education arts requirement)
- THA 3002 - Theatre History II (4)
- THA 3023 - Stage Makeup (2)
- THA 3030 - Stage Management (2)
- THA 3031 - Stage Manager Project (2)

- THA 4005 - Directing I (2)
- THA 4006 - Directing II (2)
- THA 4010 - Acting: Styles (2)
- THA 3014 - Acting: Auditions (2)
- ENG 1300 - Introduction to Shakespeare (4) or ENG 3620 – Drama (4) (satisfies general education literature requirement)
- Any dance (DAN) technique course (2)

Movement courses - 2 courses selected from

- THA 2013 - Mime (2)
- THA 2014 - Alexander Technique (2)
- THA 3016 - Stage Combat II (2)
- THA 4016 - Stage Combat III (2)
- Any DAN technique course (2)

Theatre capstone - 4 credits minimum selected from

- THA 4007 - Advanced Directing Project (2)
- THA 4020 - Advanced Performance Projects (0 or 2)
- THA 4025 - Advanced Design and Technology Projects (2)
- THA 4081 - Classical Theatre Study in Greece (4)
- THA 4950 - Internship (2 OR 4)
- THA 4095 - Company Class (2 OR 4)

Theatre electives - 13 credits

Elective courses chosen in consultation with theatre adviser (may include DAN technique, MUA/MUE voice classes; THA 1000 excluded).

Non-credit requirements

- Major standing
- Senior interview
- Performance production requirement
- Events attendance requirement

Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts and Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

Musical Theatre, B.F.A.

Requirements for the major in musical theatre, B.F.A. program

Admission to the theatre degree programs

Admission to the theatre degree programs at Oakland University (OU) is a two-tiered process. The first step in the process for all students is the entrance audition. These auditions are held several times a year and determine whether or not a student will be admitted to OU in any of these degree programs. The second step is the major standing audition, which determines whether students may continue in the program, and which degree program they may pursue.

Entrance auditions

Entrance audition days are held several times each year. The audition schedule and downloadable application are available on the department website. Please submit application to the department office. Students should be prepared to demonstrate proficiency in their proposed area of specialization.

- Students seeking admission to Oakland University as acting and musical theatre majors must audition for the theatre faculty.
- Students seeking admission to Oakland University as theatre design and technology majors must participate in a portfolio interview with the theatre faculty.
- Students who audition and do not enroll within two semesters must re-audition.
- Students who enroll and leave school for at least two semesters must re-audition.

The Bachelor of Fine Arts degree is intended for students who wish pre-professional and professional preparation in musical theatre, acting, and theatre design and technology. Students must successfully complete the performance production requirement, the events attendance requirement and the senior

interview as described in the department's Undergraduate Theatre Handbook available on the department website. Students should consult with the departmental adviser in the College of Arts and Sciences Advising Office to plan their degree program. Only major courses in which a grade of at least 2.0 has been earned will count towards the major.

Musical theatre requirements - 74-80 credits (with placement)

- THA 1001 - Foundations of Theatre **(1)**
- THA 1010 - Acting: The Instrument **(2)**
- THA 1011 - Acting: The Script **(2)**
- THA 1012 - Acting: The Song **(2)**
- THA 3010 - Acting: The Role **(2)**
- THA 4014 - Acting: Shakespeare **(2)**
- THA 1020 - Stagecraft **(2)** or THA 1021 - Costume Craft **(2)** or THA 1023 - Costume Construction **(2)**
- THA 2017 - Stage Voice I and II **(2)**
- THA 3001 - Theatre History I **(4)** or THA 3002 - Theatre History II **(4)** *(satisfies general education arts requirement)*
- THA 3005 - History of American Musical Theatre **(4)**
- THA 3023 - Stage Makeup **(2)**
- THA 3051 - Musical Theatre Workshop **(0 or 1)**
- THA 3014 - Acting: Auditions **(2)**
- THA 4013 - Musical Theatre Singing Styles **(2)**
- MUS 1160 - Vocal Techniques **(2)**
- MUS 1205 - Basic Musicianship for Musical Theatre Majors I **(2)**
- MUS 1206 - Basic Musicianship for Musical Theatre Majors II **(2)**
- DAN 3273 - Dance for Musical Theatre **(2)**
- Additional dance technique classes (7 semesters, 14 credits, or placement)

Applied voice - 11 credits (or placement)

- MUA 1000 - Voice **(1 TO 2)** (2 semesters, 3 credits)

- MUA 2000 - Voice **(1 OR 2)** (2 semesters, 4 credits)
- MUA 3000 - Voice **(1 TO 4)** (2 semesters, 4 credits)

Vocal ensemble - 1 credit selected from

- MUE 3050 - Opera Workshop **(0 OR 1)**
- THA 3051 - Musical Theatre Workshop **(0 or 1)**
- THA 4051 - Nightclub Cabaret Acts **(0 or 1)**
- THA 4052 - BFA Musical Theatre Showcase **(0 or 1)**

Theatre capstone - 3 credits minimum selected from

- THA 4007 - Advanced Directing Project **(2)**
- THA 4020 - Advanced Performance Projects **(2)**
- THA 4025 - Advanced Design and Technology Projects **(2)**
- THA 4081 - Classical Theatre Study in Greece **(4)**
- THA 4950 - Internship **(2 OR 4)**
- THA 4095 - Company Class **(2 OR 4)**

Theatre elective courses - 4 credits

Chosen in consultation with theatre adviser (may include DAN technique, MUA/MUE voice classes; THA 1000 excluded)

Non-credit requirements

- Major standing
- Senior interview
- Performance production requirement
- Events attendance requirement

Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts & Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

Theatre Design and Technology, B.F.A.

Requirements for the major in theatre design and technology, B.F.A. program

Admission to the Theatre Degree Programs

Admission to the theatre degree programs at Oakland University (OU) is a two-tiered process. The first step in the process for all students is the entrance audition. These auditions are held several times a year and determine whether or not a student will be admitted to OU in any of these degree programs. The second step is the major standing audition, which determines whether students may continue in the program, and which degree program they may pursue.

Entrance Auditions

Entrance audition days are held several times each year. The audition schedule and downloadable application are available on the department website. Please submit application to the department office. Students should be prepared to demonstrate proficiency in their proposed area of specialization.

- Students seeking admission to Oakland University as acting and musical theatre majors must audition for the theatre faculty.
- Students seeking admission to Oakland University as theatre design and technology majors must participate in a portfolio interview with the theatre faculty.
- Students who audition and do not enroll within two semesters must re-audition.
- Students who enroll and leave school for at least two semesters must re-audition.

The Bachelor of Fine Arts degree is intended for students who wish pre-professional and professional preparation in dance, musical theatre, acting, and theatre design and technology. Students must successfully complete the performance production requirement, the events attendance requirement and the senior interview as described in the department's Undergraduate Theatre Handbook available

on the department website. Students should consult with the departmental adviser in the College of Arts and Sciences Advising Office to plan their degree program. Only major courses in which a grade of at least 2.0 has been earned will count towards the major.

Theatre Design and Technology Requirements - 74 credits

- THA 1001 - Foundations of Theatre (1)
- THA 1004 - Acting for Non-Theatre Majors (2) or THA 1010 - Acting: The Instrument(2)
- THA 1020 - Stagecraft (2)
- THA 1021 - Costume Craft (2) or THA 1023 - Costume Construction(2)
- THA 1024 - Elements of Design (2)
- THA 1025 - Essentials of Theatre Design (2)
- THA 2022 - Drafting for the Theatre (2)
- THA 2023 - Drawing and Rendering for the Theatre (2)
- THA 3001 - Theatre History I (4) (satisfies general education arts requirement)
- THA 3002 - Theatre History II (4)
- THA 3024 - Survey of Architecture, Fashion, and Furniture (4)
- THA 3025 - Costume History (4)
- THA 3030 - Stage Management (2)
- THA 3031 - Stage Manager Project (2)
- THA 4005 - Directing I (2)
- THA 4021 - Design Seminar (2)
- THA 4022 - Designers' Portfolio (2)
- ART xxxx - Studio Art course (4)

Design courses - 16 credits

- THA 3020 - Scenic Design (4)
- THA 3021 - Lighting Design (4)
- THA 3022 - Costume Design (4)
- Note: one course must be repeated

Theatre capstone - 4 credits minimum selected from

- THA 4007 - Advanced Directing Project (2)
- THA 4020 - Advanced Performance Projects (2)
- THA 4025 - Advanced Design and Technology Projects (2)
- THA 4081 - Classical Theatre Study in Greece (4)
- THA 4950 - Internship (2 OR 4)

- THA 4095 - Company Class (2 OR 4)

Theatre electives - 9 credits

Theatre electives, chosen in consultation with theatre adviser (may include SA or AH classes; excludes THA 1000)

Non-credit requirements

- Major standing
- Senior interview
- Performance production requirement
- Events attendance requirement

Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts and Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

Theatre Minor

Requirements for the liberal arts minor in theatre

To earn a minor in theatre, students must complete a minimum of 20 credits distributed as follows:

1. One acting course (2 credits) selected from

- THA 1004 - Acting for Non-Theatre Majors (2)
- THA 1010 - Acting: The Instrument (2)

- (with permission of instructor)

2. One production course (2 credits) selected from

- THA 1020 - Stagecraft (2)
- THA 1021 - Costume Craft (2)
- THA 1023 - Costume Construction (2)

3. One theatre history course (4 credits) selected from

- THA 3001 - Theatre History I (4)
- THA 3002 - Theatre History II (4)
- THA 3005 - History of American Musical Theatre (4)
- THA 3006 - Cultural and Historical Development of American Musical Theatre (4)

4. Twelve elective credits in theatre

Note: THA 1000 does not apply.

Courses

- THA 1000 Introduction to Theatre
- THA 1001 Foundations of Theatre
- THA 1004 Acting for Non-Theatre Majors
- THA 1010 Acting: The Instrument
- THA 1011 Acting: The Script
- THA 1012 Acting: The Song
- THA 1020 Stagecraft
- THA 1021 Costume Craft
- THA 1023 Costume Construction
- THA 1024 Elements of Design
- THA 1025 Essentials of Theatre Design
- THA 2011 Stage Movement
- THA 2013 Mime
- THA 2014 Alexander Technique
- THA 2015 T'ai Chi Ch'uan
- THA 2016 Stage Combat I
- THA 2017 Stage Voice I and II
- THA 2018 Stage Voice I and II

- THA 2020 Theatre Ensemble
- THA 2022 Drafting for the Theatre
- THA 2023 Drawing and Rendering for the Theatre
- THA 3001 Theatre History I
- THA 3002 Theatre History II
- THA 3005 History of American Musical Theatre
- THA 3006 Cultural and Historical Development of American Musical Theatre
- THA 3010 Acting: The Role
- THA 3011 Stage Dialects
- THA 3013 Coaching for Actors
- THA 3014 Acting: Auditions
- THA 3016 Stage Combat II
- THA 3020 Scenic Design
- THA 3021 Lighting Design
- THA 3022 Costume Design
- THA 3023 Stage Makeup
- THA 3024 Survey of Architecture, Fashion, and Furniture
- THA 3025 Costume History
- THA 3026 Properties Practicum
- THA 3027 Scene Painting
- THA 3028 Sound Design
- THA 3030 Stage Management
- THA 3031 Stage Manager Project
- THA 3040 Playwriting
- THA 3051 Musical Theatre Workshop
- THA 4005 Directing I
- THA 4006 Directing II
- THA 4007 Advanced Directing Project
- THA 4010 Acting: Styles
- THA 4013 Musical Theatre Singing Styles
- THA 4014 Acting: Shakespeare
- THA 4016 Stage Combat III
- THA 4020 Advanced Performance Projects
- THA 4021 Design Seminar
- THA 4022 Designers' Portfolio
- THA 4023 Advanced Stagecraft
- THA 4025 Advanced Design and Technology Projects
- THA 4040 Advanced Playwriting
- THA 4051 Nightclub Cabaret Acts
- THA 4052 BFA Musical Theatre Showcase
- THA 4053 Special Topics: History and Literature of the Theatre
- THA 4081 Classical Theatre Study in Greece

- THA 4095 Company Class
- THA 4907 Special Topics: Design Issues
- THA 4908 Special Topics: Acting and Directing Issues
- THA 4950 Internship
- THA 4996 Independent Study

Multi-disciplinary course:

- MTD 3001 Performing Arts Experiences for Children

Department of Music

207 VARNER HALL (248) 370-2603

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Department Website

Chairperson: Deborah VanderLinde

Professors emeriti: David Daniels, John Dovaras, Robert Facko, Marvin D. Holladay, Flavio Varani

Distinguished professor: Jacqueline Wiggins

Professors: Gregory Cunningham, James Lentini, Michael Mitchell, John-Paul White

Associate professors: Drake Dantzler, Melissa Hoag, David Kidger, Kenneth Kroesche, Jessica Payette, Joseph Shively, George Stoffan, Mark Stone, Deborah VanderLinde

Assistant professors: Miles Brown, Jeffrey Heisler, Tian Tian

Visiting assistant professor: Alta Dantzler

Adjunct assistant professor: Edith Diggory

Artist-in-residence: Regina Carter

DSO affiliate applied faculty: Amanda Blaikie (flute), Marcus Schoon (bassoon), Sharon Sparrow (flute), Jeffrey Zook (flute)

Special lecturers: Patrick Fitzgibbon, Bret Hoag, Lois Kaarre, Jennifer Kincer Catallo, Victoria Shively, Michele Soroka, Kristin Tait, Phyllis White

Lecturers: Laura Blanchard, Barbara Bland, Sean Dobbins, Nina Flanigan, Stephen Eisenhard, Benjamin Fuhrman, Scott Gwinnell, Rebecca Happel, Terry Herald, Alan MacNair, Melissa Maloney, Daniel Maslanka, Zeljko Milicevic, Christopher Napier, Brian Nutting, Diane Raymond, Elizabeth Rowin, Marcus Schoon, Carly Uhrig

Applied music instructors:

Brass: David Denniston (French horn), Kenneth Kroesche (low brass), Gordon Simmons (trumpet)

Woodwind: Amanda Blaikie (flute), Jeffrey Heisler (saxophone), Timothy Michling (oboe), Marcus Schoon (bassoon), Sharon Sparrow (flute), George Stoffan (clarinet), Jeffrey Zook (flute)

Strings: Kerstin Allvin (harp), Marion Hayden (double bass), Nadine DeLeury (cello), Roman Kosarev (viola), Elizabeth Rowin (violin)

Percussion: Sean Dobbins, Daniel Maslanka, Mark Stone

Guitar: John Hall, Bret Hoag

Keyboard: Rebecca Happel (piano), Tian Tian (piano), I-Chen Yeh (piano), Jeremy Tarrant (organ), Dennis Curry (carillon)

Voice: Barbara Bland, Alta Dantzler, Drake Dantzler, Edith Diggory, Stephen Eisenhard, Melissa Maloney, Stephanie Michaels, Nadine Washington, John-Paul White

Jazz: Miles Brown (bass), Sean Dobbins (percussion), Scott Gwinnell (piano), Mark Kieme (saxophone), John Rutherford (trombone), Anthony Stanco (trumpet)

World Music: Sam Jeyasingam (Indian percussion), Mark Stone (African and Caribbean percussion)

Vocal Coach: Victoria Shively

Collaborative pianists: Scott Gwinnell (jazz), Lois Kaarre, Hyekyung Sia Lee, Rudolf Ozolins, Jennifer Gosselin, Amanda Sabelhaus, Julie Steinmayer, I-Chen Yeh (instrumental accompanying coordinator), Eun Young Yoo, Alexandra Zetye, Tatyana Zut, Stanley Zydek (voice accompanying coordinator)

Center for Applied Research in Musical Understanding:

Joseph Shively, director; Deborah VanderLinde, Jacqueline Wiggins

Music Preparatory Division: Elizabeth Medvinsky, director

Programs

Bachelor of Arts

- Music, B.A.

Bachelor of Music

- Instrumental Performance, B.M.
- Music Education and Performance, Choral and General Music, B.M.
- Music Education and Performance, Instrumental and General Music, B.M.
- Music Education, Choral and General Music, B.M.
- Music Education, Instrumental and General Music, B.M.

- Piano Performance, B.M.
- Voice Performance, B.M.

Certificate

- Piano Performer's Certificate

Non-degree

- Music Minor
- Music, Liberal Arts Minor
- Jazz Studies Minor
- World Music Minor

Music, B.A.

Requirements for the liberal arts major in music, B.A. program

Admission to Music degree programs

Admission to the music degree programs at Oakland University (OU) is a two-tiered process, except for the B.A. in Music. The first step in the process for all students is the entrance audition. These auditions are held several times a year and determine whether or not a student will be admitted to OU in any of these degree programs. For all B.M. programs, the second step is the major standing audition, which determines whether students may continue in the program, and if they can be admitted into a professional program in the school.

Entrance auditions

Entrance audition days are held several times each year. The audition schedule and downloadable application are available on the school website. Please submit application to the department office. Students should be prepared to demonstrate proficiency in their proposed area of specialization.

- Students seeking admission to Oakland University as music majors or auditioned music minors must audition for the music faculty.
- Students who audition and do not enroll within two semesters must re-audition.

- Students who enroll and leave school for at least two semesters must re-audition. Music students who enroll and leave school must re-audition and also retake the theory placement exam.

This degree is for students who wish a broad general education without a high degree of specialization in music. Students should consult the Undergraduate Music Handbook available on the department website and should also consult with the departmental adviser in the College of Arts and Sciences Advising Office to plan their degree program.

For this program,

MUS 1331 satisfies the general education arts requirement. MUS 3331, MUS 3332, and MUS 4320 count as writing intensive in the major. MUS 4320, MUS 4323, or MUS 4330 count as the general education capstone. Only major courses in which a grade of at least 2.0 has been earned will count toward the major.

This degree program requires a minimum of 124 credits.

Applied Music - 16 credits minimum (or placement)

- 12 credits in a single instrument or 13 credits in voice (must progress to a pass 3000-level applied)
- 4 credits of an applied elective (may include conducting and keyboard techniques, if applied area is not piano)

Music history, theory, and world music - 28 credits (or placement)

- MUS 1212 - Music Theory I **(3)** and MUS 1213 - Aural Skills I **(1)**
- MUS 1214 - Music Theory II **(3)** and MUS 1215 - Aural Skills II **(1)**
- MUS 2212 - Music Theory III **(3)** and MUS 2213 - Aural Skills III **(1)**
- MUS 2214 - Music Theory IV **(3)** and MUS 2215 - Aural Skills IV **(1)**
- MUS 1331 - History and Literature of Western Tonal Music **(3)**
- MUS 1332 - Music of World Cultures **(3)**
- MUS 3331 - History and Literature of Medieval and Renaissance Music **(3)**
- MUS 3332 - History and Literature of Western Music from ca. 1850 to the Present **(3)**

Required electives - 12 credits (or placement)

One music history capstone course selected from

- MUS 4320 - The Nineteenth-Century Symphony: History, Performance and Analysis **(4)**
- MUS 4323 - Berlin's Musical Cultures: 1900-1989 **(4)**
- MUS 4330 - Seminar in Opera and Drama **(4)**

plus two courses selected from the following (at least one of the two must be music theory)

- MUS 4320 - The Nineteenth-Century Symphony: History, Performance and Analysis **(4)**
- MUS 4323 - Berlin's Musical Cultures: 1900-1989 **(4)**
- MUS 4330 - Seminar in Opera and Drama **(4)**
- MUS 3211 - Musical Analysis and Form **(4)**
- MUS 3212 - Counterpoint **(4)**
- MUS 4210 - Analysis of Music Since 1900 **(4)**

Language requirement - 4-8 credits

- Modern language course (115 or higher)

Ensembles - 4 credits

Must enroll in an ensemble that uses the primary performance area every semester of major (minimum of 4 times for credit)

- MUE 3001 - University Chorus **(0 OR 1)**
- MUE 3004 - Oakland Chorale **(0 OR 1)**
- MUE 3019 - Chamber Orchestra **(0 OR 1)**
- MUE 3020 - Oakland Symphony **(0 OR 1)**
- MUE 3029 - Symphonic Band **(0 OR 1)**
- MUE 3031 - Wind Symphony **(0 OR 1)**

Non-credit requirement

- Events attendance requirement

Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements the College of Arts & Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

Instrumental Performance, B.M.

Requirements for the major in instrumental performance, Bachelor of Music program

Admission to Music degree programs

Admission to the music degree programs at Oakland University (OU) is a two-tiered process, except for the B.A. in Music. The first step in the process for all students is the entrance audition. These auditions are held several times a year and determine whether or not a student will be admitted to OU in any of these degree programs. For all B.M. programs, the second step is the major standing audition, which determines whether students may continue in the program, and if they can be admitted into a professional program in the school.

Entrance auditions

Entrance audition days are held several times each year. The audition schedule and downloadable application are available on the school website. Please submit application to the department office. Students should be prepared to demonstrate proficiency in their proposed area of specialization.

- Students seeking admission to Oakland University as music majors or auditioned music minors must audition for the music faculty.
- Students who audition and do not enroll within two semesters must re-audition. Students who enroll and leave school for at least two semesters must re-audition.
- Music students who enroll and leave school must re-audition and also retake the theory placement exam.

The Bachelor of Music degree is intended for students who wish pre-professional and professional preparation in music education and/or performance. Students should consult the Undergraduate Music Handbook available on the department website and should also consult with the departmental adviser in the College of Arts and Sciences Advising Office to plan their degree program.

Only major courses in which a grade of at least 2.0 has been earned will count toward the major. For this program, MUS 1331 satisfies the general education arts requirement, MUS 3331 and MUS 3332 count as writing intensive in the major, and MUA 4998 counts as the general education capstone in the major.

Degree requirements are as follows:

Applied music - 34 credits (or placement)

- Applied principal instrument 1000 level (2 credits per semester, 4 credits total)
- Applied principal instrument 2000 level (2 credits per semester, 4 credits total)
- Applied principal instrument 3000 level (4 credits per semester, 8 credits total)
- Applied principal instrument 4000 level (1 semester, 4 credits total)
- MUA 4998 - Senior Recital (4 OR 6) (6)
- MUS 1171 - Keyboard Technique I (2)
- MUS 1172 - Keyboard Technique II (2)
- MUS 2171 - Keyboard Technique III (2)
- MUS 2172 - Keyboard Technique IV (2)

Music history, theory, and world music - 28 credits (or placement)

- MUS 1212 - Music Theory I (3) and MUS 1213 - Aural Skills I (1)
- MUS 1214 - Music Theory II (3) and MUS 1215 - Aural Skills II (1)
- MUS 2212 - Music Theory III (3) and MUS 2213 - Aural Skills III (1)
- MUS 2214 - Music Theory IV (3) and MUS 2215 - Aural Skills IV (1)
- MUS 1331 - History and Literature of Western Tonal Music (3)
- MUS 1332 - Music of World Cultures (3)
- MUS 3331 - History and Literature of Medieval and Renaissance Music (3)
- MUS 3332 - History and Literature of Western Music from ca. 1850 to the Present (3)

History or theory elective course (1 course) selected from

- MUS 4320 - The Nineteenth-Century Symphony: History, Performance and Analysis (4)

- MUS 4323 - Berlin's Musical Cultures: 1900-1989 (4)
- MUS 4330 - Seminar in Opera and Drama (4)
- MUS 3211 - Musical Analysis and Form (4)
- MUS 3212 - Counterpoint (4)
- MUS 4210 - Analysis of Music Since 1900 (4)

Ensembles - 12 credits

Must enroll in a large ensemble that uses the primary performance area every semester of major.

- Large ensembles: MUE 3001 - University Chorus or MUE 3004 - Oakland Chorale or MUE 3019 - Chamber Orchestra or MUE 3029 - Symphonic Band or MUE 3031 - Wind Symphony (8)
- Small ensembles (4)

Language - 4 credits

Must choose a foreign language to fulfill general education foreign language requirement (not ALS or ML).

Other required courses - 8 credits (or placement)

- MUS 3581 - Conducting I (2)
- MUS 3582 - Conducting II (2)
- MUS 4547 - Instrumental Teaching Studio (2)
- MUS 4563 - Instrumental Repertoire I (1)
- MUS 4564 - Instrumental Repertoire II (1)

Non-credit requirements

- Major standing
- Events attendance requirement

Piano Performance, B.M.

Requirements for the major in piano performance, Bachelor of Music program

Admission to Music degree programs

Admission to the music degree programs at Oakland University (OU) is a two-tiered process, except for the B.A. in Music. The first step in the process for all students is the entrance audition. These auditions are held several times a year and determine whether or not a student will be admitted to OU in any of these degree programs. For all B.M. programs, the second step is the major standing audition, which determines whether students may continue in the program, and if they can be admitted into a professional program in the school.

Entrance auditions

Entrance audition days are held several times each year. The audition schedule and downloadable application are available on the school website. Please submit application to the department office. Students should be prepared to demonstrate proficiency in their proposed area of specialization.

- Students seeking admission to Oakland University as music majors or auditioned music minors must audition for the music faculty.
- Students who audition and do not enroll within two semesters must re-audition.
- Students who enroll and leave school for at least two semesters must re-audition. Music students who enroll and leave school must re-audition and also retake the theory placement exam.

The Bachelor of Music degree is intended for students who wish pre-professional and professional preparation in music education and/or performance. Students should consult the Undergraduate Music Handbook available on the department website and should also consult with the departmental adviser in the College of Arts and Sciences Advising Office to plan their degree program.

Only major courses in which a grade of at least 2.0 has been earned will count toward the major. For this program, MUS 1331 satisfies the general education arts requirement. MUS 3331 and MUS 3332 count as writing intensive in the major, and MUA 4998 counts as the general education capstone in the major.

Degree requirements are as follows:

Applied music - 31 credits (or placement)

- MUA 1002 - Piano (1 OR 2) (4) (2 credits per semester, 4 credits total)
- MUA 2002 - Piano (1 OR 2) (4) (2 credits per semester, 4 credits total)
- MUA 3002 - Piano (1 TO 4) (8) (4 credits per semester, 8 credits total)
- MUA 4002 - Piano (1 TO 4) (4) (4 credits total)
- MUA 4998 - Senior Recital (4 OR 6) (4)
- MUS 1175 - Piano Technique Seminar (1)
- MUS 3173 - Keyboard Skills for the Piano Major I (2)
- MUS 3174 - Keyboard Skills for the Piano Major II (2)
- MUS 3175 - Accompanying for Piano Majors (2)

Music history, theory, and world music - 28 credits (or placement)

- MUS 1212 - Music Theory I (3) and MUS 1213 - Aural Skills I
- MUS 1214 - Music Theory II (3) and MUS 1215 - Aural Skills II
- MUS 2212 - Music Theory III (3) and MUS 2213 - Aural Skills III
- MUS 2214 - Music Theory IV (3) and MUS 2215 - Aural Skills IV
- MUS 1331 - History and Literature of Western Tonal Music (3)
- MUS 1332 - Music of World Cultures (3)
- MUS 3331 - History and Literature of Medieval and Renaissance Music (3)
- MUS 3332 - History and Literature of Western Music from ca. 1850 to the Present (3)

History or theory elective course (1 course) selected from

- MUS 4320 - The Nineteenth-Century Symphony: History, Performance and Analysis (4)
- MUS 4323 - Berlin's Musical Cultures: 1900-1989 (4)
- MUS 4330 - Seminar in Opera and Drama (4)
- MUS 3211 - Musical Analysis and Form (4)
- MUS 3212 - Counterpoint (4)
- MUS 4210 - Analysis of Music Since 1900 (4)

Other required courses - 12 credits (or placement)

- MUS 3581 - Conducting I (2)
- MUS 3582 - Conducting II (2)
- MUS 4541 - Piano Pedagogy I (2)
- MUS 4542 - Piano Pedagogy II (2)
- MUS 4555 - Piano Repertoire I (2)
- MUS 4556 - Piano Repertoire II (2)

Ensembles - 11 credits

- Must enroll in a large ensemble every semester of major for a total of 8 credits

Large ensembles: MUE 3001 - University Chorus, MUE 3004 - Oakland Chorale, MUE 3019 - Chamber Orchestra, MUE 3029 - Symphonic Band, or MUE 3031 - Wind Symphony

- Must enroll in chamber music 3 times for a total of 3 credits MUE 3080 - Chamber Music

Language - 4 credits

Must choose a foreign language to fulfill general education foreign language requirement (not ALS or ML).

Non-credit requirements

- Major standing
- Events attendance requirement
- Fifteen minute sophomore recital
- Twenty-five minute junior recital

Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts and Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

Voice Performance, B.M.

Requirements for the major in voice performance, Bachelor of Music program

Admission to Music degree programs

Admission to the music degree programs at Oakland University (OU) is a two-tiered process, except for the B.A. in Music. The first step in the process for all students is the entrance audition. These auditions are held several times a year and determine whether or not a student will be admitted to OU in any of these degree programs. For all B.M. programs, the second step is the major standing audition, which determines whether students may continue in the program, and if they can be admitted into a professional program in the school.

Entrance auditions

Entrance audition days are held several times each year. The audition schedule and downloadable application are available on the school website. Please submit application to the department office. Students should be prepared to demonstrate proficiency in their proposed area of specialization.

- Students seeking admission to Oakland University as music majors or auditioned music minors must audition for the music faculty.
- Students who audition and do not enroll within two semesters must re-audition.
- Students who enroll and leave school for at least two semesters must re-audition.
- Music students who enroll and leave school must re-audition and also retake the theory placement exam.

The Bachelor of Music degree is intended for students who wish pre-professional and professional preparation in music education and/or performance. Students should consult the Undergraduate Music Handbook available on the department website and should also consult with the departmental adviser in the College of Arts and Sciences Advising Office to plan their degree program.

Only major courses in which a grade of at least 2.0 has been earned will count toward the major. For this program, MUS 1331 satisfies the general education arts requirement, MUS 3331 and MUS 3332 count as writing intensive in the major, and MUA 4998 counts as the general education capstone in the major.

Degree requirements are as follows:

Applied music - 39 credits (or placement)

- MUS 1160 - Vocal Techniques (2)
- MUA 1000 - Voice (3) (1 credit first semester, 2 credits second semester, 3 credits total)
- MUA 2000 - Voice (4) (2 credits per semester)
- MUA 3000 - Voice (8) (4 credits per semester)
- MUA 4000 - Voice (4) (4 credits per semester)
- MUA 4998 - Senior Recital (4 OR 6) (6)
- MUS 1171 - Keyboard Technique I (2)
- MUS 1172 - Keyboard Technique II (2)
- MUS 2171 - Keyboard Technique III (2)
- MUS 2172 - Keyboard Technique IV (2)
- MUS 3171 - Accompanying for the Non-pianist I (2)
- MUS 3172 - Accompanying for the Non-pianist II (2)

Music history, theory, and world music - 28 credits (or placement)

- MUS 1212 - Music Theory I **(3)** /MUS 1213 - Aural Skills I **(1)**
- MUS 1214 - Music Theory II **(3)** /MUS 1215 - Aural Skills II (1)
- MUS 2212 - Music Theory III **(3)** /MUS 2213 - Aural Skills III (1)
- MUS 2214 - Music Theory IV **(3)** /MUS 2215 - Aural Skills IV (1)
- MUS 1331 - History and Literature of Western Tonal Music (3)
- MUS 1332 - Music of World Cultures (3)
- MUS 3331 - History and Literature of Medieval and Renaissance Music (3)
- MUS 3332 - History and Literature of Western Music from ca. 1850 to the Present (3)

History or theory elective course (1 course) selected from

- MUS 4320 - The Nineteenth-Century Symphony: History, Performance and Analysis (4)
- MUS 4323 - Berlin's Musical Cultures: 1900-1989 (4)
- MUS 4330 - Seminar in Opera and Drama (4)
- MUS 3211 - Musical Analysis and Form (4)
- MUS 3212 - Counterpoint (4)
- MUS 4210 - Analysis of Music Since 1900 (4)

Other required courses - 12 credits (or placement)

- MUS 2163 - Diction for Singers I (2)
- MUS 2164 - Diction for Singers II (2)
- MUS 3581 - Conducting I (2)
- MUS 4561 - Vocal Repertoire I (2)
- MUS 4562 - Vocal Repertoire II (2)
- MUE 3050 - Opera Workshop (1) (2 credits)

Language - 4-8 credits

- Italian, French, or German course numbered 1150 or higher

Ensemble - 8 credits

Must enroll in a large ensemble that uses the primary performance area every semester of major.

- MUE 3001 - University Chorus (0 OR 1) or
- MUE 3004 - Oakland Chorale (0 OR 1)

Non-credit requirements

- Major standing
- Events attendance requirement

Music Education, Choral and General Music, B.M.

Requirements for the major in Music Education, Bachelor of Music program (specialization in choral and general music)

Admission to Music degree programs

Admission to the music degree programs at Oakland University (OU) is a two-tiered process, except for the B.A. in Music. The first step in the process for all students is the entrance audition. These auditions are held several times a year and determine whether or not a student will be admitted to OU in any of these degree programs. For all B.M. programs, the second step is the major standing audition, which determines whether students may continue in the program, and if they can be admitted into a professional program in the school.

Entrance auditions

Entrance audition days are held several times each year. The audition schedule and downloadable application are available on the school website. Please submit application to the department office. Students should be prepared to demonstrate proficiency in their proposed area of specialization.

- Students seeking admission to Oakland University as music majors or auditioned music minors must audition for the music faculty.
- Students who audition and do not enroll within two semesters must re-audition.
- Students who enroll and leave school for at least two semesters must re-audition. Music students who enroll and leave school must re-audition and also retake the theory placement exam.

The Bachelor of Music degree is intended for students who wish pre-professional and professional preparation in music education and/or performance. Students should consult the Undergraduate Music Handbook available on the department website and should also consult with the departmental adviser in the College of Arts and Sciences Advising Office to plan their degree program.

Only major courses in which a grade of at least 2.0 has been earned will count toward the major. A minimum grade of 3.0 is required in all professional courses, marked with an asterisk (*) in the list

below. Application for music education major standing takes place upon completion of all freshman and sophomore coursework.

For this program, MUS 1331 satisfies the general education arts requirement; MUS 3331, 3332, and 4431 count as writing intensive in the major; and MUS 4431 counts as the general education capstone.

Degree requirements are as follows:

Requirements specific to the voice major - 35 credits (or placement)

- MUS 1160 - Vocal Techniques (2)
- MUA 1000 - Voice (1 credit first semester, 2 credits second semester, 3 credits total)
- MUA 2000 - Voice (2 credits per semester, 4 credits total)
- MUA 3000 - Voice (2 credits per semester, 4 credits total)
- MUA 4000 - Voice (2 credits per semester, 4 credits total)
- MUS 2163 - Diction for Singers I (2)
- MUS 2164 - Diction for Singers II (2)
- MUS 2420 - Instrumental Techniques for Choral Majors (2) *
- MUS 1171 - Keyboard Technique I (2)
- MUS 1172 - Keyboard Technique II (2)
- MUS 2171 - Keyboard Technique III (2)
- MUS 2172 - Keyboard Technique IV (2)
- MUS 3171 - Accompanying for the Non-pianist I (2)
- MUS 3172 - Accompanying for the Non-pianist II (2)

Requirements specific to the piano major - 36 credits (or placement)

- MUA 1002 - Piano (2 credits per semester, 4 credits total)
- MUA 2002 - Piano (2 credits per semester, 4 credits total)
- MUA 3002 - Piano (2 credits per semester, 4 credits total)
- MUA 4002 - Piano (2 credits per semester, 4 credits total)
- MUS 1175 - Piano Technique Seminar (1)
- MUS 1161 - Vocal Techniques for Instrumentalists I (1)
- MUS 1162 - Vocal Techniques for Instrumentalists II (2)
- MUA 1000 - Voice (4) or MUA 2000 - Voice (by audition) (4)
- MUS 2420 - Instrumental Techniques for Choral Majors (2) *
- MUS 2163 - Diction for Singers I (2)
- MUS 2164 - Diction for Singers II (2)
- MUS 3171 - Accompanying for the Non-pianist I (2)

- MUS 3173 - Keyboard Skills for the Piano Major I (2)
- MUS 3174 - Keyboard Skills for the Piano Major II (2)

Required courses for both voice and piano majors

Music history, theory, and world music - 28 credits (or placement)

- MUS 1212 - Music Theory I (3) /MUS 1213 - Aural Skills I **(1)**
- MUS 1214 - Music Theory II (3) /MUS 1215 - Aural Skills II **(1)**
- MUS 2212 - Music Theory III (3) /MUS 2213 - Aural Skills III **(1)**
- MUS 2214 - Music Theory IV (3) /MUS 2215 - Aural Skills IV **(1)**
- MUS 1331 - History and Literature of Western Tonal Music (3)
- MUS 1332 - Music of World Cultures (3)
- MUS 3331 - History and Literature of Medieval and Renaissance Music (3)
- MUS 3332 - History and Literature of Western Music from ca. 1850 to the Present (3)

History or theory elective course (1 course) selected from

- MUS 4320 - The Nineteenth-Century Symphony: History, Performance and Analysis (4)
- MUS 4323 - Berlin's Musical Cultures: 1900-1989 (4)
- MUS 4330 - Seminar in Opera and Drama (4)
- MUS 3211 - Musical Analysis and Form (4)
- MUS 3212 - Counterpoint (4)
- MUS 4210 - Analysis of Music Since 1900 (4)

Minimum of 2 credits of improvisation or composition selected from

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- MUE 3015 - Oakland Jazz Singers (0 OR 1)
- MUE 3040 - Oakland University Jazz Band (0 OR 1)
- MUE 3041 - Jazz Improvisation Combos (0 OR 1)
- MUE 3045 - African Ensemble (0 OR 1)
- MUE 3046 - Steel Band (0 OR 1)
- MUE 3048 - World Percussion Ensemble (0 OR 1)
- MUE 3065 - Contemporary Music Ensemble (0 OR 1)
- MUS 3601 - Jazz Theory and Improvisation I (2)
- MUS 3602 - Jazz Theory and Improvisation II (2)

Language - 4 credits

- Must choose a foreign language (Italian, French, or German recommended) to fulfill foreign language requirement (not ALS or ML)

Ensembles - 8 credits

Must enroll in ensemble that uses primary performance area every semester of major. Voice majors must choose a vocal ensemble. Pianists may choose any major ensemble.

- MUE 3001 - University Chorus (0 OR 1)
- MUE 3004 - Oakland Chorale (0 OR 1)
- MUE 3019 - Chamber Orchestra (0 OR 1)
- MUE 3020 - Oakland Symphony (0 OR 1)
- MUE 3029 - Symphonic Band (0 OR 1)
- MUE 3031 - Wind Symphony (0 OR 1)

Professional courses and requirements - 41 credits (or placement) and MTTC

- MUS 2440 - Learning and Teaching Music (1) *
- MUS 2441 - Educational Psychology and Music Learning (3) *
- MUS 3441 - Elementary General Music Methods (3) *
- MUS 3581 - Conducting I (2) *
- MUS 3582 - Conducting II (2) *
- MUS 4408 - Choral Methods (3) *
- MUS 4401 - Instrumental Methods for Choral Majors (1) *
- MUS 4431 - Teaching Music in the 21st Century I (3) *
- MUS 4432 - Teaching Music in the 21st Century II (3) *
- MUS 4434 - Teaching Music to Learners with Exceptionalities (4)
- RDG 4238 - Teaching Reading in the Content Areas (4) *
- SED 4952 Internship in Secondary Education (12) *
- Michigan Test for Teacher Certification (MTTC): Professional Readiness Exam (PRE) and Music Education test

Note

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*A minimum grade of 3.0 is required in all professional courses.

For students with piano as applied major, enrollment in MUS 1160 or MUS 1161 is by placement audition. Students placing into MUS 1160 take the following 8-credit sequence: MUS 1160, MUA 1000 and two semesters of MUA 2000. Students placing into MUS 1161 take the following 7-credit sequence: MUS 1161, MUS 1162 and two semesters of MUA 1000.

Non-credit requirements

- Major standing
- Events attendance requirement

Application for music education major standing takes place upon completion of all freshman and sophomore coursework.

Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts & Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

Music Education and Performance, Choral and General Music, B.M.

Requirements for the major in Music Education and Performance, Bachelor of Music program (specialization in choral and general music)

Admission to Music degree programs

Admission to the music degree programs at Oakland University (OU) is a two-tiered process, except for the B.A. in Music. The first step in the process for all students is the entrance audition. These auditions are held several times a year and determine whether or not a student will be admitted to OU in any of these degree programs. For all B.M. programs, the second step is the major standing audition, which determines whether students may continue in the program, and if they can be admitted into a professional program in the school.

Entrance auditions

Entrance audition days are held several times each year. The audition schedule and downloadable application are available on the school website. Please submit application to the department office. Students should be prepared to demonstrate proficiency in their proposed area of specialization.

- Students seeking admission to Oakland University as music majors or auditioned music minors must audition for the music faculty.
- Students who audition and do not enroll within two semesters must re-audition.
- Students who enroll and leave school for at least two semesters must re-audition. Music students who enroll and leave school must re-audition and also retake the theory placement exam.

The Bachelor of Music degree is intended for students who wish pre-professional and professional preparation in music education and/or performance. Students should consult the Undergraduate Music Handbook available on the department website and should also consult with the departmental adviser in the College of Arts and Sciences Advising Office to plan their degree program.

Only major courses in which a grade of at least 2.0 has been earned will count toward the major. A minimum grade of 3.0 is required in all professional courses, marked with an asterisk (*) in the list below. Application for music education major standing takes place upon completion of all freshman and sophomore coursework. .

For this program, MUS 1331 satisfies the general education arts requirement, MUS 3331, 3332, and 4431 count as writing intensive in the major; and MUA 4998 and MUS 4431 count as the general education capstone.

Degree requirements are as follows:

Requirements specific to the voice major - 50 credits (or placement)

- MUS 1160 - Vocal Techniques (2)
- MUA 1000 - Voice (1 credit first semester, 2 credits second semester, 3 credits total)
- MUA 2000 - Voice (2 credits per semester, 4 credits total)
- MUA 3000 - Voice (4 credits per semester, 8 credits total)
- MUA 4000 - Voice (1 semester, 4 credits total)
- MUS 1171 - Keyboard Technique I (2)
- MUS 1172 - Keyboard Technique II (2)
- MUS 2420 - Instrumental Techniques for Choral Majors (2) *
- MUS 2171 - Keyboard Technique III (2)
- MUS 2172 - Keyboard Technique IV (2)
- MUS 3171 - Accompanying for the Non-pianist I (2)
- MUS 3172 - Accompanying for the Non-pianist II (2)
- MUA 4998 - Senior Recital (6)
- MUE 3050 - Opera Workshop (1)
- MUS 2163 - Diction for Singers I (2)
- MUS 2164 - Diction for Singers II (2)
- MUS 4561 - Vocal Repertoire I (2)
- MUS 4562 - Vocal Repertoire II (2)

Requirements specific to the piano major - 52 credits (or placement)

- MUA 1002 - Piano (2 credits per semester, 4 credits total)
- MUA 2002 - Piano (2 credits per semester, 4 credits total)
- MUA 3002 - Piano (4 credits per semester, 8 credits total)
- MUA 4002 - Piano (one semester, 4 credits)
- MUS 1175 - Piano Technique Seminar (1)
- MUA 4998 - Senior Recital (4 OR 6) (4)
- MUS 4555 - Piano Repertoire I (2)
- MUS 4556 - Piano Repertoire II (2)
- MUS 4541 - Piano Pedagogy I (2)
- MUS 4542 - Piano Pedagogy II (2)
- MUS 2420 - Instrumental Techniques for Choral Majors (2) *
- MUS 1161 - Vocal Techniques for Instrumentalists I (1)
- MUS 1162 - Vocal Techniques for Instrumentalists II (2)
- MUA 1000 - Voice (4) or MUA 2000 - Voice (by audition) (4)

- MUS 2163 - Diction for Singers I (2)
- MUS 2164 - Diction for Singers II (2)
- MUS 3173 - Keyboard Skills for the Piano Major I (2)
- MUS 3174 - Keyboard Skills for the Piano Major II (2)
- MUS 3175 - Accompanying for Piano Majors (2)

Required courses for both voice and piano majors

Music history, theory, and world music - 28 credits (or placement)

- MUS 1212 - Music Theory I (3) and MUS 1213 - Aural Skills I (1)
- MUS 1214 - Music Theory II (3) and MUS 1215 - Aural Skills II (1)
- MUS 2212 - Music Theory III (3) and MUS 2213 - Aural Skills III (1)
- MUS 2214 - Music Theory IV (3) and MUS 2215 - Aural Skills IV (1)
- MUS 1331 - History and Literature of Western Tonal Music (3)
- MUS 1332 - Music of World Cultures (3)
- MUS 3331 - History and Literature of Medieval and Renaissance Music (3)
- MUS 3332 - History and Literature of Western Music from ca. 1850 to the Present (3)

History or theory elective course (1 course) selected from

- MUS 4320 - The Nineteenth-Century Symphony: History, Performance and Analysis (4)
- MUS 4323 - Berlin's Musical Cultures: 1900-1989 (4)
- MUS 4330 - Seminar in Opera and Drama (4)
- MUS 3211 - Musical Analysis and Form (4)
- MUS 3212 - Counterpoint (4)
- MUS 4210 - Analysis of Music Since 1900 (4)

Minimum of 2 credits of improvisation or composition selected from

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- MUE 3015 - Oakland Jazz Singers (0 OR 1)
- MUE 3040 - Oakland University Jazz Band (0 OR 1)
- MUE 3041 - Jazz Improvisation Combos (0 OR 1)
- MUE 3045 - African Ensemble (0 OR 1)
- MUE 3046 - Steel Band (0 OR 1)
- MUE 3048 - World Percussion Ensemble (0 OR 1)
- MUE 3065 - Contemporary Music Ensemble (0 OR 1)

- MUS 3601 - Jazz Theory and Improvisation. I (2)
- MUS 3602 - Jazz Theory and Improvisation II (2)

Language - 4 credits

- Must choose a foreign language (Italian, French, or German required for voice performance) to fulfill general education foreign language requirement (not ALS or ML).

Ensembles - 8 credits

Must enroll in ensemble that uses primary performance area every semester of major. Voice majors must choose a vocal ensemble. Pianists may choose any major ensemble.

- MUE 3001 - University Chorus (0 OR 1)
- MUE 3004 - Oakland Chorale (0 OR 1)
- MUE 3019 - Chamber Orchestra (0 OR 1)
- MUE 3020 - Oakland Symphony (0 OR 1)
- MUE 3029 - Symphonic Band (0 OR 1)
- MUE 3031 - Wind Symphony (0 OR 1)

Professional music education courses and requirements - 41 credits (or placement) and MTTC

- MUS 2440 - Learning and Teaching Music (1) *
- MUS 2441 - Educational Psychology and Music Learning (3) *
- MUS 3441 - Elementary General Music Methods (3) *
- MUS 4408 - Choral Methods (3) *
- MUS 3581 - Conducting I (2) *
- MUS 3582 - Conducting II (2) *
- MUS 4401 - Instrumental Methods for Choral Majors (1) *
- MUS 4431 - Teaching Music in the 21st Century I (3) *
- MUS 4432 - Teaching Music in the 21st Century II (3) *
- RDG 4238 - Teaching Reading in the Content Areas (4) *
- MUS 4434 - Teaching Music to Learners with Exceptionalities (4)
- SED 4952 Internship in Secondary Education (12) *
- Michigan Test for Teacher Certification (MTTC): Professional Readiness Exam (PRE) and Music Education test

** A minimum grade of 3.0 is required in all professional courses.*

Note

For piano majors, enrollment in MUS 1160 or MUS 1161 is by placement audition. Students placing into MUS 1160 take the following 8 credits sequence: MUS 1160, MUA 1000 and two semesters of MUA 2000. Students placing into MUS 1161 take the following 7-credit sequence: MUS 1161, MUS 1162 and two semesters of MUA 1000.

Non-credit requirements

- Events attendance requirement
- Major standing

Application for music education major standing takes place upon completion of all freshman and sophomore coursework.

Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements, College of Arts & Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

Music Education, Instrumental and General Music, B.M.

Requirements for the major in Music Education, Bachelor of Music program (specialization in instrumental and general music)

Admission to Music degree programs

Admission to the music degree programs at Oakland University (OU) is a two-tiered process, except for the B.A. in Music. The first step in the process for all students is the entrance audition. These auditions are held several times a year and determine whether or not a student will be admitted to OU in any of these degree programs. For all B.M. programs, the second step is the major standing audition, which determines whether students may continue in the program, and if they can be admitted into a professional program in the school.

Entrance auditions

Entrance audition days are held several times each year. The audition schedule and downloadable application are available on the school website. Please submit application to the department office. Students should be prepared to demonstrate proficiency in their proposed area of specialization.

- Students seeking admission to Oakland University as music majors or auditioned music minors must audition for the music faculty.
- Students who audition and do not enroll within two semesters must re-audition. Students who enroll and leave school for at least two semesters must re-audition.
- Music students who enroll and leave school must re-audition and also retake the theory placement exam.

The Bachelor of Music degree is intended for students who wish pre-professional and professional preparation in music education and/or performance. Students should consult the Undergraduate Music Handbook available on the department website and should also consult with the departmental adviser in the College of Arts and Sciences Advising Office to plan their degree program.

Only major courses in which a grade of at least 2.0 has been earned will count toward the major. A minimum grade of 3.0 is required in all professional courses, marked with an asterisk (*) in the list below. Application for music education major standing takes place upon completion of all freshman and sophomore coursework.

For this program, MUS 1331 satisfies the general education arts requirement; MUS 3331, 3332, and 4431 count as writing intensive in the major: and MUS 4431 counts as the general education capstone.

Degree requirements are as follows:

Applied music - 23 credits (or placement)

- **MUA 1xxx-4xxx - Applied major (normally an orchestral instrument)**
- MUA 1xxx (2 credits per semester, 4 credits total)
- MUA 2xxx (2 credits per semester, 4 credits total)
- MUA 3xxx (2 credits per semester, 4 credits total)
- MUA 4xxx (2 credits per semester, 4 credits total)
- MUS 1171 - Keyboard Technique I **(2)**
- MUS 1172 - Keyboard Technique II **(2)**
- MUS 2171 - Keyboard Technique III **(2)**
- MUS 1161 - Vocal Techniques for Instrumentalists I **(1)**

Music history, theory, and world music - 28 credits (or placement)

- MUS 1212 - Music Theory I **(3)** and MUS 1213 - Aural Skills I **(1)**
- MUS 1214 - Music Theory II **(3)** and MUS 1215 - Aural Skills II **(1)**
- MUS 2212 - Music Theory III **(3)** and MUS 2213 - Aural Skills III **(1)**
- MUS 2214 - Music Theory IV **(3)** and MUS 2215 - Aural Skills IV **(1)**
- MUS 1331 - History and Literature of Western Tonal Music **(3)**
- MUS 1332 - Music of World Cultures **(3)**
- MUS 3331 - History and Literature of Medieval and Renaissance Music **(3)**
- MUS 3332 - History and Literature of Western Music from ca. 1850 to the Present **(3)**

History or theory elective (1 course) selected from

- MUS 4320 - The Nineteenth-Century Symphony: History, Performance and Analysis **(4)**
- MUS 4323 - Berlin's Musical Cultures: 1900-1989 **(4)**

- MUS 4330 - Seminar in Opera and Drama **(4)**
- MUS 3211 - Musical Analysis and Form **(4)**
- MUS 3212 - Counterpoint **(4)**
- MUS 4210 - Analysis of Music Since 1900 **(4)**

Minimum of 2 credits of improvisation or composition selected from

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- MUE 3015 - Oakland Jazz Singers **(0 OR 1)**
- MUE 3040 - Oakland University Jazz Band **(0 OR 1)**
- MUE 3041 - Jazz Improvisation Combos **(0 OR 1)**
- MUE 3045 - African Ensemble **(0 OR 1)**
- MUE 3046 - Steel Band **(0 OR 1)**
- MUE 3048 - World Percussion Ensemble **(0 OR 1)**
- MUE 3065 - Contemporary Music Ensemble **(0 OR 1)**
- MUS 3601 - Jazz Theory and Improvisation. I **(2)**
- MUS 3602 - Jazz Theory and Improvisation II **(2)**

Language - 4 credits

- Must choose a foreign language to fulfill general education foreign language requirement (not ALS or ML)

Ensembles - 8 credits

Must enroll in a large ensemble that uses the primary performance area every semester of major.

- Large ensembles: MUE 3029 - Symphonic Band or MUE 3019 - Chamber Orchestra or MUE 3031 - Wind Symphony **(8)**

Professional courses and requirements - 48 credits (or placement) and MTTC

- MUS 2421 - Percussion Techniques **(1)** *
- MUS 2422 - Brass Techniques **(1)** *
- MUS 2423 - Woodwind Techniques **(1)** *

- MUS 2424 - String Techniques **(1)** *
- MUS 2440 - Learning and Teaching Music **(1)** *
- MUS 2441 - Educational Psychology and Music Learning **(3)** *
- MUS 3441 - Elementary General Music Methods **(3)** *
- MUS 3581 - Conducting I **(2)**
- MUS 3582 - Conducting II **(2)**
- MUS 4402 - Elementary Instrumental Methods **(2)** *
- MUS 4403 - Secondary Instrumental Methods **(2)** *
- MUS 4405 - Marching Band Methods **(1)** *
- MUS 4406 - Jazz Pedagogy **(1)** *
- MUS 4407 - Choral Methods for Instrumental Majors **(1)** *
- MUS 4431 - Teaching Music in the 21st Century I **(3)** *
- MUS 4432 - Teaching Music in the 21st Century II **(3)**
- MUS 4434 - Teaching Music to Learners with Exceptionalities **(4)**
- RDG 4238 - Teaching Reading in the Content Areas **(4)** *
- SED 4952 Internship in Secondary Education * **(12)**
- Michigan Test for Teacher Certification (MTTC): Professional Readiness Exam (PRE) and Music Education test.

*A minimum grade of 3.0 is required in all professional courses.

Application for music education major standing takes place upon completion of MUS 2441.

Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts & Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

Music Education and Performance, Instrumental and General Music, B.M.

Requirements for the major in Music Education and Performance, Bachelor of Music program (specialization in instrumental and general music)

Admission to Music degree programs

Admission to the music degree programs at Oakland University (OU) is a two-tiered process, except for the B.A. in Music. The first step in the process for all students is the entrance audition. These auditions are held several times a year and determine whether or not a student will be admitted to OU in any of these degree programs. For all B.M. programs, the second step is the major standing audition, which determines whether students may continue in the program, and if they can be admitted into a professional program in the school.

Entrance auditions

Entrance audition days are held several times each year. The audition schedule and downloadable application are available on the school website. Please submit application to the department office. Students should be prepared to demonstrate proficiency in their proposed area of specialization.

- Students seeking admission to Oakland University as music majors or auditioned music minors must audition for the music faculty.
- Students who audition and do not enroll within two semesters must re-audition.
- Students who enroll and leave school for at least two semesters must re-audition. Music students who enroll and leave school must re-audition and also retake the theory placement exam.

The Bachelor of Music degree is intended for students who wish pre-professional and professional preparation in music education and/or performance. Students should consult the Undergraduate Music Handbook available on the department website and should also consult with the departmental adviser in the College of Arts and Sciences Advising Office to plan their degree program.

Only major courses in which a grade of at least 2.0 has been earned will count toward the major. A minimum grade of 3.0 is required in all professional courses, marked with an asterisk (*) in the list

below. Application for music education major standing takes place upon completion of all freshman and sophomore coursework.

For this program, MUS 1331 satisfies the general education arts requirement; MUS 3331, 3332 and 4431 count as writing intensive in the major; and MUA 4998 and MUS 4431 count as the general education capstone.

Degree requirements are as follows:

Applied music - 39 credits (or placement)

- Applied principal instrument: 1000-2002 level (2 credits per semester; total of 8 credits required
- Applied principal instrument: 3000-4000 level (4 credits per semester; total of 12 credits required)
- MUA 4998 - Senior Recital **(4 OR 6) (6)**
- MUS 1161 - Vocal Techniques for Instrumentalists I **(1)**
- MUS 1171 - Keyboard Technique I **(2)**
- MUS 1172 - Keyboard Technique II **(2)**
- MUS 2171 - Keyboard Technique III **(2)**
- MUS 2172 - Keyboard Technique IV **(2)**
- MUS 4563 - Instrumental Repertoire I **(1)**
- MUS 4564 - Instrumental Repertoire II **(1)**
- MUS 4547 - Instrumental Teaching Studio **(2)**

Music history, theory, and world music - 28 credits (or placement)

- MUS 1212 - Music Theory I **(3)** /MUS 1213 - Aural Skills I **(1)**
- MUS 1214 - Music Theory II **(3)** /MUS 1215 - Aural Skills II **(1)**
- MUS 2212 - Music Theory III **(3)** /MUS 2213 - Aural Skills III **(1)**
- MUS 2214 - Music Theory IV **(3)** /MUS 2215 - Aural Skills IV **(1)**
- MUS 1331 - History and Literature of Western Tonal Music **(3)**
- MUS 1332 - Music of World Cultures **(3)**
- MUS 3331 - History and Literature of Medieval and Renaissance Music **(3)**
- MUS 3332 - History and Literature of Western Music from ca. 1850 to the Present **(3)**

History or theory elective (1 course) selected from

- MUS 4320 - The Nineteenth-Century Symphony: History, Performance and Analysis **(4)**
- MUS 4323 - Berlin's Musical Cultures: 1900-1989 **(4)**
- MUS 4330 - Seminar in Opera and Drama **(4)**
- MUS 3211 - Musical Analysis and Form **(4)**
- MUS 3212 - Counterpoint **(4)**
- MUS 4210 - Analysis of Music Since 1900 **(4)**

Minimum of 2 credits of improvisation or composition selected from

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- MUE 3015 - Oakland Jazz Singers **(0 OR 1)**
- MUE 3040 - Oakland University Jazz Band **(0 OR 1)**
- MUE 3041 - Jazz Improvisation Combos **(0 OR 1)**
- MUE 3045 - African Ensemble **(0 OR 1)**
- MUE 3046 - Steel Band **(0 OR 1)**
- MUE 3048 - World Percussion Ensemble **(0 OR 1)**
- MUE 3065 - Contemporary Music Ensemble **(0 OR 1)**
- MUS 3601 - Jazz Theory and Improvisation I **(2)**
- MUS 3602 - Jazz Theory and Improvisation II **(2)**

Language - 4 credits

- Must choose a foreign language to fulfill general education foreign language requirement (not ALS or ML).

Ensembles - 12 credits

Must enroll in a large ensemble that uses the primary performance area every semester of major.

- Large ensembles: MUE 3029 - Symphonic Band or MUE 3019 - Chamber Orchestra or MUE 3031 - Wind Symphony **(8)**
- Small ensembles **(4)**

Professional music education courses and requirements - 48 credits (or placement) and MTTC

- MUS 2421 - Percussion Techniques **(1)** *
- MUS 2422 - Brass Techniques **(1)** *
- MUS 2423 - Woodwind Techniques **(1)** *
- MUS 2424 - String Techniques **(1)** *
- MUS 2440 - Learning and Teaching Music **(1)** *
- MUS 2441 - Educational Psychology and Music Learning **(3)** *
- MUS 3441 - Elementary General Music Methods **(3)** *
- MUS 3581 - Conducting I **(2)** *
- MUS 3582 - Conducting II **(2)** *
- MUS 4402 - Elementary Instrumental Methods **(2)** *
- MUS 4403 - Secondary Instrumental Methods **(2)** *
- MUS 4405 - Marching Band Methods **(1)** *
- MUS 4406 - Jazz Pedagogy **(1)** *
- MUS 4407 - Choral Methods for Instrumental Majors **(1)** *
- MUS 4431 - Teaching Music in the 21st Century I **(3)** *
- MUS 4432 - Teaching Music in the 21st Century II **(3)** *
- RDG 4238 - Teaching Reading in the Content Areas **(4)** *
- MUS 4434 - Teaching Music to Learners with Exceptionalities **(4)**
- SED 4952 Internship in Secondary Education **(4-12) ***

Michigan Test for Teacher Certification (MTTC: Professional Readiness Exam and Music Education portion

*A minimum grade of 3.0 is required in all professional courses.

Non-credit requirements

- Major standing
- Events attendance requirement

Note

Application for music education major standing takes place upon completion of all freshman and sophomore coursework.

Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements, College of Arts & Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

Music Minor

The curriculum for the auditioned minor consists mainly of classes intended for majors, making it possible to apply these courses to a bachelor's degree in music should the student choose to do so. This minor requires the same audition required of music majors. Students must complete a minimum of 25 credits in:

1. Minimum of 9 credits in music history

- MUS 1331 - History and Literature of Western Tonal Music **(3)**
- MUS 1332 - Music of World Cultures **(3)**

Plus one from

- MUS 1000 - An Introduction to Music **(4)**
- MUS 1001 - What's On Your Playlist? Music Listening and the Self **(4)**
- MUS 1002 - Exploring Technology in Music **(4)**
- MUS 1005 - Foundations of Rock **(4)**
- MUS 1006 - Exploring Film Music **(4)**

- MUS 1007 - Exploring Jazz **(4)**
- MUS 1010 - Exploring African Music **(4)**
- MUS 1011 - Exploring Caribbean Music **(4)**
- MUS 2020 - Computer-based Music Composition **(4)**
- MUS 2025 - Exploring Songwriting **(4)**

2. Eight credits of music theory

- Music theory sequence, level determined by placement exam

3. Minimum of 4 credits of applied music

- Two terms of 1000-level applied lessons on the instrument with which the student performed the entrance audition

Voice students take

- MUS 1160 - Vocal Techniques **(2)** and then
- MUA 1000 – Voice **(2)**
- or
- MUS 1161 - Vocal Techniques for Instrumentalists I **(1)** and MUS 1162 - Vocal Techniques for Instrumentalists II **(2)**

4. Four credits of ensemble

- Any MUE course, subject to ensemble audition

Music, Liberal Arts Minor

The curriculum for the traditional liberal arts minor consists mainly of music classes intended for non-majors. Only a few of these classes can be used for major credit toward a bachelor's degree in music. This minor requires no audition. Students must complete a minimum of 24 credits in:

1. Sixteen credits in music history and theory selected from

- MUS 1000 - An Introduction to Music (4)
- MUS 1001 - What's On Your Playlist? Music Listening and the Self (4)
- MUS 1002 - Exploring Technology in Music (4)
- MUS 1005 - Foundations of Rock (4)
- MUS 1006 - Exploring Film Music (4)
- MUS 1007 - Exploring Jazz (4)
- MUS 1010 - Exploring African Music (4)
- MUS 1011 - Exploring Caribbean Music (4)
- MUS 2020 - Computer-based Music Composition (4)
- MUS 2025 - Exploring Songwriting (4)
- MUS 1211 - Basic Musicianship for Music Students (2)

2. Four credits applied music selected from

- MUS 1100 - Vocal Techniques for Non-Majors (2)
- MUS 1101 - Beginning Piano for Non-Majors (2)
- MUS 1103 - Beginning Guitar for Non-Majors (2)
- Or voice or instrument at the 1000 level, subject to acceptance by the applied instructor

3. Four credits of ensemble

- Any MUE course, subject to ensemble audition

Jazz Studies Minor

Requirements for the minor in jazz studies

Entrance auditions

Entrance audition days are held several times each year. The audition schedule and downloadable

application are available on the school website. Please submit application to the department office. Students should be prepared to demonstrate proficiency in their proposed area of specialization.

Students seeking admission to Oakland University as music majors or auditioned music minors must audition for the music faculty.

Students who audition and do not enroll within two semesters must re-audition. Students who enroll and leave school for at least two semesters must re-audition. Music students who enroll and leave school must re-audition and also retake the theory placement exam.

The department offers a minor in jazz studies that is open to both music majors and non-majors who have had prior music performance experience and wish to study jazz. Non-music majors who wish to pursue the minor in jazz studies must audition. Contact the jazz program coordinator at 248-370-2805 or brown239@oakland.edu. Music majors who wish to pursue the minor in jazz studies should do so in consultation with the jazz coordinator and their applied music instructor.

The minor in jazz studies is designed to enhance the student's ability to negotiate the theoretical, practical, cultural, and historical aspects of teaching and performing jazz as a musical art form. Students will study the practices of past jazz masters and develop methods in order to sustain their own jazz education in addition to the education of current and future students. The minor will focus on refining performance and improvisational skills through private instruction, techniques for rehearsing small and large jazz ensembles, researching historical perspectives, and creating functional arrangements and compositions for both classroom and personal use.

Students must complete a minimum of 21 credits as follows:

Applied lessons - 4 credits

- MUA 1XXX - Applied Lessons (Jazz) (2)
- MUA 2XXX - Applied Lessons (Jazz) (2)

Ensembles - 4 credits

- MUE 3040 - Oakland University Jazz Band (0 OR 1) (2 credits total)
- MUE 3041 - Jazz Improvisation Combos (0 OR 1) (2 credits total)

Other required courses - 13 credits (or placement)

- MUS 1007 - Exploring Jazz (4)
- MUS 4406 - Jazz Pedagogy (1)
- MUS 3601 - Jazz Theory and Improvisation I (2)
- MUS 3602 - Jazz Theory and Improvisation II (2)
- MUS 4601 - Jazz Composing and Arranging I (2)
- MUS 4602 - Jazz Composing and Arranging II (2)

Non-credit requirements

MUE 3040 and 3041 each must be taken a total of 4 semesters, with a minimum of 2 semesters each for credit.

World Music Minor

Requirements for the minor in world music

Entrance auditions

The department offers a minor in world music that is open to both music majors and non-majors who have had prior music performance experience and wish to study world music. Non-music majors who wish to pursue the minor in world music must audition. Contact the world music program coordinator at 248-370-2044 or stone@oakland.edu.

The minor in world music is designed to enhance students' ability to negotiate the theoretical, practical, cultural, and historical aspects of teaching and performing traditions of world music. Students will study the practices of various world music traditions in order to sustain their own education in addition to the education of current and future students. The minor will focus on refining performance and improvisational skills through private instruction, world music ensembles, music history courses, and a summer study abroad/directed research.

Students must complete a minimum of 23 credits as follows:

Applied lessons - 4 credits

- MUA 1075 - World Percussion (1 OR 2)

- MUA 2075 - World Percussion (1 OR 2)
- MUA 3075 - World Percussion (1 OR 2)
- MUA 4075 - World Percussion (1 OR 2)

World music ensembles - 4 credits selected from

- MUE 3045 - African Ensemble (0 OR 1)
- MUE 3046 - Steel Band (0 OR 1)
- MUE 3048 - World Percussion Ensemble (0 OR 1)
- DAN 1240 - African Dance (0 or 2)

Required courses - 7 credits

- MUS 1332 - Music of World Cultures (3)
- MUS 4325 - Critical Theory Methodologies in the Global Arts (4)

Elective option - 1 course selected from

- DAN 1375 - Dance in American Culture (4)
- MUS 1010 - Exploring African Music (4)
- MUS 1011 - Exploring Caribbean Music (4)

Study abroad/research option - 1 course selected from

- IS 3100 - Global Arts Study Abroad (4)
- IS 4995 - Directed Research in International Studies (2 TO 8)

Non-credit requirements

Non-credit requirements: World music ensembles - total of 8 semesters, minimum of 4 for credit

Piano Performer's Certificate

Requirements for the performer's certificate in undergraduate piano

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The Performer's Certificate in Undergraduate Piano is a special course of study designed for undergraduate students with outstanding musical and performance ability. The program is designed to allow students maximum time and flexibility to develop their performing ability while completing essential studies for a solid musical background. Candidates must have a high school diploma or equivalent and, through audition, must demonstrate potential for becoming a concert performer.

Admission requirements

- High school diploma (or equivalent)
- Audition demonstrating that prior experience and musical achievement provide potential for becoming a concert performer. (International students may audition by sending a DVD recording with excellent sound quality.)

Program Requirements

Students seeking the Performer’s Certificate in Undergraduate Piano must successfully complete 40 credits distributed as follows:

- MUA 3003 - Applied Piano (Advanced Level for Performer's Certificate) (8)
- MUS 3175 Accompanying for Piano Majors (4)
- MUE 3080 - Chamber Music (4)
- MUE 3XXX - Ensembles (4)
- MUS 4555 - Piano Repertoire I (2)
- MUS 4556 - Piano Repertoire II (2)
- MUS 1212 - Music Theory I (3) and MUS 1213 - Aural Skills I (1)
- MUS 1214 - Music Theory II (3) and MUS 1215 - Aural Skills II (1)
- Electives (conducting, music history, organ, harpsichord, etc.) (8)

Non-credit requirement

- Two recitals

Courses

- MUA 1000 Voice
- MUA 1002 Piano
- MUA 1004 Organ
- MUA 1005 Harpsichord
- MUA 1010 Violin
- MUA 1011 Viola
- MUA 1012 Violoncello
- MUA 1013 Double Bass
- MUA 1020 Flute
- MUA 1021 Oboe
- MUA 1022 Clarinet
- MUA 1023 Bassoon
- MUA 1024 Saxophone
- MUA 1030 French Horn
- MUA 1031 Trumpet
- MUA 1032 Trombone
- MUA 1033 Euphonium
- MUA 1034 Tuba
- MUA 1040 Timpani
- MUA 1041 Percussion
- MUA 1050 Harp
- MUA 1051 Guitar (Classical)
- MUA 1052 Bass Guitar
- MUA 1060 Piano (jazz)
- MUA 1061 Guitar (jazz)
- MUA 1062 Trumpet (jazz)
- MUA 1063 Saxophone (jazz)
- MUA 1064 Trombone (jazz)
- MUA 1065 Percussion (jazz)
- MUA 1066 Double Bass (jazz)
- MUA 1075 World Percussion
- MUA 1080 Composition
- MUA 1960 Applied Music
- MUA 2000 Voice
- MUA 2002 Piano
- MUA 2004 Organ
- MUA 2005 Harpsichord
- MUA 2010 Violin
- MUA 2011 Viola
- MUA 2012 Violoncello
- MUA 2013 Double Bass

- MUA 2020 Flute
- MUA 2021 Oboe
- MUA 2022 Clarinet
- MUA 2023 Bassoon
- MUA 2024 Saxophone
- MUA 2030 French Horn
- MUA 2031 Trumpet
- MUA 2032 Trombone
- MUA 2033 Euphonium
- MUA 2034 Tuba
- MUA 2040 Timpani
- MUA 2041 Percussion
- MUA 2050 Harp
- MUA 2051 Guitar (Classical)
- MUA 2052 Bass Guitar
- MUA 2060 Jazz (piano)
- MUA 2061 Guitar (jazz)
- MUA 2062 Trumpet (jazz)
- MUA 2063 Saxophone (jazz)
- MUA 2064 Trombone (jazz)
- MUA 2065 Percussion (jazz)
- MUA 2066 Double Bass (jazz)
- MUA 2075 World Percussion
- MUA 2080 Composition
- MUA 2960 Applied Music
- MUA 3000 Voice
- MUA 3001 Vocal Coaching for Singers
- MUA 3002 Piano
- MUA 3003 Applied Piano (Advanced Level for Performer's Certificate)
- MUA 3004 Organ
- MUA 3005 Harpsichord
- MUA 3010 Violin
- MUA 3011 Viola
- MUA 3012 Violoncello
- MUA 3013 Double Bass
- MUA 3020 Flute
- MUA 3021 Oboe
- MUA 3022 Clarinet
- MUA 3023 Bassoon
- MUA 3024 Saxophone
- MUA 3030 French Horn
- MUA 3031 Trumpet

- MUA 3032 Trombone
- MUA 3033 Euphonium
- MUA 3034 Tuba
- MUA 3040 Timpani
- MUA 3041 Percussion
- MUA 3050 Harp
- MUA 3051 Guitar (Classical)
- MUA 3052 Bass Guitar
- MUA 3060 Jazz (piano)
- MUA 3061 Guitar (jazz)
- MUA 3062 Trumpet (jazz)
- MUA 3063 Saxophone (jazz)
- MUA 3064 Trombone (jazz)
- MUA 3065 Percussion (jazz)
- MUA 3066 Double Bass (jazz)
- MUA 3075 World Percussion
- MUA 3080 Composition
- MUA 3960 Applied Music
- MUA 4000 Voice
- MUA 4002 Piano
- MUA 4004 Organ
- MUA 4005 Harpsichord
- MUA 4010 Violin
- MUA 4011 Viola
- MUA 4012 Violoncello
- MUA 4013 Double Bass
- MUA 4020 Flute
- MUA 4021 Oboe
- MUA 4022 Clarinet
- MUA 4023 Bassoon
- MUA 4024 Saxophone
- MUA 4030 French Horn
- MUA 4031 Trumpet
- MUA 4032 Trombone
- MUA 4033 Euphonium
- MUA 4034 Tuba
- MUA 4040 Timpani
- MUA 4041 Percussion
- MUA 4050 Harp
- MUA 4051 Guitar (Classical)
- MUA 4052 Bass Guitar
- MUA 4060 Piano (jazz)

- MUA 4061 Guitar (jazz)
- MUA 4062 Trumpet (jazz)
- MUA 4063 Saxophone (jazz)
- MUA 4064 Trombone (jazz)
- MUA 4065 Percussion (jazz)
- MUA 4066 Double Bass (jazz)
- MUA 4075 World Percussion
- MUA 4080 Composition
- MUA 4960 Applied Music
- MUA 4998 Senior Recital
- MUE 3001 University Chorus
- MUE 3004 Oakland Chorale
- MUE 3015 Oakland Jazz Singers
- MUE 3019 Chamber Orchestra
- MUE 3020 Oakland Symphony
- MUE 3029 Symphonic Band
- MUE 3031 Wind Symphony
- MUE 3032 Golden Grizzly Athletic Band
- MUE 3035 Brass Band
- MUE 3040 Oakland University Jazz Band
- MUE 3041 Jazz Improvisation Combos
- MUE 3045 African Ensemble
- MUE 3046 Steel Band
- MUE 3048 World Percussion Ensemble
- MUE 3050 Opera Workshop Opera Workshop
- MUE 3055 Opera
- MUE 3065 Contemporary Music Ensemble
- MUE 3070 Guitar Ensemble
- MUE 3071 Saxophone Chamber Music
- MUE 3072 Flute Ensemble
- MUE 3073 Percussion Ensemble
- MUE 3074 Brass Ensemble
- MUE 3075 Piano Ensemble
- MUE 3076 String Ensemble
- MUE 3080 Chamber Music
- MUS 1000 An Introduction to Music
- MUS 1001 What's On Your Playlist? Music Listening and the Self
- MUS 1002 Exploring Technology in Music
- MUS 1003 Music, Culture and Western Civilization
- MUS 1005 Foundations of Rock
- MUS 1006 Exploring Film Music
- MUS 1007 Exploring Jazz

- MUS 1010 Exploring African Music
- MUS 1011 Exploring Caribbean Music
- MUS 1100 Vocal Techniques for Non-Majors
- MUS 1101 Beginning Piano for Non-Majors
- MUS 1103 Beginning Guitar for Non-Majors
- MUS 1104 Intermediate Guitar for Non-Majors
- MUS 1160 Vocal Techniques
- MUS 1161 Vocal Techniques for Instrumentalists I
- MUS 1162 Vocal Techniques for Instrumentalists II
- MUS 1171 Keyboard Technique I
- MUS 1172 Keyboard Technique II
- MUS 1175 Piano Technique Seminar
- MUS 1205 Basic Musicianship for Musical Theatre Majors I
- MUS 1206 Basic Musicianship for Musical Theatre Majors II
- MUS 1207 Basic Musicianship for Dancers
- MUS 1211 Basic Musicianship for Music Students
- MUS 1212 Music Theory I
- MUS 1213 Aural Skills I
- MUS 1214 Music Theory II
- MUS 1331 History and Literature of Western Tonal Music
- MUS 1332 Music of World Cultures
- MUS 2020 Computer-based Music Composition
- MUS 2025 Exploring Songwriting
- MUS 2163 Diction for Singers I
- MUS 2164 Diction for Singers II
- MUS 2171 Keyboard Technique III
- MUS 2172 Keyboard Technique IV
- MUS 2212 Music Theory III
- MUS 2213 Aural Skills III
- MUS 2214 Music Theory IV
- MUS 2215 Aural Skills IV
- MUS 2420 Instrumental Techniques for Choral Majors
- MUS 2421 Percussion Techniques
- MUS 2422 Brass Techniques
- MUS 2423 Woodwind Techniques
- MUS 2424 String Techniques
- MUS 2440 Learning and Teaching Music
- MUS 2441 Educational Psychology and Music Learning
- MUS 2701 Creative Composition I
- MUS 2702 Creative Composition II
- MUS 2996 Independent Study
- MUS 3018 The Business of Music

- MUS 3053 Audio Techniques
- MUS 3054 The Recording Studio
- MUS 3171 Accompanying for the Non-pianist I
- MUS 3172 Accompanying for the Non-pianist II
- MUS 3173 Keyboard Skills for the Piano Major I
- MUS 3174 Keyboard Skills for the Piano Major II
- MUS 3175 Accompanying for Piano Majors
- MUS 3176 Accompaniment Practicum
- MUS 3211 Musical Analysis and Form
- MUS 3212 Counterpoint
- MUS 3331 History and Literature of Medieval and Renaissance Music
- MUS 3332 History and Literature of Western Music from ca. 1850 to the Present
- MUS 3441 Elementary General Music Methods
- MUS 3581 Conducting I
- MUS 3582 Conducting II
- MUS 3601 Jazz Theory and Improvisation I
- MUS 3602 Jazz Theory and Improvisation II
- MUS 4210 Analysis of Music Since 1900
- MUS 4320 The Nineteenth-Century Symphony: History, Performance and Analysis
- MUS 4323 Berlin's Musical Cultures: 1900-1989
- MUS 4325 Critical Theory Methodologies in the Global Arts
- MUS 4330 Seminar in Opera and Drama
- MUS 4401 Instrumental Methods for Choral Majors
- MUS 4402 Elementary Instrumental Methods
- MUS 4403 Secondary Instrumental Methods
- MUS 4405 Marching Band Methods
- MUS 4406 Jazz Pedagogy
- MUS 4407 Choral Methods for Instrumental Majors
- MUS 4408 Choral Methods
- MUS 4431 Teaching Music in the 21st Century I
- MUS 4432 Teaching Music in the 21st Century II
- MUS 4434 Teaching Music to Learners with Exceptionalities
- MUS 4541 Piano Pedagogy I
- MUS 4542 Piano Pedagogy II
- MUS 4543 Piano Pedagogy III
- MUS 4544 Piano Pedagogy IV
- MUS 4547 Instrumental Teaching Studio
- MUS 4555 Piano Repertoire I
- MUS 4556 Piano Repertoire II
- MUS 4561 Vocal Repertoire I
- MUS 4562 Vocal Repertoire II
- MUS 4563 Instrumental Repertoire I

- MUS 4564 Instrumental Repertoire II
- MUS 4565 Choral Literature
- MUS 4581 Advanced Choral Conducting
- MUS 4582 Advanced Instrumental Conducting
- MUS 4601 Jazz Composing and Arranging I
- MUS 4602 Jazz Composing and Arranging II
- MUS 4701 Orchestration
- MUS 4900 Special Topics in Music
- MUS 4950 Pedagogy Internship
- MUS 4994 Senior Pedagogy Project
- MUS 4996 Independent Study
- MUS 4997 College Teaching Apprenticeship

Multi-disciplinary course:

- MTD 3001 Performing Arts Experiences for Children

Course Descriptions

DAN 1003 - Fundamentals of Ballet Technique I (2)
Fundamental techniques of classical ballet. Designed for students with little or no ballet training. May be repeated. (Formerly DAN 103)

DAN 1006 - Fundamentals of Tap (2)
Fundamental tap class designed for students with little or no tap training. May be repeated. (Formerly DAN 106)

DAN 1013 - Fundamentals of Modern Techniques (2)
Fundamental techniques of modern dance. Designed for students with little or no dance training. May be repeated. (Formerly DAN 113)

DAN 1031 - Dance Conditioning/Pilates Mat (0 or 1)
Focus on building body strength, flexibility, endurance, and coordination without adding muscle bulk by utilizing the Pilates technique. Open to all levels. (Formerly DAN 131)

DAN 1032 - Dance Conditioning/Pilates Reformer (0 or 1)
Focus on building body strength, flexibility, endurance, and coordination without adding muscle bulk by utilizing the Pilates technique. A Pilates Reformer is used to incorporate spring resistance exercises. Open to all levels. (Formerly DAN 132)
Prerequisite(s): permission of instructor.

DAN 1100 - Ballet (2)
Technique of classical ballet. Each course may be repeated.(Formerly DAN 100)

DAN 1110 - Modern Dance (3)
Technique of modern dance. May be repeated for additional credit. (Formerly DAN 110)

DAN 1220 - Jazz Dance (2)
Technique of jazz dance. Course may be repeated. (Formerly DAN 120)

DAN 1240 - African Dance (0 or 2)
A participatory dance course that studies and performs traditional dances from different regions of Africa. Focus is on African dance techniques and the relationship between African dance and drumming. May be repeated for up to 8 credits. (Formerly DAN 140)

DAN 1260 - Tap Dance I (0 or 2)
Technique of tap-dance. May be repeated. (Formerly DAN 160)

DAN 1373 - Dance History and Appreciation (4)
An historical survey of the development of theatre dance in Western culture. Course materials presented through lecture, discussion, films, slides and viewing of live dance performances. *Satisfies the university general education requirement in the arts knowledge exploration area. (Formerly DAN 173)*

DAN 1375 - Dance in American Culture (4)
Course surveys ethnic dance in America through lecture and demonstration. Dance guest artists/teachers representing different cultures will demonstrate and teach specific dance styles. The intent of the course is to aid students in understanding and appreciating ethnic diversity through dance. *Satisfies the university general education requirement in the arts knowledge exploration area. Satisfies the university general education requirement in U.S. diversity. (Formerly DAN 175)*

DAN 1377 - Dance in Film (4)
Survey of dance in film, exploring the roots of the genre and its role in U.S. race relations in entertainment by examining the work of pivotal artists from silent films, the emergence of the movie musical, and the Golden Age of Hollywood, to MTV and online music video releases.

DAN 1500 - Dance Improvisation/Choreography I (2)
An exploration of movement through improvisation. Students will develop their own movements through dance ideas and problem solving. (Formerly DAN 170)

DAN 2003 - Fundamentals of Ballet Technique II (2)
Fundamental techniques of classical ballet; continuation of (DAN 103 or DAN 1003). Designed for beginning ballet students. May be repeated for up to 8 credits. (Formerly DAN 203)
Prerequisite(s): (DAN 103 or DAN 1003)

DAN 2100 - Ballet (2)
Technique of classical ballet. Each course may be repeated. (Formerly DAN 200)
Prerequisite(s): (DAN 100 or DAN 1100)

DAN 2110 - Modern Dance (3)
Technique of modern dance. May be repeated for additional credit. (Formerly DAN 210)
Prerequisite(s): (DAN 110 or DAN 1110)

DAN 2220 - Jazz Dance (2)
Technique of jazz dance. May be repeated. (Formerly DAN 220)
Prerequisite(s): (DAN 120 or DAN 1220)

DAN 2230 - Special Dance Techniques (2)
Participatory dance course designed to provide experiences with current trends in dance technique at the beginning or intermediate level. May be repeated for up to 8 credits. (Formerly DAN 230)
Prerequisite(s): one dance course.

DAN 2260 - Tap Dance II (2)
Technique of tap dance. May be repeated. (Formerly DAN 260)
Prerequisite(s): (DAN 160 or DAN 1260) or permission of instructor.

DAN 2299 - Dance Workshop (1 TO 4)
A workshop designed to give students opportunities for participation in a variety of dance experiences led by performing artists. Normally offered in the summer. Graded S/U. May be repeated for up to 16 credits. (Formerly DAN 299)

DAN 2440 - Learning and Teaching Dance (1)
Introduction to the learning and teaching of dance in classroom settings.
Prerequisite(s): (WRT 1060 or WRT 160) with a grade of 3.0 or higher.

DAN 2441 - Educational Psychology and Dance Learning (3)
Theories of learning and their implications for and applications to dance education practice, including study of developmentalist, behaviorist, cognitivist, and constructivist theories and what they imply about the nature of teaching and learning in classroom settings. Some field observation required.
Prerequisite(s): DAN 2440 with a grade of 2.8 or higher.

DAN 2500 - Choreography II (4)
Theory of dance composition through reading, discussion, observation and experimentation. Lab required. (Formerly DAN 270)
Prerequisite(s): (DAN 170 or DAN 1500)

DAN 2640 - Dance Production (2)
Production based laboratory course that will cover lighting, costuming, makeup, and technological components of dance. (Formerly DAN 240)

DAN 3030 - Kinesiology for the Dancer (4)
Analysis of movement from an anatomical and mechanical point of view with emphasis on problems of dance technique. Also includes prevention and treatment of dance-related injuries.
Prerequisite(s): three dance courses. (Formerly DAN 330)

DAN 3100 - Ballet (2)
Technique of classical ballet. May be repeated. (Formerly DAN 300)
Prerequisite(s): (DAN 200 or DAN 2100); major standing or permission of instructor.

DAN 3110 - Modern Dance (3)
Technique of modern dance. May be repeated for additional credit. (Formerly DAN 310)
Prerequisite(s): (DAN 210 or DAN 2110); major standing.

DAN 3220 - Jazz Dance (2)
Technique of jazz dance. May be repeated. (Formerly DAN 320)
Prerequisite(s): (DAN 220 or DAN 2220) or permission of instructor.

DAN 3260 - Tap Dance III (2)
Advanced tap dance technique. May be repeated. (Formerly DAN 360)
Prerequisite(s): (DAN 260 or DAN 2260) or permission of instructor.

DAN 3273 - Dance for Musical Theatre (2)
Applied dance course that covers the techniques and styles of dance for musical theatre prevalent from the 1920s until the present day. (Formerly DAN 373)

DAN 3380 - Contemporary Dance History: Revolution and Revisionism (4)
Comprehensive dance history for dance majors that covers 20th and 21st century choreographers from a thematic point of view. (Formerly DAN 380). *Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement.*
Prerequisite(s): (DAN 173 or DAN 1373), major standing in dance or permission of the instructor.

DAN 3440 - Teaching Dance to Pre-K-5 Learners (3)
Principles and practices for developing, designing, and teaching curricula for preschool and elementary school dance programs and for designing portfolio assessment to meet state standards. Explores a range of teaching approaches and the roles and responsibilities of a dance specialist in a school setting. 20 hours of fieldwork required.
Prerequisite(s): DAN 2440 and DAN 2441, each with grades of 2.8 or higher.

DAN 3441 - Teaching Dance in Secondary Schools (3)
Continuation of DAN 3440 with a focus on teaching dance in middle school and high school settings. 20 hours of fieldwork required.
Prerequisite(s): DAN 3440 with a grade of 2.8 or higher.

DAN 3450 - Creative Dance for Children (4)
Methods and styles of teaching dance to children within schools, community centers and private studios. (Formerly DAN 350)
Prerequisite(s): major standing in dance or dance education minor.
Pre/Corequisite(s): (DAN 300 or DAN 3100) and (DAN 310 or DAN 3110) or permission of instructor.

DAN 3500 - Choreography III (4)
Continuation of (DAN 270 or DAN 2500) at a more advanced level. Lab required. *Satisfies the university general education requirement for the capstone experience. (Formerly DAN 370)*
Prerequisite(s): (DAN 270 or DAN 2500), major standing in dance, or permission of the instructor.

DAN 3700 - Oakland Dance Theatre (0 or 1)
A technique- and performance-based laboratory course. Each student will participate in a dance performance during the semester, either as a performer or choreographer. May be repeated for up to 8 credits. Graded S/U. (Formerly DAN 376)
Prerequisite(s): audition and instructor permission.

DAN 4100 - Ballet (2)
Technique of classical ballet. May be repeated. (Formerly DAN 400)
Prerequisite(s): (DAN 300 or DAN 3100), major standing or permission of instructor.

DAN 4102 - Advanced Ballet: Partnering (2)
May be repeated. (Formerly DAN 402)

DAN 4104 - Advanced Ballet: Pointe (1)
Technique class that emphasizes advanced ballet skills using pointe shoes. Additionally, students will learn a range of ballet repertoire during the semester. May be repeated. (Formerly DAN 404)
Pre/Corequisite(s): (DAN 100 or DAN 1100)

DAN 4110 - Modern Dance (3)
Technique of modern dance. May be repeated for additional credit. (Formerly DAN 410)
Prerequisite(s): (DAN 310 or DAN 3110), major standing.

DAN 4111 - Professional-level Dance Technique in Ballet and Modern Dance (2)
Modern and ballet dance technique taught in professional dance company environment. Designed for advanced dancers as a pre-professional training program. May be repeated. (Formerly DAN 411)
Prerequisite(s): (DAN 310 or DAN 3110) with a grade of 2.0 or higher and permission of instructor.

DAN 4220 - Jazz Dance (2)
Technique of jazz dance. May be repeated. (Formerly DAN 420)
Prerequisite(s): (DAN 320 or DAN 3220) or permission of instructor.

DAN 4441 - Dance Pedagogy (4)
Theory and practice of teaching dance technique with emphasis on ballet and modern dance. Includes study of age-appropriate and level-appropriate instruction, correct anatomical approach to dance training, and lesson and unit planning. (Formerly DAN 441)
Prerequisite(s): (DAN 300 or DAN 3100) and (DAN 310 or DAN 3110)

DAN 4500 - Senior Recital (2)
Dance program choreographed and performed by a student in the final year of dance study. (Formerly DAN 470)
Prerequisite(s): audition and permission of instructor.

DAN 4501 - Senior Recital II (2)
Continuation of (DAN 470 or DAN 4500). (Formerly DAN 471)
Prerequisite(s): (DAN 470 or DAN 4500).

DAN 4625 - Issues and Trends in Dance (2)
Readings, videos, and discussions pertaining to dance today. Topics will range from post modernism, dance theory, dance notation, dance education, multi-cultural influences, and computers and dance. (Formerly DAN 425)
Prerequisite(s): major standing in dance, 3100/3110 level in technique or permission of the instructor.

DAN 4628 - Opportunities and Careers in Dance (2)
Survey of business techniques and procedures, laws, copyrights, grant writing and accounting practices in the field of dance; a study of the production aspects of a dance performance; and a study of career opportunities related to dance. (Formerly DAN 428)
Prerequisite(s): permission of instructor.

DAN 4700 - Repertory Dance Company (0 or 1)
Advanced technique and performance-based laboratory course. Student will participate in rehearsals and performances of dance works by various choreographers. May be repeated for a maximum of 12 credits. Graded S/U. (Formerly DAN 475)
Prerequisite(s): audition and permission of instructor.

DAN 4900 - Special Topics (1 TO 4)
Group study of current topics in dance. May be repeated for up to 16 credits. (Formerly DAN 430)
Prerequisite(s): three dance courses.

DAN 4996 - Independent Study (1 TO 4)
Permission of instructor. May be repeated for additional credit. Graded S/U. (Formerly DAN 490)

DAN 4997 - College Teaching Apprenticeship (2 OR 4)
Supervised participation in teaching an undergraduate course in dance, together with discussion of teaching methods and objectives. May be repeated for up to 8 credits. (Formerly DAN 497)
Prerequisite(s): permission of instructor.

DAN 4998 - Apprenticeship (4)
Students selected to apprentice with Eisenhower Dance Ensemble (EDE) earn credit depending upon frequency of participation. S/U grading only. May be repeated for up to 16 credits. (Formerly DAN 498)
Prerequisite(s): instructor permission.

MTD 3001 - Performing Arts Experiences for Children (3)
Introduction to the performing arts designed to provide prospective teachers with a basis and background for integrating musical, theatrical, and dance experiences into classroom curricula. (Formerly MTD 301)
Prerequisite(s): major standing.

MUA 1000 - Voice (1 TO 2)
Admission to music program through audition. (Formerly MUA 100)

MUA 1002 - Piano (1 OR 2)
(Formerly MUA 101)

MUA 1004 - Organ (1 OR 2)
(Formerly MUA 102)

MUA 1005 - Harpsichord (1 OR 2)
(Formerly MUA 103)

MUA 1010 - Violin (1 OR 2)
(Formerly MUA 104)

MUA 1011 - Viola (1 OR 2)
(Formerly MUA 105)

MUA 1012 - Violoncello (1 OR 2)
(Formerly MUA 106)

MUA 1013 - Double Bass (1 OR 2)
(Formerly MUA 107)

MUA 1020 - Flute (1 OR 2)
(Formerly MUA 108)

MUA 1021 - Oboe (1 OR 2)
(Formerly MUA 109)

MUA 1022 - Clarinet (1 OR 2)
(Formerly MUA 110)

MUA 1023 - Bassoon (1 OR 2)
(Formerly MUA 111)

MUA 1024 - Saxophone (1 OR 2)
(Formerly MUA 124)
MUA 1030 - French Horn (1 OR 2)
(Formerly MUA 112)

MUA 1031 - Trumpet (1 OR 2)
(Formerly MUA 113)

MUA 1032 - Trombone (1 OR 2)
(Formerly MUA 114)

MUA 1033 - Euphonium (1 OR 2)
(Formerly MUA 136)

MUA 1034 - Tuba (1 OR 2)
(Formerly MUA 115)

MUA 1040 - Timpani (1 OR 2)
(Formerly MUA 116)

MUA 1041 - Percussion (1 OR 2)
(Formerly MUA 117)

MUA 1050 - Harp (1 OR 2)
(Formerly MUA 118)

MUA 1051 - Guitar (Classical) (1 OR 2)
(Formerly MUA 119)

MUA 1052 - Bass Guitar (1 OR 2)
(Formerly MUA 120)

MUA 1060 - Piano (jazz) (1 OR 2)
(Formerly MUA 130)

MUA 1061 - Guitar (jazz) (1 OR 2)
(Formerly MUA 131)

MUA 1062 - Trumpet (jazz) (1 OR 2)
(Formerly MUA 132)

MUA 1063 - Saxophone (jazz) (1 OR 2)
(Formerly MUA 133)

MUA 1064 - Trombone (jazz) (1 TO 2)
(Formerly MUA 137)
MUA 1065 - Percussion (jazz) (1 OR 2)
(Formerly MUA 134)

MUA 1066 - Double Bass (jazz) (1 OR 2)
(Formerly MUA 135)

MUA 1075 - World Percussion (1 OR 2)
(Formerly MUA 125)

MUA 1080 - Composition (2)
Private lessons in composition and composition laboratory: studies, exercises and projects concerning creativity and craft in composing music. Weekly seminar is also required. May be repeated for credit.
(Formerly MUT 415)
Prerequisite(s): Composition majors: (MUT 114 or MUS 1214), (MUT 115 or MUS 1215) with average grade of 3.5 or higher. Non-composition majors: (MUT 114 or MUS 1214), (MUT 260 or MUS 2701), (MUT 261 or MUS 2702) with average grade of 3.5 or higher.

MUA 1960 - Applied Music (1 OR 2)
(Formerly MUA 149)

MUA 2000 - Voice (1 OR 2)
(Formerly MUA 200)

MUA 2002 - Piano (1 OR 2)
(Formerly MUA 201)

MUA 2004 - Organ (1 OR 2)
(Formerly MUA 202)

MUA 2005 - Harpsichord (1 OR 2)
(Formerly MUA 203)

MUA 2010 - Violin (1 OR 2)
(Formerly MUA 204)

MUA 2011 - Viola (1 OR 2)
(Formerly MUA 205)

MUA 2012 - Violoncello (1 OR 2)
(Formerly MUA 206)

MUA 2013 - Double Bass (1 OR 2)
(Formerly MUA 207)

MUA 2020 - Flute (1 OR 2)
(Formerly MUA 208)

MUA 2021 - Oboe (1 OR 2)
(Formerly MUA 209)

MUA 2022 - Clarinet (1 OR 2)
(Formerly MUA 210)

MUA 2023 - Bassoon (1 OR 2)
(Formerly MUA 211)

MUA 2024 - Saxophone (1 OR 2)
(Formerly MUA 224)

MUA 2030 - French Horn (1 OR 2)
(Formerly MUA 212)

MUA 2031 - Trumpet (1 OR 2)
(Formerly MUA 213)

MUA 2032 - Trombone (1 OR 2)
(Formerly MUA 214)
MUA 2033 - Euphonium (1 OR 2)
(Formerly MUA 236)

MUA 2034 - Tuba (1 OR 2)
(Formerly MUA 215)

MUA 2040 - Timpani (1 OR 2)
(Formerly MUA 216)

MUA 2041 - Percussion (1 OR 2)
(Formerly MUA 217)

MUA 2050 - Harp (1 OR 2)
(Formerly MUA 218)

MUA 2051 - Guitar (Classical) (1 OR 2)
(Formerly MUA 219)

MUA 2052 - Bass Guitar (1 OR 2)
(Formerly MUA 220)

MUA 2060 - Jazz (piano) (1 OR 2)
(Formerly MUA 230)

MUA 2061 - Guitar (jazz) (1 OR 2)
(Formerly MUA 231)

MUA 2062 - Trumpet (jazz) (1 OR 2)
(Formerly MUA 232)

MUA 2063 - Saxophone (jazz) (1 OR 2)
(Formerly MUA 233)

MUA 2064 - Trombone (jazz) (1 TO 2)
(Formerly MUA 237)

MUA 2065 - Percussion (jazz) (1 OR 2)
(Formerly MUA 234)

MUA 2066 - Double Bass (jazz) (1 OR 2)
(Formerly MUA 235)

MUA 2075 - World Percussion (1 OR 2)
(Formerly MUA 225)

MUA 2080 - Composition (2)
Private lessons in composition and composition laboratory: studies, exercises and projects concerning creativity and craft in composing music. Weekly seminar is also required. May be repeated for credit.
(Formerly MUT 415)
Prerequisite(s): Composition majors: (MUT 114 or MUS 1214), (MUT 115 or MUS 1215) with average grade of 3.5 or higher. Non-composition majors: (MUT 114 or MUS 1214), (MUT 260 or MUS 2701), (MUT 261 or MUS 2702) with average grade of 3.5 or higher.

MUA 2960 - Applied Music (1 OR 2)
(Formerly MUA 249)

MUA 3000 - Voice (1 TO 4)
(Formerly MUA 300)

MUA 3001 - Vocal Coaching for Singers (1)
Studies to prepare the vocal student to perform in concert, recital, and musical theatre, including study of style, performance practices, diction, interpretation, and audition preparation. Includes preparation of musical theatre repertoire as well as art song literature appropriate to students' level of proficiency and accomplishment. (Formerly MUA 345).

MUA 3002 - Piano (1 TO 4)
(Formerly MUA 301)

MUA 3003 - Applied Piano (Advanced Level for Performer's Certificate) (4)
(Formerly MUA 340)

MUA 3004 - Organ (1 OR 2)
(Formerly MUA 302)

MUA 3005 - Harpsichord (1 OR 2)
(Formerly MUA 303)

MUA 3010 - Violin (1 TO 4)
(Formerly MUA 304)

MUA 3011 - Viola (1 TO 4)
(Formerly MUA 305)

MUA 3012 - Violoncello (1 TO 4)
(Formerly MUA 306)

MUA 3013 - Double Bass (1 TO 4)
(Formerly MUA 307)

MUA 3020 - Flute (1 TO 4)
(Formerly MUA 308)

MUA 3021 - Oboe (1 TO 4)
(Formerly MUA 309)

MUA 3022 - Clarinet (1 TO 4)
(Formerly MUA 310)

MUA 3023 - Bassoon (1 TO 4)
(Formerly MUA 311)

MUA 3024 - Saxophone (1 TO 4)
(Formerly MUA 324)

MUA 3030 - French Horn (1 TO 4)
(Formerly MUA 312)

MUA 3031 - Trumpet (1 TO 4)
(Formerly MUA 313)
MUA 3032 - Trombone (1 TO 4)
(Formerly MUA 314

MUA 3033 - Euphonium (1 TO 4)
(Formerly MUA 336)

MUA 3034 - Tuba (1 TO 4)
(Formerly MUA 315)

MUA 3040 - Timpani (1 TO 4)
(Formerly MUA 316)

MUA 3041 - Percussion (1 TO 4)
(Formerly MUA 317)

MUA 3050 - Harp (1 TO 4)
(Formerly MUA 318)

MUA 3051 - Guitar (Classical) (1 TO 4)
(Formerly MUA 319)

MUA 3052 - Bass Guitar (1 OR 2)
(Formerly MUA 320)

MUA 3060 - Jazz (piano) (1 OR 2)
(Formerly MUA 330)

MUA 3061 - Guitar (jazz) (1 OR 2)
(Formerly MUA 331)

MUA 3062 - Trumpet (jazz) (1 OR 2)
(Formerly MUA 332)

MUA 3063 - Saxophone (jazz) (1 OR 2)
(Formerly MUA 333)

MUA 3064 - Trombone (jazz) (1 TO 2)
(Formerly MUA 337)

MUA 3065 - Percussion (jazz) (1 OR 2)
(Formerly MUA 334)

MUA 3066 - Double Bass (jazz) (1 OR 2)
(Formerly MUA 335)
MUA 3075 - World Percussion (1 OR 2)
(Formerly MUA 325)

MUA 3080 - Composition (2)
Private lessons in composition and composition laboratory: studies, exercises and projects concerning creativity and craft in composing music. Weekly seminar is also required. May be repeated for credit. (Formerly MUT 415)
Prerequisite(s): Composition majors: (MUT 114 or MUS 1214), (MUT 115 or MUS 1215) with average grade of 3.5 or higher. Non-composition majors: (MUT 114 or MUS 1214), (MUT 260 or MUS 2701), (MUT 261 or MUS 2702) with average grade of 3.5 or higher.

MUA 3960 - Applied Music (1 OR 2)
(Formerly MUA 349)

MUA 4000 - Voice (1 TO 4)
(Formerly MUA 400)

MUA 4002 - Piano (1 TO 4)
(Formerly MUA 401)

MUA 4004 - Organ (1 OR 2)
(Formerly MUA 402)

MUA 4005 - Harpsichord (1 OR 2)
(Formerly MUA 403)

MUA 4010 - Violin (1 TO 4)
(Formerly MUA 404)

MUA 4011 - Viola (1 TO 4)
(Formerly MUA 405)

MUA 4012 - Violoncello (1 TO 4)
(Formerly MUA 406)

MUA 4013 - Double Bass (1 TO 4)
(Formerly MUA 407)

MUA 4020 - Flute (1 TO 4)
(Formerly MUA 408)

MUA 4021 - Oboe (1 TO 4)
(Formerly MUA 409)

MUA 4022 - Clarinet (1 TO 4)
(Formerly MUA 410)

MUA 4023 - Bassoon (1 TO 4)
(Formerly MUA 411)

MUA 4024 - Saxophone (1 TO 4)
(Formerly MUA 424)

MUA 4030 - French Horn (1 TO 4)
(Formerly MUA 412)

MUA 4031 - Trumpet (1 TO 4)
(Formerly MUA 413)

MUA 4032 - Trombone (1 TO 4)
(Formerly MUA 414)

MUA 4033 - Euphonium (1 TO 4)
(Formerly MUA 436)

MUA 4034 - Tuba (1 TO 4)
(Formerly MUA 415)
MUA 4040 - Timpani (1 TO 4)
(Formerly MUA 416)

MUA 4041 - Percussion (1 TO 4)
(Formerly MUA 417)

MUA 4050 - Harp (1 TO 4)
(Formerly MUA 418)

MUA 4051 - Guitar (Classical) (1 TO 4)
(Formerly MUA 419)

MUA 4052 - Bass Guitar (1 OR 2)
(Formerly MUA 420)

MUA 4060 - Piano (jazz) (1 OR 2)
(Formerly MUA 430)

MUA 4061 - Guitar (jazz) (1 OR 2)
(Formerly MUA 431)
MUA 4062 - Trumpet (jazz) (1 OR 2)
(Formerly MUA 432)

MUA 4063 - Saxophone (jazz) (1 OR 2)
(Formerly MUA 433)

MUA 4064 - Trombone (jazz) (1 TO 2)
(Formerly MUA 437)

MUA 4065 - Percussion (jazz) (1 OR 2)
(Formerly MUA 434)

MUA 4066 - Double Bass (jazz) (1 OR 2)
(Formerly MUA 435)

MUA 4075 - World Percussion (1 OR 2)
(Formerly MUA 425)

MUA 4080 - Composition (2)
Private lessons in composition and composition laboratory: studies, exercises and projects concerning creativity and craft in composing music. Weekly seminar is also required. May be repeated for credit. (Formerly MUT 415)
Prerequisite(s): Composition majors: (MUT 114 or MUS 1214), (MUT 115 or MUS 1215) with average grade of 3.5 or higher. Non-composition majors: (MUT 114 or MUS 1214), (MUT 260 or MUS 2701), (MUT 261 or MUS 2702) with average grade of 3.5 or higher.

MUA 4960 - Applied Music (1 OR 2)
(Formerly MUA 449)

MUA 4998 - Senior Recital (4 OR 6)
A recital approximately one hour in length (not including pauses and intermission) in which student demonstrates his/her creative and artistic abilities. Required in some music curricula as the culminating project before graduating, optional in others. Preparation for recital includes the applied lesson for the recital semester. (Formerly MUA 499). *Satisfies the general education requirement for the capstone experience.*
Prerequisite(s): at least one semester of 4000 level applied study.

MUE 3001 - University Chorus (0 OR 1)
Performance of a wide range of the large-group choral repertoire. No audition required. (Formerly MUE 301)

MUE 3004 - Oakland Chorale (0 OR 1)
Performance of a wide range of choral chamber repertoire from Renaissance to the present. (Formerly MUE 304)
Prerequisite(s): permission of instructor.

MUE 3015 - Oakland Jazz Singers (0 OR 1)
Ensemble performance of complex vocal jazz works. Development of jazz style and blend, scat-singing, solo production and microphone technique. (Formerly MUE 315)
Prerequisite(s): permission of instructor.

MUE 3019 - Chamber Orchestra (0 OR 1)
Performance of chamber orchestra repertoire. Membership by audition.
Prerequisite(s): permission of instructor. (Formerly MUE 319)

MUE 3020 - Oakland Symphony (0 OR 1)
Orchestral performance of repertoire from the 18th, 19th and 20th centuries. Several concerts per year, on- and off-campus. Accompaniments for solo concertos and university choral groups. Membership by audition. Graded S/U. (Formerly MUE 320)
Prerequisite(s): permission of instructor.

MUE 3029 - Symphonic Band (0 OR 1)
A non-auditioned instrumental ensemble designed to offer performance opportunities for non-majors and laboratory experiences for music majors. (Formerly MUE 329)

MUE 3031 - Wind Symphony (0 OR 1)
An ensemble of wind instruments performing standard concert band literature.
Prerequisite(s): permission of instructor. (Formerly MUE 331)

MUE 3032 - Golden Grizzly Athletic Band (0 OR 1)
An instrumental ensemble that performs at various Oakland university campus and athletic events.(Formerly MUE 332)

MUE 3035 - Brass Band (0 OR 1)
Ensemble of brass and percussion instruments performing standard brass band literature. (Formerly MUE 335)

MUE 3040 - Oakland University Jazz Band (0 OR 1)
A big band jazz ensemble performing traditional and contemporary jazz literature. Experience will be gained in ensemble and improvisational performance. Audition required. (Formerly MUE 340)

MUE 3041 - Jazz Improvisation Combos (0 OR 1)
Performance based ensemble environment designed to provide the student with jazz improvisational understanding and skills. Study and performance of traditional and progressive instrumental and vocal repertoire. (Formerly MUE 341)

MUE 3045 - African Ensemble (0 OR 1)
Study and performance of drumming and xylophone traditions as related to African oral culture using authentic Ghanaian and Ugandan instruments. (Formerly MUE 345)

MUE 3046 - Steel Band (0 OR 1)
Study and performance of various Trinidadian and Caribbean styles using handcrafted steel drums. (Formerly MUE 346)

MUE 3048 - World Percussion Ensemble (0 OR 1)
Advanced study and performance of world percussion traditions. (Formerly MUE 348)
Prerequisite(s): permission of the instructor. (MUE 345 or MUE 3045) and (MUE 346 or MUE 3046) recommended.

MUE 3050 - Opera Workshop (0 OR 1)
Study and experience in various forms of operatic music theatre. (Formerly MUE 350)
Prerequisite(s): sophomore standing.

MUE 3055 - Opera (0 TO 2)
Production and performance of a full-scale opera. Cast by audition. (Formerly MUE 355)
Prerequisite(s): Sophomore standing.

MUE 3065 - Contemporary Music Ensemble (0 OR 1)
Study and performance of recent music, focusing on newly composed music, alternative repertoire, and non-jazz improvisation. (Formerly MUE 365)
Prerequisite(s): permission of instructor.

MUE 3070 - Guitar Ensemble (0 OR 1)
Performance practice and techniques of guitar literature involving two or more players. (Formerly MUE 370)

MUE 3071 - Saxophone Chamber Music (0 OR 1)
Performance, practice and techniques of saxophone literature involving two or more players.(Formerly MUE 371)

MUE 3072 - Flute Ensemble (0 OR 1)
Performance, practice and techniques of flute literature involving two or more players.(Formerly MUE 372)

MUE 3073 - Percussion Ensemble (0 OR 1)
Performance of music for various combinations of percussion instruments. (Formerly MUE 373)
Prerequisite(s): permission of instructor.

MUE 3074 - Brass Ensemble (0 OR 1)
Performance, practice and techniques of brass literature involving two or more players. (Formerly MUE 374)

MUE 3075 - Piano Ensemble (0 OR 1)
Class instruction in performance and repertory of multiple keyboard literature. (Formerly MUE 375).
Prerequisite(s): permission of instructor.

MUE 3076 - String Ensemble (0 OR 1)
Performance, practice and techniques of string literature involving two or more players. (Formerly MUE 376)

MUE 3080 - Chamber Music (0 TO 2)
Performing ensemble of various instrumentations. A spectrum of appropriate music literature, medieval through contemporary. (Formerly MUE 380)
Prerequisite(s): permission of instructor.

MUS 1000 - An Introduction to Music (4)
An introduction to Western art music and its traditions, with emphasis on music listening as an active and intellectual experience. No prior knowledge of music notation or theory is required. *Satisfies the university general education requirement in the arts knowledge exploration area. (Formerly MUS 100)*

MUS 1001 - What's On Your Playlist? Music Listening and the Self (4)
Examination of culturally and historically diverse music as aesthetic expression of experience. Emphasis on relationships in sound as vehicles for deeper understanding of ourselves and others. *Satisfies the university general education requirement in the arts knowledge exploration area. (Formerly MUS 101)*

MUS 1002 - Exploring Technology in Music (4)
Explore ways technology has transformed and continues to transform how people create, perform, listen to, and share music with others. Listen to, reflect on, and create music in an online setting to deepen understanding of the various dimensions of music and the ways technology shapes musicians' engagement with them. *Satisfies the university general education requirement in the arts knowledge exploration area. (Formerly MUS 102)*

MUS 1003 - Music, Culture and Western Civilization (4)
Examines selected historical events and developments in ideas and institutions through music as cultural expression. *Satisfies the university general education requirement in the western civilization knowledge exploration area. (Formerly MUS 103).*

MUS 1005 - Foundations of Rock (4)
A study of rock music rooted in African and African-American cultures as the result of social upheavals and economics and as a continuous and overwhelming influence on today's American society. *Satisfies the university general education requirement in the arts knowledge exploration area. Satisfies the university general education requirement in U.S. diversity. (Formerly MUS 105)*

MUS 1006 - Exploring Film Music (4)
Survey of music written for film from the early sound films to recent contributions using the range of genres from symphonic to popular idioms. Emphasis on how music shapes a film's emotion, pacing and subtext. *Satisfies the university general education requirement in the arts knowledge exploration area. (Formerly MUS 106)*

MUS 1007 - Exploring Jazz (4)
Survey of jazz and blues styles, performers and examples, in the context of the historical, social, economic and political background. *Satisfies the university general education requirement in the arts knowledge exploration area. Satisfies the university general education requirement in U.S. diversity. (Formerly MUS 107)*

MUS 1010 - Exploring African Music (4)
Study of music traditions in Africa and the African Diaspora, focusing on cultural context and the relationship of music to language, dance, ritual, and social activities. *Satisfies the university general education requirement in the arts knowledge exploration area or in the global perspective knowledge exploration area, not both. (Formerly MUS 110)*

MUS 1011 - Exploring Caribbean Music (4)
Study of the African-based music traditions found in the Caribbean Islands, South America and the United States. Emphasis on cultural context and the development of new musical forms by African-Americans. *Satisfies the university general education requirement in the arts knowledge exploration area. Satisfies the university general education requirement in U.S. diversity. (Formerly MUS 111)*

MUS 1100 - Vocal Techniques for Non-Majors (2)
Introduction to the technique of singing geared to the non-major. Basic breath control, voice placement, and diction, with an emphasis on healthy voice production crossing musical styles.(Formerly MUA 150)

MUS 1101 - Beginning Piano for Non-Majors (2)
Introduction to basic keyboard skills, designed for students with little or no musical background.(Formerly MUA 151)

MUS 1103 - Beginning Guitar for Non-Majors (2)
Introduction to basic guitar, designed for students with little or no prior experience. Student must have access to a playable guitar. (Formerly MUA 152)

MUS 1104 - Intermediate Guitar for Non-Majors (2)
Playing guitar in small jazz, classical, and popular music ensembles. An extension of MUA 152 or MUS 1103. Student must own or have access to a playable guitar. (Formerly MUA 153)
Prerequisite(s): completion of (MUA 152 or MUS 1103) with a grade of 2.8 or higher or successfully passing a placement exam.

MUS 1160 - Vocal Techniques (2)
Techniques of singing, including diction, breath control, projection and repertoire. This course is a prerequisite to private voice study. (Formerly MUA 160)
Prerequisite(s): open to music and music theatre majors only.

MUS 1161 - Vocal Techniques for Instrumentalists I (1)
Introduction to singing with emphasis on alignment, breath control, projection, basic anatomy of the voice, and voice health, including the speaking voice. (Formerly MUA 161)

MUS 1162 - Vocal Techniques for Instrumentalists II (2)
Continuation of the basic techniques of (MUA 161 or MUS 1161) with more detailed attention to diction (International Phonetic Alphabet). Winter semester. (Formerly MUA 162)
Prerequisite(s): (MUA 161 or MUS 1161)

MUS 1171 - Keyboard Technique I (2)
Development of the basic keyboard facility essential to any musician and some acquaintance with keyboard literature. May not be repeated for credit. (Formerly MUA 191)
Prerequisite(s): open to music majors only.
Corequisite(s): (MUT 112 or MUS 1212) or equivalent.

MUS 1172 - Keyboard Technique II (2)
Development of the basic keyboard facility essential to any musician and some acquaintance with keyboard literature. May not be repeated for credit. Open to music majors only. (Formerly MUA 192)
Prerequisite(s): (MUA 191 or MUS 1171)
Corequisite(s): (MUT 114 or MUS 1214) or equivalent.

MUS 1175 - Piano Technique Seminar (1)
Provides piano majors and minors with basic terminology and instructions relating to piano technique, music learning and musical interpretation. Assists students in developing a clearer, and stronger understanding of how to become a more successful learner and performer.

MUS 1205 - Basic Musicianship for Musical Theatre Majors I (2)
Develops understanding of the elements of music and how they interact within musical works, to enable students who use music in musical theatre performance to develop sufficient understanding of music concepts to use music effectively in performance and grasp basic rudiments of reading written music, including melody, rhythm, chords. (Formerly MUT105)
Prerequisite(s): musical theatre majors only.

MUS 1206 - Basic Musicianship for Musical Theatre Majors II (2)
Continuation of (MUT 105 or MUS 1205) (Formerly MUT 106)
Prerequisite(s): (MUT 105 or MUS 1205). Musical theatre majors only.

MUS 1207 - Basic Musicianship for Dancers (2)
Study of musical comprehension with particular focus on rhythm and sound organization and their relationship to physical impulse and response. (Formerly MUT 109)

MUS 1211 - Basic Musicianship for Music Students (2)
A study of traditional Western music notation systems, focusing on how those systems indicate to the performer the various elements of music. Emphasis on diatonic relationships within major and minor keys. Intended for the music major who needs remedial preparation for (MUT 112 or MUS 1212) (Formerly MUT 111)

MUS 1212 - Music Theory I (3)
Fundamentals of musical structure, form, analysis and style. Intended for music majors. To be taken with (MUT 113 or MUS 1213). (Formerly MUT 112)
Prerequisite(s): (MUT 111 or MUS 1211) or placement exam.
Corequisite(s): (MUT 113 or MUS 1213)

MUS 1213 - Aural Skills I (1)
A laboratory experience to accompany (MUT 112 or MUS 1212) (Formerly MUT 113)
Prerequisite(s): (MUT 111 or MUS 1211) or placement exam.

MUS 1214 - Music Theory II (3)
Continuation of (MUT 112 or MUS 1212). To be taken with (MUT 115 OR MUS 1215). (Formerly MUT 114)
Prerequisite(s): (MUT 112 or MUS 1212) and (MUT 113 or MUS 1213) (or placement exam).

MUS 1215 - Aural Skills II (1)
A laboratory experience to accompany (MUT 114 or MUS 1214). (Formerly MUT 115)
Prerequisite(s): (MUT 112 or MUS 1212) and (MUT 113 or MUS 1213) (or placement exam).

MUS 1331 - History and Literature of Western Tonal Music (3)
Survey of Western tonal music from Monteverdi (ca. 1600) to Mahler (ca. 1900). Emphasis on active listening and analysis from scores. (Formerly MUS 131). *Satisfies the general education requirement in the arts knowledge exploration area.*
Corequisite(s): (MUT 112 or MUT 1212) and (MUT 113 or MUT 1213)

MUS 1332 - Music of World Cultures (3)
Study of music traditions from world cultures including Africa, the Caribbean, India, Indonesia, the Middle East and North America; also an introduction to the discipline of ethnomusicology. (Formerly MUS 132)
Pre/Corequisite(s): (MUT 112 or MUT 1212) or (MUT 114 or MUT 1214)

MUS 2020 - Computer-based Music Composition (4)
Hands-on study of creative computer music composition in a variety of musical styles and genres. Creative concepts in composing introduced through the use of Digital Audio and MIDI interfacing through project-based activities. *Satisfies the university general education requirement in the knowledge applications integration area. Prerequisite for knowledge applications integration: completion of the general education requirement in the arts knowledge exploration area. (Formerly MUS 220)*
Prerequisite(s): any MUS course that has met the general education knowledge explorations requirement.

MUS 2025 - Exploring Songwriting (4)
Analysis of a wide variety of songs and creation of students' own songs. Emphasis on free thinking and creativity within the student songwriting process. Ability to read music advantageous but not required. *Satisfies the university general education requirement in the knowledge applications integration area. Prerequisite for knowledge applications integration: completion of the general education requirement in the arts knowledge exploration area. (Formerly MUS 225)*
Prerequisite(s): one of the following: (MUS 100 or MUS 1000), (MUS 101 or MUS 1001), (MUS 102 or MUS 1002), (MUS 105 or MUS 1005), (MUS 106 or MUS 1006), (MUS 107 or MUS 1007), (MUS 110 or MUS 1010), or (MUS 111 or MUS 1011)

MUS 2163 - Diction for Singers I (2)
Techniques for pronouncing foreign languages in singing. Focus on International Phonetic Alphabet (IPA), English, Italian, and Latin. (Formerly MUS 211)

MUS 2164 - Diction for Singers II (2)
Techniques for pronouncing foreign languages in singing. Focus on International Phonetic Alphabet (IPA), French, and German. (Formerly MUS 212)
Prerequisite(s): (MUS 211 or MUS 2163)

MUS 2171 - Keyboard Technique III (2)
Development of the basic keyboard facility essential to any musician and some acquaintance with keyboard literature. May not be repeated for credit. Open to music majors only. (Formerly MUA 291)
Prerequisite(s): (MUA 192 or MUS 1172) and (MUT 114 or MUS 1214)

MUS 2172 - Keyboard Technique IV (2)
Development of the basic keyboard facility essential to any musician and some acquaintance with keyboard literature. May not be repeated for credit. Open to music majors only. (Formerly MUA 292)
Prerequisite(s): (MUA 291 or MUS 2171).

MUS 2212 - Music Theory III (3)
Continuation of (MUT 114 or MUS 1214). (Formerly MUT 212)
Prerequisite(s): (MUT 114 or MUS 1214) and (MUT 115 or MUS 1215) (or placement exam).

MUS 2213 - Aural Skills III (1)
Laboratory experience to accompany (MUT 212 or MUS 2212). (Formerly MUT 213)
Prerequisite(s): (MUT 114 or MUS 1214) and (MUT 115 or MUS 1215) (or placement exam).

MUS 2214 - Music Theory IV (3)
Continuation of (MUT 213 or MUS 2213). (Formerly MUT 214)
Prerequisite(s): (MUT 212 or MUS 2212) and (MUT 213 or MUS 2213) (or placement exam).

MUS 2215 - Aural Skills IV (1)
A laboratory experience to accompany (MUT 214 or MUS 2214). (Formerly MUT 215)
Prerequisite(s): (MUT 212 or MUS 2212) and (MUT 213 or MUS 2213) (or placement exam).

MUS 2420 - Instrumental Techniques for Choral Majors (2)
Introduction to the teaching of basic performance skills on band and orchestral instruments for students majoring in choral/general music education. Winter semester. (Formerly MUA 250)

MUS 2421 - Percussion Techniques (1)
Principles and practices of teaching percussion students in school music programs. Includes basic playing technique for teachers. (Formerly MUA 270)

MUS 2422 - Brass Techniques (1)
Principles and practices of teaching brass students in school music programs. Includes basic playing technique for teachers. (Formerly MUA 272)

MUS 2423 - Woodwind Techniques (1)
Principles and practices of teaching woodwind students in school music programs. Includes basic playing technique for teachers. (Formerly MUA 237)

MUS 2424 - String Techniques (1)
Principles and practices of teaching string students in school music programs. Includes basic playing technique for teachers. (Formerly MUA 274)

MUS 2440 - Learning and Teaching Music (1)
Introduction to the learning and teaching of music in classroom settings. Introduction to the learning and teaching of music in classroom settings. (Formerly MUS 140)
Prerequisite(s): (MUS 131 or MUS 1331), (MUS 132 or MUS 1332), (MUT 114 or MUS 1214), (MUT 115 or MUS 1215) and (WRT 160 or WRT 1060) or equivalent with a grade of 3.0 or higher

MUS 2441 - Educational Psychology and Music Learning (3)
Theories of learning and their implication for and application to music education practice, including study of developmentalist, behaviorist, cognitivist and constructivist theories and what they imply about the nature of teaching and learning in classroom and studio settings. Some field observation required. (Formerly MUS 240)
Prerequisite(s): (MUS 140 or MUS 2440)

MUS 2701 - Creative Composition I (2)
Techniques for composing original music including approaches to conceptualization, form, texture, melody, harmony and counterpoint. Skills will be developed in music notation, synthesizers, sequences and computer software. Frequent composition projects will be assigned and performed in class. (Formerly MUT 260)

MUS 2702 - Creative Composition II (2)
Continuation of (MUT 260 or MUS 2701). (Formerly MUT 261)
Prerequisite(s): (MUT 260 or MUS 2701)

MUS 2996 - Independent Study (1 TO 4)
Normally for freshmen and sophomores. (Formerly MUS 295)
Prerequisite(s): permission of the music program.

MUS 3018 - The Business of Music (4)
A survey of business techniques and procedures, laws, licensing and accounting practices in the music industry, and a study of career opportunities related to music. (Formerly MUS 318)

MUS 3053 - Audio Techniques (2)
Study of electronic issues, basic hardware, and acoustical phenomena associated with sound recording and sound reinforcement. Projects will involve the recording of live concerts.(Formerly MUS 353)

MUS 3054 - The Recording Studio (2)
Continuation of (MUS 353 or MUS 3053) and a study of recording, editing, mixing and mastering in a recording studio. The experience will conclude with the mastering of a CD. (Formerly MUS 354)
Prerequisite(s): (MUS 353 or MUS 3053)

MUS 3171 - Accompanying for the Non-pianist I (2)
Basic accompanying skills for the non-piano major. Designed for music majors who will need basic accompanying skills to function effectively in either the classroom or the private studio. (Formerly MUA 391)
Prerequisite(s): (MUA 292 or MUS 2172)

MUS 3172 - Accompanying for the Non-pianist II (2)
Continuation of (MUA 391 or MUS 3171). (Formerly MUA 392)
Prerequisite(s): (MUA 391 or MUS 3171)

MUS 3173 - Keyboard Skills for the Piano Major I (2)
Functional skills for keyboard majors, including sight-reading, transposition, harmonization and score-reading. (Formerly MUA 443)

MUS 3174 - Keyboard Skills for the Piano Major II (2)
Continuation of (MUA 443 or MUS 3173). (Formerly MUA 444)
Prerequisite(s): (MUA 443 or MUS 3173)

MUS 3175 - Accompanying for Piano Majors (2)
Accompanying for students whose major instrument is piano. (Formerly MUA 375)

MUS 3176 - Accompaniment Practicum (1 TO 2)
Experience in piano accompaniment of solo and/or ensembles, vocal and instrumental. May be repeated for credit. (Formerly MUA 376)
Prerequisite(s): (MUA 375 or MUS 3175) or permission of instructor.

MUS 3211 - Musical Analysis and Form (4)
Techniques of analyzing works of various styles and periods with an emphasis on tonal music. (Formerly MUT 311)
Prerequisite(s): (MUT 214 or MUS 2214), (MUT 215 or MUS 2215)

MUS 3212 - Counterpoint (4)
Study of the contrapuntal style of the 17th and 18th centuries; includes composition and analysis in the styles. (Formerly MUT 312)
Prerequisite(s): (MUT 214 or MUS 2214), (MUT 215 or MUS 2215)

MUS 3331 - History and Literature of Medieval and Renaissance Music (3)
Survey of Western Music from the earliest notated plainchant to Monteverdi (ca. 1600). (Formerly MUS 331). *Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement.*
Prerequisite(s): (MUS 131 or MUS 1331); (MUT 114 or MUS 1214), (MUT 115 or MUS 1215)

MUS 3332 - History and Literature of Western Music from ca. 1850 to the Present (3)
Survey of Western Music from the time of Wagner to the present. *Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly MUS 332)*
Prerequisite(s): (MUS 131 or MUS 1331); (MUT 114 or MUS 1214), (MUT 115 or MUS 1215)

MUS 3441 - Elementary General Music Methods (3)
Principles and practices of teaching music, based on experiences in the elementary general music classroom. Emphasis on the development of musical understanding through an interactive, constructivist approach, including study of current trends in education and music education. Two hours per week participation in on-site field observation and teaching required. (Formerly MUS 241)
Prerequisite(s): (MUS 240 or MUS 2441)

MUS 3581 - Conducting I (2)
Basic techniques of conducting. Both choral and instrumental techniques are studied. (Formerly MUS 395)
Prerequisite(s): (MUT 214 or MUS 2214), (MUT 215 or MUS 2215)

MUS 3582 - Conducting II (2)
Continuation of (MUS 395 or MUS 3581). (Formerly MUS 396)
Prerequisite(s): (MUS 395 or MUS 3581)

MUS 3601 - Jazz Theory and Improvisation I (2)
Introduction to jazz theory and improvisation concepts, including the modes of the major scale, historical jazz language practices, analysis of transcribed solos, ear training and basic jazz piano techniques. (Formerly MUT 314)

MUS 3602 - Jazz Theory and Improvisation II (2)
Continuation of (MUT 314 or MUS 3601). (Formerly MUT 315)
Prerequisite(s): (MUT 314 or MUS 3601) or permission of instructor.

MUS 4210 - Analysis of Music Since 1900 (4)
Compositional and analytical techniques for music of the 20th and 21st centuries. (Formerly MUT 410)
Prerequisite(s): (MUT 214 or MUS 2214), (MUT 215 or MUS 2215)

MUS 4320 - The Nineteenth-Century Symphony: History, Performance and Analysis (4)
Nineteenth-century symphony from middle-period Beethoven to early Mahler. Aesthetics of absolute music and program music. Performance practice considered through historical recordings. Detailed analysis of selected examples. *Satisfies the university general education requirement for the capstone experience. Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly MUS 420)*
Prerequisite(s): (MUS 332 or MUS 3332), (MUT 214 or MUS 2214), (MUT 215 or MUS 2215)

MUS 4323 - Berlin's Musical Cultures: 1900-1989 (4)
Examines intersections between political and social crises and twentieth-century music with a focus on Berlin. *Satisfies the university general education requirement for the capstone experience. (Formerly MUS 423)*
Prerequisite(s): (MUS 331 or MUS 3331), (MUS 332 or MUS 3332), (MUT 214 or MUS 2214), (MUT 215 or MUS 2215)

MUS 4325 - Critical Theory Methodologies in the Global Arts (4)
Examines applications of critical theory to geographically and culturally diverse visual and performing arts. (Formerly MUS 425)
Prerequisite(s): (MUS 132 or MUS 1332) and one course selected from (MUS 110 or MUS 1010), (MUS 111 or MUS 1011), or (DAN 175 or DAN 1375)

MUS 4330 - Seminar in Opera and Drama (4)
Relationship between opera and drama, and the literary sources used by composers for such musical works, through an examination of a number of representative works in the opera repertory from 1600 to 1945. *Satisfies the university general education requirement for the capstone experience. Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly MUS 430)*
Prerequisite(s): (MUS 331 or MUS 3331), (MUS 332 or MUS 3332); (MUT 214 or MUS 2214), (MUT 215 or MUS 2215)

MUS 4401 - Instrumental Methods for Choral Majors (1)
Provides practical information related to the teaching of elementary instrumental music. Develops strategies for creative learning. Not open to students who have taken (MUS 400 or MUS 4402). (Formerly MUS 398)
Prerequisite(s): (MUS 241 or MUS 3441), (MUT 214 or MUS 2214), (MUT 215 or MUS 2215) and major standing in music education.

MUS 4402 - Elementary Instrumental Methods (2)
Provides practical information related to the teaching of elementary instrumental music. Develops strategies for creative learning. Not open to students who have taken (MUS 398 or MUS 4401). (Formerly MUS 400)
Prerequisite(s): (MUS 240 or MUS 2441), (MUS 332 or MUS 3332), (MUT 214 or MUS 2214), (MUT 215 or MUS 2215); and major standing in music education.

MUS 4403 - Secondary Instrumental Methods (2)
Provides practical information related to the teaching of middle school and high school instrumental music, e.g., teaching strategies, repertoire, materials and techniques. Emphasis on developing musical understanding through the performance experience. Three hours per week field experience is required. (Formerly MUS 404)
Prerequisite(s): (MUS 400 or MUS 4402), and major standing in music education.

MUS 4405 - Marching Band Methods (1)
Provides practical information related to the organization and teaching of marching band. Topics include strategies and techniques for teaching, rehearsal, and student motivation. Introduction to show design and drill writing. Three hours per week field experience is required. (Formerly MUS 405)
Prerequisite(s): (MUS 240 or MUS 2441), (MUS 332 or MUS 3332), (MUT 214 or MUS 2214), (MUT 215 or MUS 2215).

MUS 4406 - Jazz Pedagogy (1)
Preparation for teaching the fundamentals of jazz theory, jazz history, basic improvisation, and jazz ensemble rehearsal techniques. (Formerly MUS 406)

MUS 4407 - Choral Methods for Instrumental Majors (1)
Introduction to theory and practice of teaching and learning in the choral classroom with emphasis on teaching for musical understanding. Topics include literature, score study, lesson planning, assessment, and reflective practice. (Formerly MUS 409)
Prerequisite(s): (MUS 241 or MUS 3441), (MUS 332 or MUS 3332); (MUT 214 or MUS 2214), (MUT 215 or MUS 2215) and major standing in music education.

MUS 4408 - Choral Methods (3)
Introduction to theory and practice of teaching and learning in the choral classroom with emphasis on teaching for musical understanding. Topics include literature, score study, lesson planning, assessment, and reflective practice. 30-hour field placement required. (Formerly MUS 412)
Prerequisite(s): (MUS 241 or MUS 3441), (MUS 332 or MUS 3332); (MUT 214 or MUS 2214), (MUT 215 or MUS 2215); and major standing in music education.

MUS 4431 - Teaching Music in the 21st Century I (3)
Philosophical basis of learning and musical learning, their roots, historical contexts, assumptions and implications for education and music education practice. *Satisfies the university general education requirement for the capstone experience. Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly MUS 431)*
Prerequisite(s): major standing in music education.

MUS 4432 - Teaching Music in the 21st Century II (3)
Application of theoretical ideas learned in (MUS 431 or MUS 4431) in a secondary general music setting. Emphasis on the development of musical understanding through an interactive approach. (Formerly 432)
Prerequisite(s): (MUS 431 or MUS 4431)

MUS 4434 - Teaching Music to Learners with Exceptionalities (4)
Teaching music to K-12 learners with exceptionalities. Includes 13 disabilities recognized for services, IDEA, Individualized Education Plan, Section 504, assistive technology, inclusion, self-determination, universal design, accommodations and curriculum modifications, Response to Intervention, collaboration in the school community, and music therapy. Some field observation required. Fulfills special education requirement for certification. (Formerly MUS 434)
Prerequisite(s): (MUS 240 or MUS 2441) with a grade of 3.0 or higher.

MUS 4541 - Piano Pedagogy I (2)
Instructional strategies for teaching the beginning piano student, including methods, materials and the use of music technology. Various aspects of establishing and managing a piano studio will be addressed. Weekly observations required. (Formerly MUS 441)
Prerequisite(s): permission of instructor.

MUS 4542 - Piano Pedagogy II (2)
Instructional strategies for teaching the intermediate and advanced piano student, including methods, materials, repertoire and the use of music technology. Includes weekly observations and supervised teaching. (Formerly MUS 442)
Prerequisite(s): (MUS 441 or MUS 4541)

MUS 4543 - Piano Pedagogy III (3)
Instructional strategies for teaching advanced baroque-classical repertoire, including score analysis, period performance practice, continued technical training, and musicianship development. Students will engage in paired microteaching and receive feedback from peers and teacher.
Prerequisite(s): MUS 4542 (2.0) or MUS 442 (2.0)

MUS 4544 - Piano Pedagogy IV (3)
Instructional strategies for teaching advanced romantic-contemporary repertoire, including score analysis, period performance practice, continued technical training, and musicianship development. Students will engage in paired microteaching and receive feedback from peers and teacher.
Prerequisite(s): MUS 4543 (2.0)

MUS 4547 - Instrumental Teaching Studio (2)
Instructional strategies for teaching instrumental music in a private studio, including methods, materials, and music technology. (Formerly MUS 447)
Prerequisite(s): junior standing.

MUS 4555 - Piano Repertoire I (2)
Survey of piano repertoire from the baroque to classic (ca. 1600-ca. 1820). (Formerly MUS 455)
Prerequisite(s): instructor permission.

MUS 4556 - Piano Repertoire II (2)
Survey of piano repertoire from the classic to the present (ca. 1820 to the present). (Formerly MUS 457)
Prerequisite(s): (MUS 455 or MUS 4555) or permission of instructor.

MUS 4561 - Vocal Repertoire I (2)
Survey of literature for the voice with emphasis on historical style. Covers the Middle Ages through the 19th century, with emphasis on German song. (Formerly MUS 461)
Prerequisite(s): (MUS 211 or MUS 2163) (may be taken concurrently)

MUS 4562 - Vocal Repertoire II (2)
Survey of literature for the voice with emphasis on historical style. Covers 19th and 20th century music emphasizing French, British and American song. (Formerly MUS 462)
Prerequisite(s): (MUS 212 or MUS 2164) may be taken concurrently), and (MUS 461 or MUS 4561)

MUS 4563 - Instrumental Repertoire I (1)
Examination of instrumental repertoire with emphasis on chamber music, solo literature, and orchestral excerpts specific to the instrument of study. (Formerly MUS 463)
Prerequisite(s): junior standing.

MUS 4564 - Instrumental Repertoire II (1)
Continuation of (MUS 463 or MUS 4563). (Formerly MUS 464)
Prerequisite(s): (MUS 481 or MUS 4582) or (MUS 463 or MUS 4563)

MUS 4565 - Choral Literature (2)
Study of choral literature from the Renaissance to the present. Examination of music from each period with emphasis on literature selection for choral groups, understanding and interpretation of the scores, historical accuracy in performance, and program building, with an overall eye toward practical usage. (Formerly MUS 456)

MUS 4581 - Advanced Choral Conducting (2)
Studies in advanced choral technique and literature with emphasis on problem solving and practical applications. (Formerly MUS 480)
Prerequisite(s): (MUS 396 or MUS 3582) or permission of instructor.

MUS 4582 - Advanced Instrumental Conducting (2)
Studies in advanced instrumental technique and literature with emphasis on problem solving and practical applications. (Formerly MUS 481)
Prerequisite(s): (MUS 396 or MUS 3582) or permission of instructor.

MUS 4601 - Jazz Composing and Arranging I (2)
Composing and arranging technique for small jazz ensembles, including study of jazz notational systems, lead sheet creation, engraving and orchestration for small ensembles. (Formerly MUT 416)
Prerequisite(s): (MUT 315 or MUS 3602) or permission of instructor.

MUS 4602 - Jazz Composing and Arranging II (2)
Composing and arranging techniques for large jazz ensembles, including study of typical big band writing, formal structure, and contemporary trends in large ensemble writing. (Formerly MUT 417)
Prerequisite(s): (MUT 416 or MUS 4601)

MUS 4701 - Orchestration (4)
A study of the art of instrumental combination as applied to various ensemble applications, including full orchestra and band. (Formerly MUT 411)
Prerequisite(s): (MUT 214 or MUS 2214)

MUS 4900 - Special Topics in Music (1 TO 4)
Current topics and issues in music performance and literature. (Formerly MUS 499)

MUS 4950 - Pedagogy Internship (1)
Internship teaching piano to students in a professional music studio setting under the direction and supervision of qualified piano instructors. Repeatable for up to two credits.
Prerequisite(s): MUS 4544 (2.0)

MUS 4994 - Senior Pedagogy Project (2 or 4)
Culminating project for the pedagogy program through which students apply what they have learned about performance and pedagogy and demonstrate their understanding of pedagogic theory and practice. B.M. Pedagogy students enroll for 4 credits. B.M. Performance and Pedagogy students enroll for 2 credits.
Prerequisite(s): MUS 4544 (2.0)

MUS 4996 - Independent Study (1 TO 4)
Normally for juniors and seniors. (Formerly MUS 495)
Prerequisite(s): permission of the music program.

MUS 4997 - College Teaching Apprenticeship (2)
Supervised participation in teaching an undergraduate course in music, together with discussion of teaching methods and objectives. (Formerly MUS 497)
Prerequisite(s): permission of instructor.

THA 1000 - Introduction to Theatre (4)
Theatre as an art form. Topics include acting, directing, design, dramatic literature, theatre history, theory and criticism. Students will view selected plays. *Satisfies the university general education requirement in the arts knowledge exploration area. (Formerly THA 100)*

THA 1001 - Foundations of Theatre (1)
Foundation course for theatre majors. Lectures, readings and projects exploring the nature of theatre, its literature in historical context, and the opportunities and responsibilities of members in an artistic community. (Formerly THA 101)
Prerequisite(s): Theatre majors only.

THA 1004 - Acting for Non-Theatre Majors (2)
Acting experiences designed for non-theatre majors. The student will acquire basic acting skills, explore vocal and physical expressiveness, and gain confidence in performance settings. May be repeated once for additional credit. (Formerly THA 104)

THA 1010 - Acting: The Instrument (2)
Prepares the actors' instrument for work on stage. Student actors discover their unique physical, vocal and emotional gifts and develop a respect for acting as a collaborative art. (Formerly THA 110)
Prerequisite(s): instructor permission.

THA 1011 - Acting: The Script (2)
The actor's approach to script analysis. Focus on acquisition of an acting vocabulary, research methods, continued vocal and physical development, and basic audition techniques. (Formerly THA 111)
Prerequisite(s): (THA 110 or THA 1010) or (THA 104 or THA 1004) and instructor permission.

THA 1012 - Acting: The Song (2)
Techniques for interpreting lyrics, connecting to the character being addressed, committing to the circumstances, making strong movement choices, using the voice to maximum effect. Assist the singer in analyzing songs, show how to develop characters building on material in the score, give the singing performer tools to act believably. (Formerly THA 112)
Prerequisite(s): Musical theatre major.

THA 1020 - Stagecraft (2)
Survey of techniques of scenery construction and stage lighting, including proper use of tools and hardware in these areas. (Formerly THA 120)
Prerequisite(s): theatre major or minor or permission of instructor.

THA 1021 - Costume Craft (2)
Introduction to basic techniques of costume crafts. Various techniques such as dying, fabric stenciling, jewelry, mask making and puppet sculpting will be explored. (Formerly THA 121)
Prerequisite(s): theatre major or minor or permission of instructor.

THA 1023 - Costume Construction (2)
Exploration of techniques for basic costume construction, including hand and machine sewing, dressmaking, and use of fabric. (Formerly THA 123)
Prerequisite(s): theatre major or minor or permission of instructor.

THA 1024 - Elements of Design (2)
Introduction to basic principles of design and their application to the art of theatre. (Formerly THA 124)
Prerequisite(s): theatre major or permission of instructor.

THA 1025 - Essentials of Theatre Design (2)
Broad overview of the theatrical design process in each of the disciplines: scenic, costume, lights, sound, properties, hair and makeup. Introduction of terminology, design concepts, research and collaboration within the theatrical medium. (Formerly THA 125)
Prerequisite(s): (THA 124 or THA 1024) and theatre major.

THA 2011 - Stage Movement (2)
Exploring character and relationship through physical action. Discovering idiosyncrasies and neutrality. Preference for openings in this course is given to theatre majors and minors. (Formerly THA 211)
Prerequisite(s): (THA 110 or THA 1010) or permission of instructor.

THA 2013 - Mime (2)
Basic mime techniques for the actor, including imaginary objects, movement illusions, environment illusions, and useful skills for the actor's imagination. (Formerly THA 213)
Prerequisite(s): theatre major or minor or permission of instructor.

THA 2014 - Alexander Technique (2)
Technique for achieving greater ease and grace of movement, with special applications for the performing artist. (Formerly THA 214)
Prerequisite(s): studio course in acting, dance, voice, or instrumental music. May be taken concurrently.

THA 2015 - T'ai Chi Ch'uan (2)
Learning the first section of the Yang style form, students will increase their awareness of current movement habits and learn how to replace old habits with those that allow greater ease of movement, requiring less effort and muscular tension. (Formerly THA 215)

THA 2016 - Stage Combat I (2)
Safe methods of creating the illusion of violence on stage. Hand to hand and basic sword work. (Formerly THA 216)
Prerequisite(s): theatre major or permission of instructor.

THA 2017 - Stage Voice I and II (2)
Development of actors' understanding and command of voice and speech for the stage. Preference for openings in this course is given to theatre majors and minors. (Formerly THA 217)
Prerequisite(s): (THA 110 or THA 1010) or instructor permission.

THA 2018 - Stage Voice I and II (2)
Continuation of (THA 217 or THA 2017). (Formerly THA 218)
Prerequisite(s): (THA 217 or THA 2017).

THA 2020 - Theatre Ensemble (0 or 2)
Participation in a production under faculty supervision. A minimum of 60 hours. Credit is available for on-stage and backstage work. May be repeated. (Formerly THA 220)

THA 2022 - Drafting for the Theatre (2)
Study of the visual tools of scenic presentation: drafting, sketching, and perspective. Focus on principles and techniques of theatre drafting of ground plans, scenery and lighting. An introduction to computer-assisted drafting will be included. (Formerly THA 222)
Pre/Corequisite(s): (THA 124 or THA 1024).

THA 2023 - Drawing and Rendering for the Theatre (2)
Study of the presentational skills of theatrical design. Focus on the development of skills and techniques in drawing and rendering for scenery, costumes and lighting. (Formerly THA 223)
Pre/Corequisite(s): (THA 124 or THA 1024).

THA 3001 - Theatre History I (4)
Survey of theatre from its origins to about 1700, including dramatists, stages, production and acting. Representative plays will be read. Mandatory attendance at selected live performances. May include student participation in brief performance projects. *Satisfies the university general education requirement in the arts knowledge exploration area. Satisfies the university general education requirement for a writing intensive course in general education or in the major, not both. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly THA 301)*
Prerequisite(s): sophomore standing.

THA 3002 - Theatre History II (4)
Survey of theatre from about 1700 to the present, including dramatists, stages, production, and acting. Representative plays will be read. Mandatory attendance at selected live performances. May include student participation in brief performance projects. *Satisfies the university general education requirement in the arts knowledge exploration area. Satisfies the university general education requirement for a writing intensive course in general education or in the major, not both. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly THA 302)*
Prerequisite(s): sophomore standing.

THA 3005 - History of American Musical Theatre (4)
Focuses on dramatic themes, musical styles, dance innovations and the artistic elements of American Musical Theatre while exploring the artists, producers and audiences that reflected the changing viewpoints, beliefs and lifestyles of the nation. (Formerly THA 305)
Prerequisite(s): sophomore standing.

THA 3006 - Cultural and Historical Development of American Musical Theatre (4)
Course for non-majors that focuses on dramatic themes, musical styles, dance innovations and the artistic elements of American Musical Theatre while exploring the artists, producers and audiences that reflected the changing viewpoints, beliefs and lifestyles of the nation. Not open to students who have completed (THA 305 or THA 3005). (THA 306 or THA 3006) may not be used toward the musical theatre major. Satisfies the university general education requirement in the arts knowledge exploration area. *Satisfies the university general education requirement in U.S. Diversity. Satisfies the university general education requirement for a writing intensive course in general education. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly THA 306)*
Prerequisite(s): sophomore standing.

THA 3010 - Acting: The Role (2)
Actors' synthesis of instrument and script as applied to creation of a role. Scene work drawn from significant plays in the realism repertoire. May be repeated once for credit. (Formerly THA 310)
Prerequisite(s): (THA 111 or THA 1011).

THA 3011 - Stage Dialects (2)
Study of several of the stage dialects most commonly employed by American actors. Methodology for independent mastery of additional dialects. (Formerly THA 311)
Prerequisite(s): (THA 111 or THA 1011).

THA 3013 - Coaching for Actors (1)
Prepares the acting student for performance, on-camera work, and monologue exploration, including study of style, performance practices, diction, interpretation, and audition preparation. Includes preparation of play repertoire appropriate to students' level of proficiency and accomplishment. Course may be repeated for credit. (Formerly THA 313)
Prerequisite(s): junior or senior standing and instructor permission.

THA 3014 - Acting: Auditions (2)
Preparation for theatrical and commercial auditions includes selection and preparation of monologues. (Formerly THA 412)
Prerequisite(s): (THA 310 or THA 3010)

THA 3016 - Stage Combat II (2)
Advanced methods of creating the illusion of violence on stage. Progression to rapier and dagger, broadsword and quarterstaff. (Formerly THA 316)
Prerequisite(s): (THA 216 or THA 2016).

THA 3020 - Scenic Design (4)
Study of the process of designing scenery for the stage, including conceptualization, drafting and rendering. May be repeated once for credit. (Formerly THA 320)
Prerequisite(s): (THA 124 or THA 1024). (THA 222 or THA 2022), (THA 223 or THA 2023) strongly recommended.

THA 3021 - Lighting Design (4)
Study of the process of designing lighting for theatre and dance, including conceptualization, instrumentation, plotting, hanging and focusing, cueing and board operation. May be repeated once for credit. (Formerly THA 321)
Prerequisite(s): (THA 124 or THA 1024). (THA 222 or THA 2022) recommended.

THA 3022 - Costume Design (4)
A study of the process of designing costumes for the stage, including research, conceptualization, materials, and rendering. May be repeated once for credit. (Formerly THA 322)
Prerequisite(s): (THA 124 or THA 1024), (THA 223 or THA 2023) strongly recommended.

THA 3023 - Stage Makeup (2)
A study of the process of designing makeup for the stage, including conceptualization, materials and application of two-dimensional designs. (Formerly THA 323)
Prerequisite(s): theatre major or minor or permission of instructor.

THA 3024 - Survey of Architecture, Fashion, and Furniture (4)
Survey of the time periods most often used in theatrical productions. Each era will be considered through the architecture, fashion and furniture of the time. Connections will be made to the politics, music, art and literature of the era. (Formerly THA 324)
Prerequisite(s): sophomore standing.

THA 3025 - Costume History (4)
Methods and styles of human dress from the Bronze Age to the present, including the roles of textiles and fibers and the importance of human decoration of clothing, skin, and hair. Several traditional ethnic cultures will be explored along with Western dress. Visual examples will be provided. (Formerly THA 325)
Prerequisite(s): sophomore standing.

THA 3026 - Properties Practicum (2)
Exploring properties production for the stage including construction, upholstery, and sewing as well as the organizational and artistic skills required by the properties artisan. (Formerly THA 326)
Prerequisite(s): (THA 120 or THA 1020).

THA 3027 - Scene Painting (2)
Techniques for painting scenery for the theatre including material, layout, faux finishes, and the organizational and artistic skills required for the scenic artist. (Formerly THA 327)
Prerequisite(s): (THA 120 or THA 1020).

THA 3028 - Sound Design (2)
Study of the process of designing sound for the theatre, including the equipment and mechanics. Topics include music, sound effects, recording techniques, and amplification. Course may be repeated one time for a total of four credits. (Formerly THA 328)

THA 3030 - Stage Management (2)
Study of the duties and the organizational, communication and leadership skills required of the theatrical stage manager. (Formerly THA 330)

THA 3031 - Stage Manager Project (2)
Student will serve as a stage manager or assistant stage manager for a departmental production under faculty supervision. (Formerly THA 331)
Prerequisite(s): (THA 330 or THA 3030).

THA 3040 - Playwriting (4)
Creative writing for the theatre, emphasizing fundamentals of scene, character and dialogue development. Identical with (ENG 308 or CW 3600). (Formerly THA 340)
Prerequisite(s): (WRT 160 or RHT 160 or WRT 1060) with a grade of 2.0 or higher.

THA 3051 - Musical Theatre Workshop (0 or 1)
Performance and study of repertory of the musical theatre. May be repeated for additional credit. (Formerly THA 351)
Prerequisite(s): (MUA 100 or MUA 1000).

THA 4005 - Directing I (2)
Theory and practice of play directing. Script interpretation, casting, staging, rehearsal techniques. Includes practical experience in directing scenes. (Formerly THA 405)
Prerequisite(s): (THA 104 or THA 1004) or (THA 110 or THA 1010) and (THA 120 or THA 1020) or (THA 121 or THA 1021) or (THA 123 or THA 1023); and (THA 124 or THA 1024) and major standing.

THA 4006 - Directing II (2)
Continuation of Directing I. Culminates in the direction of a one-act play. (Formerly THA 406)
Prerequisite(s): (THA 405 or THA 4005).

THA 4007 - Advanced Directing Project (2)
Direction of a lengthy one-act or full-length theatre piece under faculty supervision. *Satisfies the university general education requirement for the capstone experience. (Formerly THA 407)*
Prerequisite(s): (THA 406 or THA 4006) and permission of instructor.

THA 4010 - Acting: Styles (2)
Focuses on the requirement of various acting and period styles. Continued work on vocal and physical technique. Topics may vary. May be repeated once for credit. (Formerly THA 410)
Prerequisite(s): (THA 310 or THA 3010).

THA 4013 - Musical Theatre Singing Styles (2)
Focuses on the requirements of various singing styles and composers, including operetta, Sondheim, classical musical theatre, pop and contemporary. Students will learn to adapt to various singing styles, build an audition repertoire notebook and be able to discern among styles. (Formerly THA 413)
Prerequisite(s): (THA 305 or THA 3005) and junior standing.

THA 4014 - Acting: Shakespeare (2)
Introduction to understanding and speaking Shakespeare's language. Scene and monologue work for select plays. (Formerly THA 312)
Prerequisite(s): (THA 310 or THA 3010).

THA 4016 - Stage Combat III (2)
Continuation of Combat I and II focusing on the skills needed to design and choreograph theatrical text-based fight sequences, effectively collaborate as a fight director within a production team, and manage a career as a fight director/choreographer. (Formerly THA 416)
Prerequisite(s): (THA 316 or THA 3016).

THA 4020 - Advanced Performance Projects (0 or 2)
Participation in a production under faculty direction. A minimum of 60 hours. Students keep a journal and write a final summary of their experience. May be repeated three additional times for credit. *Satisfies the university general education requirement for the capstone experience. (Formerly THA 420)*
Prerequisite(s): Junior or senior standing and major standing in theatre.

THA 4021 - Design Seminar (2)
Advanced studies in theatre design of scenery, costumes and lighting, with an emphasis on the collaborative process. Career opportunities and preparation are addressed. (Formerly THA 421)
Prerequisite(s): (THA 320 or THA 3020), (THA 321 or THA 3021) or (THA 322 or THA 3022).

THA 4022 - Designers' Portfolio (2)
Advanced designers prepare portfolio and resumes for entry into the professional field of theatre production. (Formerly THA 422)
Prerequisite(s): (THA 320 or THA 3020) and (THA 321 or THA 3021) or (THA 322 or THA 3022) and sophomore standing.

THA 4023 - Advanced Stagecraft (2)
Advanced techniques of scenery construction including welding, rigging, sound and special effects. (Formerly THA 423)
Prerequisite(s): (THA 120 or THA 1020).

THA 4025 - Advanced Design and Technology Projects (2)
Advanced student design projects produced under faculty supervision in the areas of scenery, costumes, lighting, properties, or sound. May be repeated for credit. *Satisfies the university general education requirement for the capstone experience. (Formerly THA 425)*

THA 4040 - Advanced Playwriting (4)
Continued work on playwriting leading to complete scripts for one-act and full-length plays. May be repeated once for credit. Identical with (ENG 412 or CW 4600). (Formerly THA 440)
Prerequisite(s): (THA 340 or THA 3040) or (ENG 308 or CW 3600); permission of instructor. English and theatre majors and minors.

THA 4051 - Nightclub Cabaret Acts (0 or 1)
The art of cabaret and preparation of a personal evening of song and stories. Presentation of these acts by Meadow Brook Estate at a local nightclub. Auditions held prior to the beginning of the semester. May be repeated for additional credit. (Formerly THA 451)
Prerequisite(s): Permission of instructor.

THA 4052 - BFA Musical Theatre Showcase (0 or 1)
Students prepare and polish audition materials, learn interview techniques, and other important skills required for the showcase presented for professionals in New York City. BFA musical theatre majors (seniors) only. Auditions held prior to the beginning of the semester. (Formerly THA 452)
Prerequisite(s): Permission of instructor.

THA 4053 - Special Topics: History and Literature of the Theatre (2 OR 4)
Study of topics of special interest chosen by department faculty and students. May be repeated. (Formerly THA 460)
Prerequisite(s): Will vary with topic; permission of instructor.

THA 4081 - Classical Theatre Study in Greece (4)
Study, rehearse and perform a classical play in amphitheaters in Greece. Acting, voice, movement, modern Greek and theatre history. Visits to archeological sites and museums. Dates vary (3 weeks, June/July). English is the language of instruction/performance. Additional fees apply. *Satisfies the university general education requirement for the capstone experience. (Formerly THA 482)*
Prerequisite(s): Audition/interview required, conducted early winter semester prior. Consult Theatre Program Director.

THA 4095 - Company Class (2 OR 4)
Close study of a selected play and rehearsal leading to a fully mounted laboratory production as the final product. Intended for juniors and seniors only. *Satisfies the university general education requirement for the capstone experience. (Formerly THA 495)*
Prerequisite(s): Permission of instructor, by audition.

THA 4907 - Special Topics: Design Issues (2 OR 4)
Group study of topics of special interest chosen by theatre program faculty and students. May be repeated. (Formerly THA 470)
Prerequisite(s): Will vary with topic.

THA 4908 - Special Topics: Acting and Directing Issues (2 OR 4)
Group study of topics of special interest chosen by theatre program faculty and students. May be repeated. (Formerly THA 480)
Prerequisite(s): Will vary with topic; permission of instructor.

THA 4950 - Internship (2 OR 4)
Experience working with professionals in a variety of performing arts settings. *Satisfies the university general education requirement for the capstone experience. (Formerly THA 491)*
Prerequisite(s): Permission of instructor.

THA 4996 - Independent Study (1 TO 4)
Normally for juniors and seniors. (Formerly THA 490)
Prerequisite(s): Permission of instructor and the theatre program.

Department of Philosophy

Mathematics and Science Center, Room 752
146 Library Drive
Rochester, MI 48309-4479
(248) 370-3390
Fax: (248) 370-3144

Department Website

Chairperson: *Mark Rigstad*

Professors emeriti: *David C. Bricker*

Professor: *Phyllis Rooney*

Associate professors: *Paul R. Graves, John F. Halpin, Eric La Rock, Fritz J. McDonald, Mark C. Navin, Mark Rigstad, Elysa R. White*

Assistant professors: *Ami Harbin, Joyce C. Havstad*

Visiting assistant professor: *Derek Green*

Adjunct assistant professor: *Daniel Propson*

Special lecturers: *John Burn, Lisa Campbell, Tiffany Hudson, Adam Streed, Anthony Marc Williams, Daniel Yeakel, Grant Yocom*

Chief adviser: *Paul R. Graves*

Philosophy is one of the oldest yet often least understood of the liberal arts. The philosopher is interested in all aspects of human life, searching for the greatest possible clarity concerning the most fundamental questions. There is no one kind of philosophy; rather, there are many kinds, each with its own value.

Philosophy has always served two functions. The first is speculative, the attempt to formulate illuminating generalizations about science, art, religion, nature, society and any other important topics. The second is critical, the unsparing examination of its own generalizations and those of other fields to uncover unfounded assumptions, faulty thinking, hidden implications and inconsistencies. The study of philosophy is designed to encourage a spirit of curiosity, a sensitivity toward the uses of words, and a sense of objective assessment toward oneself as well as others. Competence in philosophy is solid training for advanced study and professional life in such fields as law, government, public

administration, business administration, sales and marketing, technical writing, the ministry and teaching.

The Department of Philosophy offers programs of study leading to the Bachelor of Arts degree with a major in philosophy, and a minor in philosophy.

Departmental Honors

Departmental honors in philosophy are based upon three criteria: (a) general performance in philosophy courses, (b) written work in philosophy and (c) the ability to articulate philosophical ideas orally. First, students must achieve at least a 3.6 grade point average in philosophy courses. Second, those who do so and want to be considered for departmental honors should submit an example of their philosophical writing to the department chairperson early in the semester in which they expect to graduate. Normally this would be a substantial term paper, but two medium-length papers may also be acceptable in some cases. Third, if this work is judged to be of sufficiently high quality, it will be read by the rest of the department, and a conference with the student will be arranged to give him or her an opportunity to discuss the paper (or papers) further with the faculty. The decision to award honors will then be made by the faculty based on all three criteria. Deadlines for submission: October 15 for the fall semester, February 15 for the winter semester.

Course Prerequisites

Except where noted, 1000-and 2000-level courses have no prerequisites. Advanced courses (numbered *PHL 3100 to PHL 4970*) have a general prerequisite of writing proficiency, plus any special requirements listed with the course description.

Programs

- Philosophy Minor
- Philosophy, B.A.

Philosophy Minor

Requirements for the liberal arts minor in philosophy

To earn a minor in philosophy, students must complete a minimum of 20 credits in philosophy, including:

1. One semester of logic selected from

- PHL 1000 - Introduction to Logic **(4)**
- PHL 1070 - Introduction to Symbolic Logic **(4)**
- PHL 3000 - Advanced Symbolic Logic **(4)**

2. One semester of ethics selected from

- PHL 1300 - Introduction to Ethics **(4)**
- PHL 1310 - Introduction to Ethics in Science and Engineering **(4)**
- PHL 3300 - Ethical Theory **(4)**
- PHL 3310 - Ethics, Language and Reality **(4)**

3. One semester of metaphysics/epistemology selected from

- PHL 2200 - Ancient Greek Philosophy **(4)**
- PHL 2210 - Medieval Philosophy **(4)**
- PHL 2220 - Early Modern Philosophy **(4)**
- PHL 3210 - Twentieth Century British and American Philosophy **(4)**
- PHL 3700 - Philosophy of Science **(4)**
- PHL 3410 - Theories of Knowledge **(4)**
- PHL 3400 - Metaphysics **(4)**
- PHL 4200 - Study of a Major Philosopher **(4)**
- PHL 3800 - Philosophy of Mind **(4)**
- PHL 4100 - Philosophy of Language **(4)**

4. At least 8 additional credits in philosophy courses numbered 3000 or above

Philosophy, B.A.

Requirements for the liberal arts major in philosophy, B.A. program

To earn the Bachelor of Arts degree with a major in philosophy, a student must complete a minimum of 44 credits in philosophy. Only courses in which the student has earned a grade of at least 2.0 may be counted toward the philosophy major. At least 20 credits in Philosophy must be taken at Oakland University. Students must complete the following requirements:

1. One course in logic chosen from

- PHL 1070 - Introduction to Symbolic Logic (4)
- PHL 3000 - Advanced Symbolic Logic (4) (recommended for those considering graduate work in philosophy)

2. Two courses in history of Western philosophy

- PHL 2200 - Ancient Greek Philosophy (4)
- PHL 2210 - Medieval Philosophy (4)
- PHL 2220 - Early Modern Philosophy (4)

3. At least two courses chosen from

- PHL 3610 - Philosophy of International Relations: Law, War and Peace (4)
- PHL 3300 - Ethical Theory (4)
- PHL 3310 - Ethics, Language and Reality (4)
- PHL 3510 - Ethics in Business (4)
- PHL 3500 - Bioethics (4)
- PHL 3120 - Philosophy of Law (4)
- PHL 3620 - Global Justice (4)
- PHL 3600 - Political Philosophy (4)

4. At least two courses chosen from

- PHL 3100 - Philosophy of Gender (4)
- PHL 3210 - Twentieth Century British and American Philosophy (4)
- PHL 3150 - Philosophy of Religion (4)
- PHL 3700 - Philosophy of Science (4)
- PHL 3720 - Topics in the Philosophy of Science (4)
- PHL 3710 - Philosophy of Biology (4)
- PHL 3410 - Theories of Knowledge (4)
- PHL 3810 - Consciousness and Persons (4)
- PHL 3400 - Metaphysics (4)
- PHL 3800 - Philosophy of Mind (4)
- PHL 4100 - Philosophy of Language (4)

5. At least 24 credits in PHL courses must be at the 3000 level or above.

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6. Capstone course

- PHL 4970 - Seminar on a Philosophical Topic (4) (satisfies the university general education requirement for the capstone course in the major)

Note

A student may substitute other courses for any of the above with the permission of the department chairperson. Students planning to apply for graduate work in philosophy should meet with a faculty member to discuss additional appropriate coursework.

Students pursuing a Bachelor of Arts in Liberal Studies degree, or a Bachelor of Arts in Integrative Studies degree, may complete a philosophy minor as part of their coursework.

Students using this catalog to meet philosophy major requirements may also use any course subsequently approved as satisfying requirements #3 and 4 above and published in a later catalog.

Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts & Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or

concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

Course Descriptions

PHL 1000 - Introduction to Logic (4)
The relationship between conclusions and statements given in support of them. In addition to elementary deductive and inductive logic, topics may include analysis of ordinary arguments, argument by analogy and informal fallacies. Offered every semester. *Satisfies the university general education requirement in the formal reasoning knowledge foundation area. (Formerly PHL 102)*

PHL 1070 - Introduction to Symbolic Logic (4)
Formal or symbolic logic is a study of what makes deductive arguments valid, employing symbols to represent sentences, words, phrases, etc. in order to reveal the formal structure of the arguments. Offered every year. *Satisfies the university general education requirement in the formal reasoning knowledge foundation area. (Formerly PHL 107)*

PHL 1100 - Introduction to Philosophy (4)
Study of the main types and problems of Western philosophy. Readings are chosen to illustrate the development of Western thought from the ancient Greeks to the present. Offered every semester. *Satisfies the university general education requirement in the western civilization knowledge exploration area. (Formerly PHL 101)*

PHL 1300 - Introduction to Ethics (4)
Major ethical analyses of right and wrong, good and evil, from the ancient Greeks to the present. Appeals to custom, theology, happiness, reason and human nature will be examined as offering viable criteria for judgments on contemporary issues of moral concern. Offered every semester. *Satisfies the university general education requirement in the western civilization knowledge exploration area. (Formerly PHL 103)*

PHL 1310 - Introduction to Ethics in Science and Engineering (4)
Survey of canonical works in the history of Western ethical theory providing students a critical understanding of a plurality of viable ideas, principles, and criteria by which to evaluate and judge contemporary issues of ethical concern in the practice of science and engineering. *Satisfies the university general education requirement in the western civilization knowledge exploration area. (Formerly PHL 104)*

PHL 2100 - Fact, Value, and Knowledge (4)
Intermediate examination of central issues and problems of metaphysics, epistemology, and ethics: mind, knowledge, will, action, and conflict. Focus on the methodology of philosophy, including key skills in writing and reasoning. *Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. Prerequisite for writing intensive: completion of the university writing foundation requirement. Satisfies the university general education requirement in the knowledge applications integration area. Prerequisite for knowledge applications integration: completion of the general education requirement in the formal reasoning knowledge foundation area. (Formerly PHL 200)*
Prerequisite(s): (PHL 101 or PHL 1100), (PHL 102 or PHL 1000), (PHL 103 or 1300) or (PHL 107 or PHL 1070)

PHL 2200 - Ancient Greek Philosophy (4)
Development of philosophical thought in Greece, from its beginning around 600 B.C.E. to the Hellenistic period. Emphasis on Plato and Aristotle. *Satisfies the university general education requirement in the knowledge applications integration area. Prerequisite for knowledge applications integration: completion of the university general education requirement in the Western civilization knowledge exploration area. Satisfies the university general education requirement for writing intensive course in general education or the major, not both. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly PHL 204)*
Prerequisite(s): (PHL 101 or PHL 1100), (PHL102 or PHL 1000), (PHL 103 or PHL 1300), (PHL 107 or 1070), or (PHL 200 or PHL 2100) or permission of instructor.

PHL 2210 - Medieval Philosophy (4)
Survey of Jewish, Christian, and Islamic medieval philosophy. *Satisfies the university general education requirement in the knowledge applications integration area. Prerequisite for knowledge applications integration: completion of the university general education requirement in the Western civilization knowledge exploration area. Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly PHL 205)*
Prerequisite(s): (PHL 101 or PHL 1100), (PHL 102 or PHL 1000), (PHL 103 or PHL 1300), (PHL 107 or PHL 1070) or (PHL 200 or PHL 2100) or permission of instructor.

PHL 2220 - Early Modern Philosophy (4)
Development of philosophical thought in Europe in the 17th and 18th centuries. Emphasis on Descartes, Locke, Hume and Kant. *Satisfies the university general education requirement in the knowledge applications integration area. Prerequisite for knowledge applications integration: completion of the university general education requirement in the Western civilization knowledge exploration area. Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly PHL 206)*
Prerequisite(s): (PHL 101 or PHL 1100), (PHL 102 or PHL 1000), (PHL 103 or PHL 1300), (PHL 107 or PHL 1070) or (PHL 200 or PHL 2100) or permission of instructor.

PHL 3000 - Advanced Symbolic Logic (4)
Standard first-order symbolic logic, emphasizing quantification theory and including identity theory and logical semantics. The logical system is approached both as a formal system and as a theoretical analysis of human reasoning. Offered every other year. (Formerly PHL 370)
Prerequisite(s): (PHL 102 or PHL 1000) or (PHL 107 or PHL 1070) or (CSE 130 or CSI 1300) or (MTH 062 or MTH 0662) or equivalent.

PHL 3100 - Philosophy of Gender (4)
Philosophical issues relating to gender are explored. Different approaches toward dealing with sexism will be examined, as part of an ongoing analysis of what constitutes human nature, freedom, equality and the relationship between the individual and the state. Identical with (WGS 307 or WGS 3850). (Formerly PHL 305)
Prerequisite(s): one course in philosophy or one course in women and gender studies.

PHL 3110 - Freedom, Agency, and Responsibility (4)
Seminar on the philosophical issues of freedom of choice and action. Are we ever truly free? Are free choices and actions inconsistent with determinism in nature? Does morality require freedom? Discussion of these issues based on historical and contemporary sources (e.g., Kant, Nietzsche, Frankfurt, and Dennett). (Formerly PHL 444)
Prerequisite(s): four courses in philosophy (PHL 103 or PHL 1300), (PHL 107 or PHL 1070) and (PHL 206 or PHL 2220) suggested or permission of instructor.

PHL 3120 - Philosophy of Law (4)
The nature of law and legal obligation, with emphasis on the relation of law, coercion and morality. Attention is also given to such issues as the nature of legal reasoning, the justifiability of civil disobedience and the justification of punishment. Offered every other year. (Formerly PHL 319)
Prerequisite(s): (PHL 101 or PHL 1100), (PHL 103 or PHL 1300) or (PHL 200 or PHL 2100).

PHL 3130 - Aesthetics (4)
The nature of aesthetic experience and aesthetic judgment in the appreciation of nature and art. Major theories of the creation and structure of works of art, and the logic and semantics of aesthetic judgment. Offered every other year. (Formerly PHL 312)
Prerequisite(s): either one course in philosophy; or one general education writing intensive course in art, music, or literature; or permission of instructor.

PHL 3140 - Philosophy of Sexuality (4)
Philosophical issues related to sex, including ethical issues and clarification of contested concepts such as homosexuality, consenting adults, and pornography. (Formerly PHL 309)
Prerequisite(s): (PHL 101 or PHL 1100), (PHL 103 or PHL 1300) or (PHL 200 or PHL 2100) or (WGS 200 or WGS 1000).

PHL 3150 - Philosophy of Religion (4)
Examination of arguments for and against the existence of God, the nature of religious language, and relations between religion and philosophy. Offered every other year. Identical with (REL 325 or REL 3120). (Formerly PHL 325)
Prerequisite(s): One course in philosophy or religious studies or permission of instructor.

PHL 3155 - Philosophies and Religions of Asia (4)
The major religions of India, China and Japan with emphasis on their philosophical significance. The course will cover Hinduism, Jainism, Confucianism, Taoism and Buddhism, both the ancient traditions and some modern developments. (Formerly PHL 350)
Prerequisite(s): one philosophy course or junior standing.

PHL 3200 - European Philosophy since Kant (4)
Among the major philosophers included are Hegel, Marx, Nietzsche and Sartre. Several types of Marxism and existentialism will be distinguished and their influence in this country will be discussed. Offered every two years. (Formerly PHL 307)
Prerequisite(s): (PHL 101 or PHL 1100), (PHL 103 or PHL 1300), (PHL 200 or PHL 2100), (PHL 204 or PHL 2200), (PHL 205 or PHL 2210) or (PHL 206 or PHL 2220)

PHL 3210 - Twentieth Century British and American Philosophy (4)
The issues that have dominated Anglo-American philosophy in the 20th century. The course will trace the history that has led Americans and Britons to look at philosophy in a new way, appropriate to our scientific world-view. (Formerly PHL 308)
Prerequisite(s): one course in logic (PHL 107 or PHL 1070) recommended or (PHL 206 or PHL 2220).

PHL 3300 - Ethical Theory (4)
Nature and relationship between means and ends in moral theory are considered. When, if ever, do the ends justify the means? Considers potential conflict between social good and the rights of individuals in this light. Examines attempts to reconcile these important aspects of moral theory. (Formerly PHL 313)
Prerequisite(s): (PHL 103 or PHL 1300) strongly recommended and junior or senior standing.

PHL 3310 - Ethics, Language and Reality (4)
Considers competing theories about the nature, meaning and reality of moral terms. What do moral terms mean? Do they refer to properties? Alternatively, do moral terms refer to emotional states of a person who uses such terms? What is the role of identity or human nature in moral language? *Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. Prerequisite for writing intensive: completion of the university writing foundation requirement. Satisfies the university general education requirement in the knowledge applications integration area. Prerequisite for knowledge applications: completion of the general education requirement in the western civilization knowledge exploration area. (Formerly PHL 314)*
Prerequisite(s): (PHL 101 or PHL 1100), (PHL 103 or PHL 1300) or (PHL 200 or PHL 2100); and either (PHL 107 or PHL 1070) or (PHL 370 or PHL 3000).

PHL 3400 - Metaphysics (4)
Study of selected influential attempts to characterize the basic features of the world. Emphasis on reformulations of metaphysical problems in the light of modern advances in scientific knowledge. Offered every other year. *Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. Prerequisite for writing intensive: completion of the university writing foundation requirement. Satisfies the university general education requirement in the knowledge applications integration area. Prerequisite for knowledge applications integration: completion of the general education requirement in the formal reasoning knowledge foundation area. (Formerly PHL 340)*
Prerequisite(s): (PHL 107 or PHL 1070) or (PHL 370 or PHL 3000); and (PHL 200 or PHL 2100), (PHL 204 or PHL 2200), (PHL 205 or PHL 2210) or (PHL 206 or PHL 2220); or permission of instructor.

PHL 3410 - Theories of Knowledge (4)
Critical examination of knowledge claims and of the types of justification given in their support. Typical topics: skepticism, empiricism, rationalism, believing and knowing, intuition and limits of knowledge. Offered every other year. (Formerly PHL 333)
Prerequisite(s): one philosophy course; (PHL 206 or PHL 2220) recommended.

PHL 3420 – Theories of Truth (4)
Theories of the nature of truth. Does truth exist? Is truth entirely a matter of perspective? Is the truth of a belief resemblance to reality? Are all true beliefs useful? Is truth always a good quality? (Formerly PHL 345). Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. Prerequisite writing intensive: completion of the university writing foundation requirement. Satisfies the university general education requirement in the knowledge applications integration area. Prerequisite for knowledge applications integration: completion of the general education requirement in the Western civilization knowledge exploration area.
Prerequisite(s): (PHL 107 or PHL 1070), (PHL 200 or PHL 2100), or (PHL 370 or PHL 3000), or permission of instructor.

PHL 3500 - Bioethics (4)
Central ethical issues in modern health care and research. Included are the distribution and allocation of health resources, the right to life and death, "informed consent" and eugenics. Offered every other year. (Formerly PHL 318)
Prerequisite(s): (PHL 103 or PHL 1300) recommended.

PHL 3510 - Ethics in Business (4)
Review of basic ethical theory, and application to typical moral problems in business practices and institutions. (Formerly PHL 316)
Prerequisite(s): junior standing, (PHL 103 or PHL 1300).

PHL 3600 - Political Philosophy (4)
The meanings of central concepts in political philosophy, such as justice, freedom and authority, are examined through readings in classical political philosophers and crucial problems. Offered every other year. (Formerly PHL 321)
Prerequisite(s): (PHL 101 or PHL 1100), (PHL 103 or PHL 1300), (PHL 200 or PHL 2100), (PS 131 or PS 1400), (SOC 205 or SOC 2200)

PHL 3610 - Philosophy of International Relations: Law, War and Peace (4)
Considers competing theories of global ethics, diplomacy, international law, just warfare, nationalism, military duty, disarmament, pacifism, non-violent resistance, civil strife, and terrorism. Offered every two years. (Formerly PHL 311)
Prerequisite(s): (PHL 101 or PHL 1100), (PHL 103 or PHL 1300) or (PHL 200 or PHL 2100) or (PS 114 or PS 1600) or (AN 200 or AN 2130) or (SOC 205 or SOC 2200).

PHL 3620 - Global Justice (4)
Considers ethical issues surrounding global poverty, international inequality, transnational institutional governance, human rights, international trade, immigration, and climate change. (Formerly PHL 320)
Prerequisite(s): (PHL 101 or PHL 1100), (PHL 103 or 1300) or (PHL 200 or PHL 2100) or (PS 114 or PS 1600) or (AN 200 or AN 2130) or (SOC 205 or SOC 2200).

PHL 3700 - Philosophy of Science (4)
Philosophical problems arising from critical reflection on the sciences. Typical topics: the structure of scientific explanation, the nature of scientific laws and theories, causality and confirmation. Offered every other year. (Formerly PHL 329)
Prerequisite(s): one course in philosophy or one in natural science.

PHL 3710 - Philosophy of Biology (4)
Philosophical examination of issues arising out of modern biology such as the nature of species, the mechanisms of natural selection, and the implications of evolutionary theory for topics such as philosophy of mind, epistemology, social and political theory, ethics and medicine. (Formerly PHL 331)
Prerequisite(s): one course in philosophy or one course in biology; (PHL 329 or PHL 3700) recommended.

PHL 3720 - Topics in the Philosophy of Science (4)
Specialized topics such as philosophy of biology, philosophy of the social sciences, philosophy of technology, or the history and philosophy of science will be offered periodically. Topic to be announced in the Schedule of Classes. (Formerly PHL 330)
Prerequisite(s): junior standing and one course in philosophy or consent of instructor.

PHL 3800 - Philosophy of Mind (4)
Selected topics or works in the philosophical literature about mind. Some topics are: the nature of psychological explanation, the relation of mind and body, thinking, emotions, concepts, consciousness and remembering. Offered every other year. (Formerly PHL 437)
Prerequisite(s): One course in philosophy or psychology or (BIO 351 or BIO 3220) neurobiology; junior standing.

PHL 3810 - Consciousness and Persons (4)
Exploration of central questions about the nature of consciousness and persons. What is consciousness? How does consciousness relate to the physical world? What are persons? How do persons relate to bodies? Do persons persist over time? Can persons survive biological death? (Formerly PHL 335)
Prerequisite(s): One course in philosophy or psychology, or (BIO 351 or BIO 3220) neurobiology, or permission of instructor.

PHL 3820 - Mental Causation (4)
Philosophy meets neuroscience: What is the nature of mental causation? Are mental states wholly determined by brain states? Do reasons, beliefs, intentions, and other mental states influence neuronal activity and behavior? What is the relationship between the formation of a conscious intention, neural events, and voluntary action? (Formerly PHL 336)
Prerequisite(s): one course in philosophy or permission of instructor.

PHL 3900 - Topics in Philosophy (4)
One philosophical topic or problem at an intermediate level of difficulty. Topic to be announced in the Schedule of Classes for each semester. May be repeated for additional credit under different subtitle. (Formerly PHL 300)
Prerequisite(s): one philosophy course.

PHL 3910 - Ethics Bowl Preparation and Competition (4)
Students selected through competitive try-outs to be members of Oakland University's Ethics Bowl teams prepare for and participate in intercollegiate competition in philosophically informed debate over controversial issues. New cases are examined each year. Instructors guide students in independent theoretical research and in the art of public speaking.

PHL 3920 - Directed Readings in Philosophy (2)
Tutorial on a topic not included in regular courses, primarily (but not exclusively) for majors. Students should consult with the department chairperson before approaching a faculty member with a topic. Graded S/U. (Formerly PHL 390)
Prerequisite(s): one philosophy course at Oakland and written permission of instructor, junior standing.

PHL 3996 - Independent Study in Philosophy (4)
Tutorial on a topic not included in regular courses, primarily (but not exclusively) for majors. In addition to reading and consultation, the student will write a substantial term paper. Cannot be repeated or counted toward any major or minor requirement other than degree credit without prior written approval from department chairperson. (Formerly PHL 395)
Prerequisite(s): one philosophy course at Oakland and written permission of department chair, form available in 341 ODH; junior standing.

PHL 4100 - Philosophy of Language (4)
Philosophical theories of natural language structure. Emphasis on views about what meaning is and how we are to explain our ability to communicate with one another. Offered every other year. Identical with LIN 475/4480. *Satisfies the university general education requirement in the knowledge applications integration area. Prerequisite for knowledge applications integration: completion of the general education requirement in the formal reasoning knowledge foundation area. (Formerly PHL 475)*
Prerequisite(s): junior standing, (PHL 107 or PHL 1070) or (PHL 370 or PHL 3000) or (LIN 307 or LIN 4307) and one additional course in philosophy; or permission of instructor.

PHL 4200 - Study of a Major Philosopher (4)
A study of the works of one major philosopher. The specific philosopher will vary, but courses on Plato, Aristotle and Kant will be offered every few years. May be repeated for credit. (Formerly PHL 401)
Prerequisite(s): one philosophy course; (PHL 204 or PHL 2200), (PHL 205 or PHL 2210), (PHL 206 or PHL 2220), (PHL 307 or PHL 3200) or (PHL 308 or PHL 3210) recommended, whichever is relevant.

PHL 4970 - Seminar on a Philosophical Topic (4)
One philosophical topic or problem at an advanced level of difficulty, normally requiring considerable background in philosophy. Topic and prerequisites to be announced in the Schedule of Classes for each semester. *Satisfies the university general education requirement for the capstone experience. (Formerly PHL 465)*
Prerequisite(s): 28 credits in philosophy or permission of instructor.

PHL 4997 - College Teaching Apprenticeship (4)
Open to a well-qualified philosophy student who is invited by a faculty member to assist in a regular college course, usually as preparation for a career as a professor of philosophy. (Formerly PHL 497)

Department of Physics

Mathematics and Science Center, Room 190
146 Library Drive
Rochester, MI 48309
(248) 370-3416
Fax: (248) 370-3408

Department Website

Chairperson: *Andrei Slavin*

Professors emeriti: *Abraham R. Liboff, Ralph C. Mobley, Norman Tepley, Paul A. Tipler, W. D. Wallace*

Distinguished professors: *Michael Chopp, Andrei Slavin, Gopalan Srinivasan*

Professors: *Ken Elder, David Garfinkle, George Martins, Bradley J. Roth, Yang Xia*

Associate professors: *Kapila Clara Castoldi, Evgeniy Khain, Alberto Rojo*

Assistant professors: *Eugene Surdutovich, Yuejian Wang, Wei Zhang*

Visiting assistant professor: *Steffan Puwal*

Research associate professor: *Vasyl Tyberkevych*

Adjunct professors: *Carl Bleil, Jieli Chen, Xuanfeng Ding, James R. Ewing, Carri Glide-Hurst, Thomas Guerrero, Clifford M. Les, Brian Marples, Bryan Shumaker, Hamid Soltanian-Zadeh, Srinivasan Venkatesan, Uma Devi Venkateswaran, George Wilson, Di Yan, Hualiang Zhong*

Adjunct associate professors: *Rao Bidthanapally, Quan Jiang, Robert A. Knight, Jian Liang, Patrick N. McDermott*

Adjunct assistant professors: *Hassan Bagher-Ebadian, Susan M. Bowyer, Benjamin Buller, Edward Castillo, Dan Ionascu, Kenneth Jenrow*

Lecturers: *Sally K. Daniel, Jyothi Raman*

Chief Adviser: *Eugene Surdutovich*

Courses within the Department of Physics are grouped into two categories - pre-professional career programs and experiences in science for students with broad interests in contemporary human culture. The latter are strongly recommended for students planning any of a wide range of careers, including law, business, criminology, art history, music, government, education and journalism. High school

students intending to major in physics should refer to the Admissions section of the catalog for specific preparation requirements.

Programs of study lead to the Bachelor of Science degree with majors in physics, medical physics and engineering physics, Bachelor of Arts degree with a major in physics, Master of Science degree in physics, and Doctor of Philosophy degree in biomedical sciences with specialization in medical physics.

The Bachelor of Science in physics is intended for students who plan to become professional scientists. It qualifies students for graduate studies in physical sciences or research positions in government and industry. Students pursuing this degree should consult with faculty members on different available specialties.

The Bachelor of Arts in physics is primarily designed for students who desire a broader, less professionally specialized background in physics. The minor in physics is available for students who want to supplement their work in other fields with an introduction to physics. A secondary teaching minor in physics is available.

The Bachelor of Science in medical physics is based on a group of physics courses plus relevant biology, chemistry and mathematics courses. These students take ''Biological Physics'' and ''Medical Physics.'' The degree, with the addition of select biology courses, offers an excellent preparation for medical school. Students should consult an adviser in pre-medical studies regarding the selection of these courses.

The Bachelor of Science in engineering physics, which is offered jointly with the School of Engineering and Computer Science, is intended for well-qualified students who seek a broad education in physics and mathematics along with basic preparation in engineering.

All physics majors, during the semester they plan to graduate, will be required to complete an assessment test. The purpose of this test is to determine how well students are achieving the goals of the learning objectives in their major. The results of this test will have no impact on a student's graduation status.

Mathematics Requirements for PHY 1010, 1080, 1610, 1620

The various general physics courses (PHY 1010, PHY 1080) are directed to students enrolled in a wide variety of majors having different levels of mathematical preparation. The Physics Department therefore requires that either the students' ACT math score is 20 or higher or that they have taken MTH 0662, an academic enrichment course intended for students in need of additional preparation for university courses. Another alternative is for students to take a Math Placement Test and place above the MTH 0662 math level. This test is available year round in the Department of Mathematics and Statistics office (368 MSC) between 8 -11 a.m. and 1 - 4 p.m. Student ID number (Grizzly ID) is required. It takes approximately one hour to take the test and receive the results.

Students enrolled in PHY 1610 - Fundamentals of Physics I are required to have already taken MTH 1554 - Calculus I. Students enrolled in PHY 1620 - Fundamentals of Physics II are required to have already taken MTH 1555 - Calculus II.

Advising

Chief adviser: *Eugene Surdutovich*

Advisers in the various physics fields are professors David Garfinkle (astrophysics), Alberto Rojo (secondary teacher education program), Bradley Roth (medical physics, biophysics), Andrei Slavin (engineering physics, geophysics), and Gopalan Srinivasan (materials physics). Independent research projects are available in each area.

Departmental Honors

Departmental honors may be awarded to students on the basis of high academic achievement and either independent research or meritorious service to the Department of Physics.

Programs

- Physics, B.A.
- Physics, B.S.
- Engineering Physics, B.S.
- Medical Physics, B.S.
- Physics, STEP
- Physics Minor
- Physics Secondary Teaching Minor

Physics, B.A.

Requirements for the liberal arts major in physics, B.A. program

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To earn the Bachelor of Arts degree with a major in physics, students must complete:

1. Required courses in physics

- PHY 1510 - Introductory Physics I **(4)** and PHY 1100 - General Physics Lab I
- PHY 1520 - Introductory Physics II **(4)** and PHY 1110 - General Physics Lab II

- PHY 3710 - Foundations of Modern Physics **(4)**
- PHY 3170 - Modern Physics Laboratory **(2)**

2. An additional 16 credits in physics, with at least 12 credits in courses numbered above 2000

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3. Required courses in mathematics

- MTH 1554 - Calculus I **(4)**
- MTH 1555 - Calculus II **(4)**
- MTH 2554 - Multivariable Calculus **(4)**

4. Eight additional credits in chemistry, mathematics and physics, but not CHM 3000

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5. Capstone course

- PHY 4970 - Undergraduate Seminar **(3)** or PHY 4995 - Independent Research *(either of which fulfills the university general education requirement for the capstone course in the major)*

Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts & Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

Physics, B.S.

Requirements for the major in physics, B.S. program

To earn the Bachelor of Science degree with a major in physics, students must complete:

1. 20 required credits in physics

- PHY 1510 - Introductory Physics I (4) and PHY 1100 - General Physics Lab I
- PHY 1520 - Introductory Physics II (4) and PHY 1110 - General Physics Lab II
- PHY 3170 - Modern Physics Laboratory (2)
- PHY 3510 - Intermediate Theoretical Physics (4)
- PHY 3710 - Foundations of Modern Physics (4)

2. A minimum of 22 elective credits in physics at or above the 2000 level, including at least 2 credits of laboratory coursework

- PHY 3610 - Mechanics I (4) and PHY 3810 - Electricity and Magnetism are strongly recommended for students planning graduate work in physics.

3. Required courses

- MTH 1554 - Calculus I (4)
- MTH 1555 - Calculus II (4)
- MTH 2554 - Multivariable Calculus (4)
- MTH 2775 - Linear Algebra (4) or APM 2555 - Introduction to Differential Equations with Matrix Algebra

4. 10 credits of chemistry at a level not below CHM 1440, but not CHM 3000

5. Capstone course

- PHY 4970 - Undergraduate Seminar (3) or PHY 4995 - Independent Research (either of which fulfills the university general education requirement for the capstone course in the major)

Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts & Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

Engineering Physics, B.S.

Requirements for the major in engineering physics, B.S. program

Coordinators: *Hoda Abdel-Aty-Zohdy (SECS) with, Andrei Slavin (Physics)*

The program in engineering physics is offered jointly by the School of Engineering and Computer Science and the College of Arts and Sciences. This program blends the pure and applied, the theoretical and practical aspects of scientific knowledge into a meaningful educational experience. Through the university's cooperative education program, engineering physics students may opt to combine a relevant work experience with their formal education.

Course requirements (minimum of 128 total credits)

To earn the degree of Bachelor of Science with a major in engineering physics, students must complete a minimum of 128 credits, demonstrate writing proficiency (see Undergraduate degree requirements) and meet the following requirements:

General education (excluding mathematics and science) -- 28 credits

- Students are required to take PHL 1310 - Introduction to Ethics in Science and Engineering to satisfy the General Education Requirements in Western Civilization.
- In order to graduate on-schedule without taking additional courses, it is highly recommended that students meet with an SECS Undergraduate Academic Adviser concerning the selection of all of their general education courses.

Mathematics and sciences -- 48

- MTH 1554 - Calculus I **(4)**
- MTH 1555 - Calculus II **(4)**
- MTH 2554 - Multivariable Calculus **(4)**
- APM 2555 - Introduction to Differential Equations with Matrix Algebra **(4)**
- CHM 1430 - Chemical Principles **(4)** ; or [CHM 1440 **(4)** and CHM 1470 **(1)**]
- PHY 1510 - Introductory Physics I **(4)** and PHY 1100 - General Physics Lab I **(1)**
- PHY 1520 - Introductory Physics II **(4)** and PHY 1110 - General Physics Lab II **(1)**
- PHY 3170 - Modern Physics Laboratory **(2)**
- PHY 3510 - Intermediate Theoretical Physics **(4)**
- PHY 3610 - Mechanics I **(4)**
- PHY 3710 - Foundations of Modern Physics **(4)**

Must choose one course from the list below:

- PHY 3310 - Optics **(4)**
- PHY 3660 - Vibrations and Waves **(4)**
- PHY 3810 - Electricity and Magnetism **(4)**
- PHY 4720 - Quantum Mechanics I **(4)**

Engineering -- 32 credits

- EGR 1200 - Engineering Graphics and CAD **(1)**
- EGR 1400 - Computer Problem Solving in Engineering and Computer Science **(4)**
- EGR 2400 - Introduction to Electrical and Computer Engineering **(4)**
- EGR 2500 - Introduction to Thermal Engineering **(4)**
- EGR 2600 - Introduction to Industrial and Systems Engineering **(4)**
- EGR 2800 - Design and Analysis of Electromechanical Systems **(4)**
- ECE 2005 - Electric Circuits **(4)**
- ECE 3100 - Electronic Circuits and Devices I **(4)**
- PHY 4995 - Independent Research **(3 TO 6)**

Professional Depth areas -- 12 credits

The following two depth areas are offered as typical. Select 12 credits from one of these. Students with different interests can construct different depth areas in consultation with the program coordinators.

Solid state physics and technology depth area

- ECE 4130 - Electronic Materials and Devices **(4)**
- PHY 4720 - Quantum Mechanics I **(4)**

Choose one design elective course from the list below

- ECE 3710 - Computer Hardware Design **(4)**
- ECE 4210 - Communication Systems **(4)**
- ECE 4720 - Microprocessors-based Systems Design **(4)**
- ECE 4135 - Integrated Electronics **(4)**

Applied mechanics depth area

- PHY 3660 - Vibrations and Waves **(4)**
- ME 3200 - Engineering Mechanics **(4)** (or ME 3250) **(4)**

Design elective, chosen from

- ME 4500 - Energy Systems Analysis and Design **(4)**
- ME 4210 - Analysis and Design of Mechanical Structures **(4)**
- ME 4550 - Fluid and Thermal Systems Design **(4)**
- ME 4300 - Mechanical Systems Design **(4)**
- ME 4350 - Mechanical Computer-Aided Engineering **(4)**

Technical electives, choose 8 credits from

- MTH 2775 - Linear Algebra **(4)**
- APM 2663 - Discrete Mathematics **(4)**

- PHY 3180 - Nuclear Physics Laboratory **(2)**
- PHY 3310 - Optics **(4)**
- PHY 3660 - Vibrations and Waves **(4)**
- PHY 3720 - Nuclear Physics **(4)**
- PHY 3810 - Electricity and Magnetism **(4)**
- PHY 4180 - Modern Optics Laboratory **(2)**
- PHY 4720 - Quantum Mechanics I **(4)**
- PHY 4820 - Electricity and Magnetism II **(4)**
- ECE 3710 - Computer Hardware Design **(4)**
- ME 3500 - Introduction to Fluid and Thermal Energy Transport **(4)**
- ME 3250 - Mechanics of Materials **(4)**
- Any 4000-level ECE, ME or ISE courses **(4-8)**

Performance Requirements and Additional General Education Notes

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In addition to the previously stated requirements, satisfactory completion of the program requires an average grade of at least 2.0 in the engineering and computer science courses and also in the mathematics and science courses taken to meet program requirements. Students in this program are not required to complete the college distribution requirement of the College of Arts and Sciences. For further information about this program, see the section of this catalog for the School of Engineering and Computer Science, Engineering Physics program.

Medical Physics, B.S.

Requirements for the major in medical physics, B.S. program

To earn the Bachelor of Science degree with a major in medical physics, students must complete:

1. Physics courses

- PHY 1510 - Introductory Physics I (4) and PHY 1100 - General Physics Lab I

- PHY 1520 - Introductory Physics II (4) and PHY 1110 - General Physics Lab II
- PHY 3170 - Modern Physics Laboratory (2)
- PHY 3180 - Nuclear Physics Laboratory (2)
- PHY 3250 - Biological Physics (4)
- PHY 3260 - Medical Physics (4)
- PHY 3510 - Intermediate Theoretical Physics (4)
- PHY 3710 - Foundations of Modern Physics (4)
- PHY 3720 - Nuclear Physics (4)
- PHY 3810 - Electricity and Magnetism (4)

2. Mathematics and statistics courses

- MTH 1554 - Calculus I (4)
- MTH 1555 - Calculus II (4)
- MTH 2554 - Multivariable Calculus (4)
- STA 2226 - Applied Probability and Statistics (4)
- APM 2555 - Introduction to Differential Equations with Matrix Algebra (4)

3. Chemistry courses

- CHM 1440 - General Chemistry I (4) and CHM 1470 - General Chemistry Laboratory I
- CHM 1450 - General Chemistry II (4) and CHM 1480 - General Chemistry Laboratory II
- plus 4 additional credits at a level not below CHM 1440 (CHM 2010 may be taken for credit, but not CHM 3000)

4. Biology courses

- BIO 1200 - Biology I (4)
- BIO 2100 - Human Anatomy (4)
- BIO 2600 - Human Physiology (4)

5. Capstone course

- PHY 4970 - Undergraduate Seminar (3) or PHY 4995 - Independent Research (either of which fulfills the university general education requirement for the capstone course in the major)

Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts and Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

Physics, STEP

Secondary Teacher Education Program (STEP): Physics

The Secondary Teacher Education Program (STEP) at Oakland University is an extended program of study leading to certification. Students in this program may complete the requirements for a B.A. degree in physics as listed below or may complete the requirements for the B.S. degree, which requires 14 additional credits. Generally, eligibility for admission to the STEP requires a GPA of 3.00 in both the major and minor, and an overall GPA of 2.80. No single major or minor course grade may be below 2.0. Second undergraduate degree candidates completing major and/or minors may be required to complete additional course work at Oakland University beyond the stated minimums.

1. Required courses - 16 credits

- PHY 1510 - Introductory Physics I (4) and PHY 1100 - General Physics Lab I
- PHY 1520 - Introductory Physics II (4) and PHY 1110 - General Physics Lab II
- PHY 3170 - Modern Physics Laboratory (2)
- PHY 3710 - Foundations of Modern Physics (4)

2. Twelve credits chosen from

- PHY 3250 - Biological Physics (4)
- PHY 3310 - Optics (4)
- PHY 3510 - Intermediate Theoretical Physics (4)
- PHY 3610 - Mechanics I (4)
- PHY 3660 - Vibrations and Waves (4)
- PHY 3720 - Nuclear Physics (4)
- PHY 3810 - Electricity and Magnetism (4)
- PHY 4210 - Thermodynamics (4)

3. Four laboratory credits chosen from

- PHY 3060 - Observational Astronomy (2)
- PHY 3180 - Nuclear Physics Laboratory (2)
- PHY 4180 - Modern Optics Laboratory (2)
- PHY 4870 - Electricity and Magnetism Laboratory (2)
- PHY 4995 - Independent Research

4. Mathematics courses - 12 credits

- MTH 1554 - Calculus I (4)
- MTH 1555 - Calculus II (4)
- APM 2555 - Introduction to Differential Equations with Matrix Algebra (4)

5. Chemistry courses - 10 credits

- CHM 1440 - General Chemistry I (4) and CHM 1470 - General Chemistry Laboratory I
- CHM 1450 - General Chemistry II (4) and CHM 1480 - General Chemistry Laboratory II

6. Four credits of biology at or above the level of BIO 1200, excluding BIO 3000.

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7. Four credits of earth science chosen from

- PHY 1060 - Earth Science/Physical Geography (4)
- PHY 3070 - Geophysics (4)

- PHY 3080 - Physical Oceanography (4)

8. Four credits relating science, technology, and society chosen from

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- AN 3110 - Culture, Society and Technology (4)
- ENV 3080 - Introduction to Environmental Studies (4)
- ENV 3120 - Energy and the Environment (4)
- PHY 1150 - Energy (4)

9. Capstone course

- PHY 4970 - Undergraduate Seminar (3) or PHY 4995 - Independent Research (either course fulfills the university general education requirement for the capstone course in the major)

Additional information

A program in STEP must include either a 20-28 credit secondary teaching minor or an integrated science endorsement. Furthermore, STEP Physics majors must also complete a sequence of undergraduate course work in education to include SED 3000 (must be completed prior to STEP application), RDG 4238, DLL 4197, FE 3010 and SED 4100 (must be completed prior to the final internship semester).

Extended study including SE 4401, SED 4200 and SED 4952 is also required. Further details on program and admission requirements and procedures can be found in the School of Education and Human Services portion of the catalog and by consulting advisers in the department of Physics and the School of Education and Human Services Advising Office (363 Pawley Hall, 248-370-4182).

Secondary Teacher Education Program (STEP): Endorsement Concentration in Integrated Science

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Students pursuing the STEP Physics major are eligible to pursue an Integrated Science endorsement. Students who complete both the STEP Physics major and the STEP Integrated Science program will be recommended for certification by Oakland University to teach the following subjects at the secondary level: Biology, Chemistry, Earth Science, Life Science, Physical Science and Physics. This program may be substituted for a secondary teaching minor.

Students must complete the STEP physics major and the following courses:

- BIO 1200 - Biology I (4)

- BIO 1300 - Biology II (4)
- CHM 1440 - General Chemistry I (4) and CHM 1470 - General Chemistry Laboratory I
- CHM 1450 - General Chemistry II (4) and CHM 1480 - General Chemistry Laboratory II
- CHM 2340 - Organic Chemistry I (4)
- ENV 3080 - Introduction to Environmental Studies (4)
- PHY 1010 - General Physics I (4) or PHY 1510 - Introductory Physics I
- PHY 1100 - General Physics Lab I (1)
- PHY 1020 - General Physics II (4) or PHY 1520 - Introductory Physics II
- PHY 1110 - General Physics Lab II (1)
- PHY 1040 - Astronomy: The Solar System (4)
- GEO 1060 - Earth Science/Physical Geography (4) or PHY 1060 - Earth Science/Physical Geography

Note

STEP physics majors should note that many of the courses listed above may have already been taken in the process of completing the STEP physics major.

A cumulative grade point average of 3.00 is required in courses in the program, with no single course grade below 2.0. Second undergraduate degree candidates completing the program may be required to take additional courses at Oakland University beyond the stated minimums. Students must consult with the STEP physics adviser.

Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

Physics Minor

Requirements for the liberal arts minor in physics

To earn a minor in physics, students must complete a minimum of 20 credits, including:

1. Required courses

- PHY 1010 - General Physics I **(4)** or PHY 1510 - Introductory Physics I
- PHY 1100 - General Physics Lab I **(1)**
- PHY 1020 - General Physics II **(4)** or PHY 1520 - Introductory Physics II
- PHY 1110 - General Physics Lab II **(1)**

2. At least 10 credits in physics courses, of which 8 must be numbered 3000 or above

Physics Secondary Teaching Minor

Requirements for the secondary teaching minor in physics

To earn a secondary teaching minor in physics, students must complete:

1. Required courses

- PHY 1010 - General Physics I **(4)** or PHY 1510 - Introductory Physics I
- PHY 1100 - General Physics Lab I **(1)**
- PHY 1020 - General Physics II **(4)** or PHY 1520 - Introductory Physics II
- PHY 1110 - General Physics Lab II **(1)**

2. 10 credits in physics courses numbered 3000 or above

- PHY 3710 - Foundations of Modern Physics **(4)** must be one of the courses

Note

Non-sciences majors, i.e., students majoring in disciplines other than biology or chemistry, must complete an additional 4 credits in science for a total of 24 credits.

Generally, application to OU STEP requires a minimum cumulative grade point average of 3.0 in courses in the major and the minor. To progress into the internship year, students admitted to the OU STEP

must maintain a minimum GPA of 3.00 in both their major and minor coursework, with no single course grade below 2.0.

Second undergraduate degree candidates completing the minor may be required to take additional courses at Oakland University beyond the stated minimums. Students must consult with the secondary education minor adviser in the department.

Course Descriptions

PHY 1010 - General Physics I (4)
Mechanics, heat, mechanical waves and sound. Calculus is not required. (Formerly PHY 101). (PHY 1010 or PHY 101) and (PHY 1100 or PHY 110) together satisfy the university general education requirement in the natural science and technology knowledge exploration area. Prerequisite(s): Score of 20 or higher on ACT mathematics exam or 510 or higher on SAT mathematics exam; or (MTH 062 or MTH 0662) or equivalent; or placement above (MTH 062 or MTH 0662).
Corequisite(s): (PHY 1100 or PHY 110).

PHY 1020 - General Physics II (4)
Electricity and magnetism, light, relativity, atomic and nuclear physics. *Satisfies the university general education requirement in the knowledge applications integration area. Prerequisite for knowledge applications integration: completion of the general education requirement in the natural science and technology knowledge exploration area. (Formerly PHY 102)*
Prerequisite(s): (PHY 101 or PHY 1010).
Corequisite(s): (PHY 111 or PHY 1110)

PHY 1040 - Astronomy: The Solar System (4)
The sun, planets, space travel, the search for extraterrestrial life. Offered fall only. *Satisfies the university general education requirement in the natural science and technology knowledge exploration area. (Formerly PHY 104)*

PHY 1050 - Astronomy: Stars and Galaxies (4)
Nature and evolution of stars, the Milky Way and other galaxies, cosmology. Offered winter only. *Satisfies the university general education requirement in the natural science and technology knowledge exploration area. (Formerly PHY 105)*

PHY 1060 - Earth Science/Physical Geography (4)
The earth: its structure, history, and the geography of its surface. Topics include the theory of continental drift, rocks and minerals, earthquakes, volcanoes, mountains, rivers, deserts, weather, climate, the geomagnetic field, and the earth's resources. Identical with (GEO 106 or GEO 1060). *Satisfies the university general education requirement in the natural science and technology knowledge exploration area. (Formerly PHY 106*

PHY 1080 - Principles of Physics I (4)
Mechanics, heat, mechanical waves and sound. Calculus is not required. This course has common lectures with (PHY 101 or PHY 1010). (PHY 108 or PHY 1080) does not satisfy the university general education requirement in the natural science and technology knowledge exploration area. (Formerly PHY 108). Prerequisite(s): Score of 20 or higher on ACT mathematics exam or 510 on SAT mathematics exam; or (MTH 062 or MTH 0662) or equivalent; or placement above (MTH 062 or MTH 0662).

PHY 1090 - Principles of Physics II (4)
Electricity and magnetism, light, relativity, atomic and nuclear physics. This course has common lectures with PHY 1020. *Satisfies the university general education requirement in the knowledge applications integration area. Prerequisite for knowledge applications: completion of the general education requirement in the natural science and technology knowledge exploration area. (Formerly PHY 109)*
Prerequisite(s): (PHY 108 or PHY 1080).

PHY 1100 - General Physics Lab I (1)
Elementary experiments in mechanics, thermodynamics, and waves. May be taken with permission by students who have completed (PHY 108 or PHY 1080) or (PHY 161 or PHY 1610). (Formerly PHY 110)
Corequisite(s): (PHY 101 or PHY 1010) or (PHY 151 or PHY 1510).

PHY 1110 - General Physics Lab II (1)
Elementary experiments in electricity and magnetism, optics, and modern physics. May be taken by permission by students who have completed (PHY 109 or PHY 1090) or (PHY 162 or PHY 1620). (Formerly PHY 111)
Corequisite(s): (PHY 102 or PHY 1020) or (PHY 152 or PHY 1520).

PHY 1150 - Energy (4)
Basic physical principles of energy, sources, transmission and distribution. Political, economic and ecological considerations. *Satisfies the university general education requirement in the natural science and technology knowledge exploration area. (Formerly PHY 115)*
Prerequisite(s): high school algebra.

PHY 1200 - The Physics of Everyday Life (4)
Concepts of physics taught with reference to specific everyday observations or devices such as automobiles, televisions, radios, and microwave ovens. Topics include the laws of motion, fluids, heat, thermodynamics, waves, electric and magnetic fields, optics and nuclear physics. *Satisfies the university general education requirement in the natural science and technology knowledge exploration area. (Formerly PHY 120)*

PHY 1310 - The Physics of Cancer, Stroke, Heart Disease, and Headache (4)
The physical basis for a variety of diseases and disorders, as well as diagnostic and therapeutic techniques will be discussed by a number of medical physics faculty and guest lecturers. (Formerly PHY 131)
Prerequisite(s): high school algebra.

PHY 1510 - Introductory Physics I (4)
Classical mechanics and thermodynamics. For science, mathematics and engineering students. (Formerly PHY 151). *(PHY 151 or PHY 1510) and (PHY 110 or PHY 1100) together satisfy the university general education requirement in the natural science and technology knowledge exploration area.*
Prerequisite(s): (MTH 154 or MTH 1554) recommended.
Corequisite(s): (PHY 110 or PHY 1100)

PHY 1520 - Introductory Physics II (4)
Sound, light, electricity and magnetism. *Satisfies the university general education requirement in the knowledge applications integration area. Prerequisite for knowledge applications integration: completion of the general education requirement in the natural science and technology knowledge exploration area. (Formerly PHY 152)*
Prerequisite(s): (PHY 151 or PHY 1510); (MTH 155 or MTH 1555) recommended.
Corequisite(s): (PHY 1110 or PHY 111)

PHY 1610 - Fundamentals of Physics I (4)
Classical mechanics and thermodynamics. For science, mathematics and engineering students. This course has common lectures with PHY 1510. (PHY 161 or PHY 1610) does not satisfy the university general education requirement in the natural science and technology knowledge exploration area. (Formerly PHY 161)
Prerequisite(s): (MTH 154 or MTH 1554).

PHY 1620 - Fundamentals of Physics II (4)
Sound, light, electricity and magnetism. This course has common lectures with PHY 1520. *Satisfies the university general education requirement in the knowledge applications integration area. Prerequisite for knowledge applications integration: completion of the general education requirement in the natural science and technology knowledge exploration area. (Formerly PHY 162)*
Prerequisite(s): (PHY 161 or PHY 1610); (MTH 155 or MTH 1555).

PHY 2995 - Introduction to Research (2 OR 4)
Independent study and/or research in physics for students with no research experience. May be repeated for additional credit. (Formerly PHY 290)
Prerequisite(s): written agreement of a physics faculty supervisor.

PHY 3040 - Astrophysics I (4)
Application of elementary physics to the study of planets, stars, galaxies and cosmology. (Formerly PHY 304)
Prerequisite(s): recommended (PHY 102 or PHY 1020) or (PHY 152 or PHY 1520) and (MTH 254 or MTH 2554).

PHY 3050 - Astrophysics II (4)
Continuation of (PHY 304 or PHY 3040). (Formerly PHY 305)
Prerequisite(s): (PHY 304 or PHY 3040) recommended.

PHY 3060 - Observational Astronomy (2)
Lecture/laboratory course providing basic training in astronomical techniques. (Formerly PHY 306)
Prerequisite(s): instructor permission. (PHY 104 or PHY 1040) or (PHY 105 or PHY 1050) recommended.

PHY 3070 - Geophysics (4)
The application of physics concepts to the study of the earth, gravity and its anomalies, geomagnetism, earth-sun energy, geochronology and seismic wave propagation. (Formerly PHY 307)
Prerequisite(s): (PHY 102 or PHY 1020) or (PHY 152 or PHY 1520), (PHY 106 or PHY 1060) and (MTH 254 or MTH 2554) recommended.

PHY 3080 - Physical Oceanography (4)
Physical oceanography and meteorology; composition and structure of the atmosphere and oceans. Interactions of sea water with the atmosphere, the continents and man. (Formerly PHY 308)
Prerequisite(s): (PHY 102 or PHY 1020) or (PHY 152 or PHY 1520), (PHY 106 or 1060) and (MTH 254 or 2554) recommended.

PHY 3170 - Modern Physics Laboratory (2)
Optics and atomic physics experiments. (Formerly PHY 317)
Prerequisite(s): recommended (PHY 110 or PHY 1100) and (PHY 111 or PHY 1110).
Corequisite(s): recommended (PHY 371 or PHY 3710).

PHY 3180 - Nuclear Physics Laboratory (2)
Nuclear physics experiments. (Formerly PHY 318)
Prerequisite(s): (PHY 110 or PHY 1100) and (PHY 111 or PHY 1110) recommended.
Corequisite(s): (PHY 372 or PHY 3720) recommended.

PHY 3250 - Biological Physics (4)
Applications of physics to biology, including biomechanics, fluid dynamics, statistical mechanics, diffusion, bioelectricity, biomagnetism, feedback and control. (Formerly PHY 325)
Prerequisite(s): (PHY 102 or PHY 1020) or (PHY 152 or PHY 1520) and (MTH 155 or MTH 1555) recommended.

PHY 3260 - Medical Physics (4)
Applications of physics to medicine, including signal analysis, imaging, x-rays, nuclear medicine and magnetic resonance imaging. (Formerly PHY 326)
Prerequisite(s): (PHY 102 or PHY 1020) or (PHY 152 or PHY 1520) and (MTH 155 or MTH 1555) recommended.

PHY 3310 - Optics (4)
Geometrical optics, optical instruments, wave theory of reflection, refraction, interference, diffraction and polarization of light. (Formerly PHY 331)
Prerequisite(s): recommended (PHY 102 or PHY 1020) or (PHY 152 or PHY 1520) and (MTH 155 or MTH 1555).
Corequisite(s): recommended (MTH 254 or MTH 2554).

PHY 3510 - Intermediate Theoretical Physics (4)
Topics and techniques common to intermediate physics courses. Includes analytical and numerical (computer) solution techniques, DIV, GRAD, CURL and Fourier analysis. (Formerly PHY 351)
Prerequisite(s): recommended (PHY 102 or PHY 1020) or (PHY 152 or PHY 1520) and (MTH 155 or MTH 1555).

PHY 3610 - Mechanics I (4)
Applications of Newton's laws to particles, systems of particles, harmonic oscillators, central forces, accelerated reference frames and rigid bodies. (Formerly PHY 361)
Prerequisite(s): (PHY 102 or PHY 1020) or (PHY 152 or PHY 1520) and (MTH 254 or MTH 2554) recommended.

PHY 3660 - Vibrations and Waves (4)
Oscillations; mechanical waves in one, two and three dimensions; sound. (Formerly PHY 366)
Prerequisite(s): (PHY 152 or PHY 1520) and (MTH 155 or MTH 1555) recommended.

PHY 3710 - Foundations of Modern Physics (4)
Introduction to relativity, kinetic theory, quantization and atomic physics. Additional topics chosen from physics of molecules, solids, nuclei and elementary particles. (Formerly PHY 371)
Prerequisite(s): (PHY 102 or PHY 1020) or (PHY 152 or PHY 1520) and (MTH 155 or MTH 1555) recommended; concurrent enrollment in (PHY 317 or PHY 3170).

PHY 3720 - Nuclear Physics (4)
Radioactivity, interaction of radiations with matter, accelerators, nuclear reactions, fission and fusion. (Formerly PHY 372)
Prerequisite(s): (PHY 102 or PHY 1020) or (PHY 152 or PHY 1520) and (MTH 155 or MTH 1555) recommended; concurrent enrollment in (PHY 318 or PHY 3180).

PHY 3810 - Electricity and Magnetism (4)
Maxwell's equations and the experimental laws of electricity and magnetism. Potential theory, boundary conditions on the electromagnetic field vectors, field energy. Dielectrics, conductors and magnetic materials. (Formerly PHY 381)
Prerequisite(s): recommended (PHY 351 or PHY 3510) and (MTH 254 or MTH 2554). (APM 255 or APM 2555).

PHY 4180 - Modern Optics Laboratory (2)
Experiments illustrating geometric and physical optics principles, lasers, fiber optics, holography, and spectroscopy. Equipment used ranges from simple to sophisticated lasers, interferometers, digital cameras, and a Raman spectrometer. (Formerly PHY 418)
Prerequisite(s): recommended (PHY 317 or PHY 3170), (PHY 371 or PHY 3710) and (PHY 331 or PHY 3310) or permission of instructor.

PHY 4210 - Thermodynamics (4)
The zeroth, first and second laws of thermodynamics with applications to pure substances. Introduction to the kinetic theory of gases and to statistical mechanics. (Formerly PHY 421)
Prerequisite(s): (PHY 361 or PHY 3610) and (APM 255 or APM 2555) recommended.

PHY 4310 - Lasers and Applications (4)
Interaction of radiation and atomic systems, basic principles and properties of laser light, types of lasers, applications in physics, optical communication, industry and medicine. (Formerly PHY 431)
Prerequisite(s): recommended (PHY 331 or PHY 3310) or (PHY 371 or PHY 3710) or permission of instructor.

PHY 4700 - Relativity (4)
Special relativity in mechanics and electromagnetism. Introduction to general relativity and gravitation. (Formerly PHY 470)
Prerequisite(s): recommended (PHY 361 or PHY 3610) or (PHY 371 or PHY 3710) or (PHY 381 or PHY 3810).

PHY 4720 - Quantum Mechanics I (4)
Principles of non-relativistic quantum mechanics, Schrodinger wave equation, expectation values of energy, position, momentum and angular-momentum operators, spin, perturbation theory, identical particles. With applications to atomic systems. (Formerly PHY 472)
Prerequisite(s): recommended (PHY 351 or PHY 3510), (PHY 361 or PHY 3610), (PHY 371 or PHY 3710) and (APM 255 or APM 2555).

PHY 4820 - Electricity and Magnetism II (4)
Multipole fields, solutions of Laplace and Poisson equations, electromagnetic waves in insulators and conductors, radiation and the derivation of the laws of optics from Maxwell's equations. (Formerly PHY 482)
Prerequisite(s): recommended (PHY 381 or PHY 3810), (APM 255 or APM 2555).

PHY 4870 - Electricity and Magnetism Laboratory (2)
Experiments in electricity and in magnetism, including coupled circuits, bridges, creation and detection of electric and magnetic fields, the geomagnetic field, spectrum analysis, transmission lines and microwaves. (Formerly PHY 487)
Corequisite(s): (PHY 381 or PHY 3810).

PHY 4905 - Special Topics (2 TO 6)
Prerequisite(s): permission of department. (Formerly PHY 405)

PHY 4970 - Undergraduate Seminar (3)
Weekly colloquia describing research at the forefront of physics. Requires a written report. *Satisfies the university general education requirement for the capstone experience. Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly PHY 400)*
Prerequisite(s): permission of instructor.

PHY 4995 - Independent Research (3 TO 6)
Independent study or research project carried out under the direction of a faculty member. May be repeated for additional credit. Requires a written report. *Satisfies the university general education requirement for the capstone experience. Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly PHY 490)*
Prerequisite(s): junior standing and written agreement with a physics faculty member.

SCI 1000 - Physical Sciences in Life, the World and Beyond (4)
Interdisciplinary physical science course for non-science majors to enhance their scientific literacy and experience the scientific approach to problem solving in active-learning classrooms and hands-on in computer laboratories. Modules on the science of everyday life, science of the microscopic world, and the earth and beyond. Offered every semester. *Satisfies the university general education requirement in the natural science and technology knowledge exploration area. (Formerly SCI 100)*
Prerequisite(s): (MTH 062 or MTH 0662) with a grade of 2.0 or higher or placement in higher level math course.

Department of Political Science

418 VARNER HALL
(248) 370-2352
Fax: (248) 370-4299

Department website

Chairperson: *David A. Dulio*

Distinguished professor emeritus: *Sheldon Appleton*

Professors emeriti: *Thomas W. Casstevens, Robert J. Goldstein, Vincent B. Khapoya, William A. Macauley, Roger H. Marz*

Professors: *David A. Dulio, John S. Klemanski, Paul J. Kubicek*

Associate professors: *Douglas Carr, Matthew Fails, Diane Hartmus, Roger Larocca, Laura Landolt, Emmett Lombard, Claudia Petrescu, C. Michelle Piskulich, J. Patrick Piskulich, Terri L. Towner, Peter F. Trumbore, Julie Walters*

Assistant professors: *Cristian Cantir, Nicole Asmussen Matthew, Diana Orces*

Special instructor: *Alan David Epstein*

Internship directors: *Diane Hartmus (Public Administration), Julie Walters (Political Science and International Relations)*

Political science offers a concentrated and systematic study of politics at all levels of government and in many different cultural and national settings. Policy making, political institutions, law, political behavior, administration, international politics, foreign governments, and theories and philosophies of government are among the many topics covered in the department's course offerings. The aim of the department's general educational courses is to increase students' awareness and understanding of the broad realm of politics and government. Many students electing a major from the Department of Political Science wish to prepare for careers in all types of fields given the set of skills students develop (e.g., critical thinking, data analysis, writing, etc.) in their studies. Fields closest to the discipline include government, law, practical politics like campaigning and lobbying, or the teaching of government and social studies. Students earning a degree from the political science department also go on to careers in the non-profit and business sectors and a wide range of graduate programs.

The Bachelor of Arts degree with a major in political science is the department's broadest program and is appropriate for students with an interest in government and politics or students who intend to enter law school or graduate school. The Bachelor of Arts degree with a major in international relations is a multidisciplinary major, which is housed in the Department of Political Science, and focuses on global

politics, economics, history and philosophy. This major is ideal for students interested in working with a multinational corporation, an international development agency or a government institution such as the Department of State. The department also offers a major in public administration leading to the Bachelor of Science degree. This program is designed to provide appropriate analytical skills and prepare students for direct entry into public service or for specialized graduate programs in public administration and public policy. The Master of Public Administration degree is also offered by the department (see the *Oakland University Graduate Catalog*), which is a member of the National Association of Schools of Public Affairs and Administration (NASPAA).

Departmental Honors and Scholarships

Departmental honors will be awarded to students who have attained an overall grade point average of at least 3.50. Scholarships are available annually on a competitive basis to qualified department majors.

Requirements for a major in political science with other concentrations

Students in political science may pursue a regular major in political science with a number of interdepartmental concentrations. These include American studies, environmental studies and urban studies.

Recommended Courses for Pre-Law Students

It is recommended that political science majors interested in law school elect the law-related courses offered by the department. These include, but are not limited to:

PS 3255 - U.S. Constitutional Law, PS 3260 - Civil Rights and Civil Liberties, PS 3115 - The Judicial Process,

PS 3265 - Gender Discrimination and the Supreme Court and PS 3250 - Law and Politics.

For advice in planning for law school, contact the department's pre-law adviser, Julie Walters. The student should also consult the *Pre-law Studies* website, accessible through the department's webpage, as well as the associated section of this catalog.

Advanced Seminars

From time to time, the department offers advanced seminars in which a topic or problem is studied in depth, and in which significant individual student research is presented for analysis.

Oakland University - Wayne State University 3+3 Program

The Department of Political Science participates in the Oakland University - Wayne State University Law School 3+3 Program, which allows students the opportunity to earn an undergraduate degree (BA or BS) and a law degree (JD) in a minimum of 6 years. Students majoring in political science, international relations or public administration and public policy may participate.

A total of 30 credits from Wayne State University's Law School will be counted toward the undergraduate degree for one of these majors. Students must complete the coursework as specified by the major, along with the university's general education requirements, and then can apply the 30 credits as elective credits toward the 124 required for the undergraduate degree. The 12-credit College of Arts and Sciences Exploratory Requirement is waived for those who participate.

Students interested in this opportunity should contact their academic adviser in the First Year Advising Center, the College of Arts and Sciences Advising Office or the Department of Political Science. Contact the department at (248) 370-2352 or via polisci@oakland.edu to find out the name of the pertinent faculty adviser in the Political Science Department.

Additional Information

Students are limited to 8 credits of independent study (PS 3996 or PS 4995)in any one semester. Applicants must seek departmental approval at the beginning of the semester prior to that of the internship. Public administration majors are required to complete 4 credits of PS 4950, but no more than 4 credits of PS 4955 may be counted toward the major in political science or international relations. Permission forms are available in 418 Varner Hall.

Programs

- International Relations Minor
- International Relations, B.A.
- Political Science - Wayne Law Agreement
- Political Science Minor
- Political Science Secondary Teaching Minor
- Political Science, B.A.
- Public Administration and Public Policy Minor
- Public Administration and Public Policy, B.S.
- Public Administration and Public Policy, B.S. to M.P.A.
- Urban Studies Concentration

International Relations Minor

Requirements for the liberal arts minor in international relations

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The liberal arts minor in international relations requires 22-26 credits, plus one year of a single modern foreign language as a corequisite. This includes 12-14 credits of required core courses and 10-12 credits of elective courses. The electives must be taken in at least two different disciplines, one of which must

be political science [students may take one political science course (4 credits) and two non-political science courses (6-8 credits) or two political science courses (8 credits) and one non-political science course (3-4 credits) to reach the 10-12 credit total]. Credit toward the minor will be allowed only for courses completed with a grade of 2.0 or higher.

Core courses - 12-14 credits

- PS 1600 - Issues in World Politics **(4)**
- PS 3040 - International Politics: Theory and Practice **(4)**
- ECN 2020 - Principles of Global Macroeconomics **(4)** or ECN 2100 - Principles of Economics **(6)**

Electives in political science - 4 credit minimum, 8 credit maximum

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- PS 3940 - Special Topics in Comparative Politics and International Relations **(1 TO 4)**
- PS 3615 - Comparative Foreign Policy **(4)**
- PS 3610 - United States Foreign Policy **(4)**
- PS 3710 - International Politics of Human Rights **(4)**
- PS 3810 - Conducting Political Surveys **(4)**
- PS 3435 - Chinese Politics and Foreign Policy **(4)**
- PS 3420 - European Political Systems **(4)**
- PS 3550 - Politics of Development **(4)**
- PS 3415 - Politics of the Middle East and North Africa **(4)**
- PS 3410 - African Politics **(4)**
- PS 3430 - Political Systems of Asia **(4)**
- PS 3405 - Politics of Latin America **(4)**
- PS 3565 - Dictatorships **(4)**
- PS 3425 - The Russian Political System **(4)**
- PS 3640 - International Political Economy **(4)**
- PS 3560 - Revolution, Intervention, and Democratization **(4)**
- PS 3730 - Global Environmental Governance **(4)**
- PS 3780 - International Terrorism: Causes, Consequences, Responses **(4)**

- PS 3630 - International Organizations **(4)**
- PS 3605 - Model United Nations **(2 OR 4)** (*may be taken up to two times for a total of four credits toward the international relations minor)*
- PS 3555 - Global Democratization **(4)**
- PS 3715 - Gender and Int'l Relations **(4)**
- PS 3750 - International Conflict and Security **(4)**
- PS 3755 - International Negotiation and Bargaining **(4)**
- PS 3650 - Globalization and International Economic Institutions **(4)**

Electives in economics, history or philosophy - 3-4 credit minimum; 6-8 credit maximum

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- ECN 2010 - Principles of Microeconomics **(4)** or ECN 2100 - Principles of Economics **(6)**
- ECN 3260 - International Economic Development **(3)**
- ECN 3730 - International Trade **(3)**
- ECN 3740 - Economics of Intl Finance **(3)**
- HST 2602 - Introduction to Latin American History since 1825 **(4)**
- HST 3206 - Cold War America, 1945-1990 **(4)**
- HST 3210 - History of American Foreign Relations in the Twentieth Century **(4)**
- HST 3435 - Britain, 1911 to Present **(4)**
- HST 3400 - Europe since 1914 **(4)**
- HST 3480 - Germany since 1740 **(4)**
- HST 3450 - Modern Italy: National Unification and the 20th Century **(4)**
- HST 3405 - Nationalism in Modern Europe **(4)**
- HST 3490 - History of Modern Russia **(4)**
- HST 3510 - The Modern Middle East **(4)**
- HST 3540 - The Arab-Israeli Conflict **(4)**
- HST 3520 - The Cold War in the Middle East **(4)**
- HST 3550 - Modern Iran and Iraq **(4)**
- HST 3660 - History of Argentina, Brazil, and Chile **(4)**
- HST 3820 - China Since 1949 **(4)**

- HST 3730 - Postcolonial Conflicts in African History **(4)**
- HST 3720 - Modern African History Since 1800 **(4)**
- HST 3740 - African Environmental History **(4)**
- HST 3670 - Latin American Revolutions **(4)**
- HST 3665 - Indigenous Movements in Latin America, 1492-Present **(4)**
- HST 4250 - The U.S. and the War in Vietnam **(4)**
- PHL 3610 - Philosophy of International Relations: Law, War and Peace **(4)**
- PHL 3620 - Global Justice **(4)**

Corequisite

Students must complete one year of a single modern foreign language or demonstrate equivalent competency at the first year level in a single modern foreign language.

Note

Students using this catalog to meet international relations minor requirements may also use any course subsequently approved as satisfying requirements in the electives categories and published in a later catalog.

International Relations, B.A.

Requirements for the liberal arts major in international relations, B.A. program

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The major requires a minimum of 46-50 credits, with a possible 62-66 depending upon a student's competency in foreign language. Credit toward the major will be allowed only for courses completed with a grade of 2.0 or higher.

A. Core

- PS 1600 - Issues in World Politics (4)
- PS 1400 - Comparative Politics (4)
- PS 3040 - International Politics: Theory and Practice (4)
- PS 2500 - The Research Process in Political Science (4)
- PS 2550 - Data Analysis in Political Science (4)
- ECN 2020 - Principles of Global Macroeconomics (4) or ECN 2100 - Principles of Economics (6)

A capstone course selected from

- PS 4980 - Seminar in International Relations (4)
- PS 4975 - Seminar in the Comparative Study of Political Systems (4)

B. Electives in political science - 12 credits selected from

- PS 3940 - Special Topics in Comparative Politics and International Relations (1 TO 4)
- PS 3615 - Comparative Foreign Policy (4)
- PS 3610 - United States Foreign Policy (4)
- PS 3710 - International Politics of Human Rights (4)
- PS 3810 - Conducting Political Surveys (4)
- PS 3435 - Chinese Politics and Foreign Policy (4)
- PS 3420 - European Political Systems (4)
- PS 3550 - Politics of Development (4)
- PS 3415 - Politics of the Middle East and North Africa (4)
- PS 3410 - African Politics (4)
- PS 3430 - Political Systems of Asia (4)
- PS 3405 - Politics of Latin America (4)
- PS 3565 - Dictatorships (4)
- PS 3425 - The Russian Political System (4)
- PS 3640 - International Political Economy (4)
- PS 3560 - Revolution, Intervention, and Democratization (4)
- PS 3730 - Global Environmental Governance (4)
- PS 3780 - International Terrorism: Causes, Consequences, Responses (4)
- PS 3630 - International Organizations (4)
- PS 3605 - Model United Nations (2 OR 4) (may be taken up to two times for a total of four credits toward the international relations major)
- PS 3555 - Global Democratization (4)
- PS 3715 - Gender and Int'l Relations (4)
- PS 3750 - International Conflict and Security (4)
- PS 3755 - International Negotiation and Bargaining (4)
- PS 3650 - Globalization and International Economic Institutions (4)

C. Electives in economics, history, philosophy - 6-8 credits

- ECN 2010 - Principles of Microeconomics (4)
- ECN 3260 - International Economic Development (3)
- ECN 3730 - International Trade (3)
- ECN 3740 - Economics of Intl Finance (3)
- HST 2602 - Introduction to Latin American History since 1825 (4)
- HST 3206 - Cold War America, 1945-1990 (4)
- HST 3210 - History of American Foreign Relations in the Twentieth Century (4)
- HST 3435 - Britain, 1911 to Present (4)
- HST 3400 - Europe since 1914 (4)
- HST 3480 - Germany since 1740 (4)
- HST 3450 - Modern Italy: National Unification and the 20th Century (4)
- HST 3405 - Nationalism in Modern Europe (4)
- HST 3490 - History of Modern Russia (4)
- HST 3510 - The Modern Middle East (4)
- HST 3540 - The Arab-Israeli Conflict (4)
- HST 3520 - The Cold War in the Middle East (4)
- HST 3550 - Modern Iran and Iraq (4)
- HST 3660 - History of Argentina, Brazil, and Chile (4)
- HST 3875 - Twentieth-Century Japan (4)
- HST 3820 - China Since 1949 (4)
- HST 3730 - Postcolonial Conflicts in African History (4)
- HST 3720 - Modern African History Since 1800 (4)
- HST 3740 - African Environmental History (4)
- HST 3670 - Latin American Revolutions (4)
- HST 3665 - Indigenous Movements in Latin America, 1492-Present (4)
- HST 4250 - The U.S. and the War in Vietnam (4)
- PHL 3610 - Philosophy of International Relations: Law, War and Peace (4)
- PHL 3620 - Global Justice (4)

D. Foreign language corequisite - 16 credits or equivalency

Students must complete two years of a single modern foreign language or demonstrate equivalent competency at the second year level in a single modern foreign language.

Note

Students using this catalog to meet international relations major requirements may also use any course subsequently approved as satisfying requirements in the electives categories and published in a later catalog.

Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts and Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

Political Science - Wayne Law Agreement

The Department of Political Science participates in the Oakland University - Wayne State University Law School 3+3 Program, which allows students the opportunity to earn an undergraduate degree (B.A. or B.S.) and a law degree (J.D.) in a minimum of 6 years. Students majoring in political science, international relations, or public administration and public policy may participate.

A total of 30 credits from Wayne State University's Law School will be counted toward the undergraduate degree for one of these majors. Students must complete the coursework as specified by the major, along with the university's General Education Requirements, and then can apply to the Wayne Law program. Once admitted and on the successful completion of the first year of law school, students can apply the 30 credits from Wayne Law as elective credits toward the 124 required for the undergraduate degree. The 12-credit College of Arts & Sciences College Exploratory Requirement **is waived** for those who participate.

Students interested in this opportunity should contact their academic adviser in the First Year Advising Center, the College of Arts and Sciences Advising Office, or the Department of Political Science. (Students may contact the department at (248) 370-2352 or via polisci@oakland.edu to find out the name of their faculty adviser.)

Political Science Minor

Requirements for liberal arts minor in political science

To earn a minor in political science, students must complete a minimum of 20 credits in political science, with at least eight credits at the 3000-4000 level. Credit toward the minor will be allowed only for courses completed with a grade of 2.0 or higher.

Note

Students majoring in public administration who wish to earn a minor in political science must complete a minimum of 16 additional credits in political science beyond those required for a major in public administration (see section B under the Political Science, B.A., for choices).

Students majoring in international relations who wish to earn a minor in political science must complete a minimum of 12 additional credits in American politics and/or political theory (see sections B.1 and B.3 under the Political Science, B.A., for choices).

Political Science Secondary Teaching Minor

Requirements for the secondary teaching minor in political science

The secondary teaching minor in political science requires 24 credits in political courses, including

1. Required courses

- PS 1100 - Introduction to American Politics **(4)**

And one of the following

- PS 3105 - Congress and the Legislative Process **(4)**
- PS 3115 - The Judicial Process **(4)**

2. One course from any four of the following six groupings:

State and local government

- PS 3130 - Local Government and Politics **(4)**
- PS 3135 - State Politics **(4)**

Political behavior

- PS 3155 - Political Parties and Interest Groups **(4)**
- PS 3165 - Elections and Voting Behavior **(4)**
- PS 3230 - Public Opinion **(4)**
- PS 3160 - Media and Politics **(4)**

Public administration and public policy

- PS 3305 - Public Administration **(4)**
- PS 3310 - American Public Policy **(4)**

International relations and comparative politics

- PS 1600 - Issues in World Politics **(4)**
- PS 1400 - Comparative Politics **(4)**

Political philosophy

- PS 3020 - American Political Thought **(4)**
- PS 3005 - Western Political Thought I **(4)**
- PS 3010 - Western Political Thought II **(4)**
- PS 3070 - Politics Through Literature **(4)**

Cross-cultural perspectives

- PS 3205 - American Political Culture **(4)**
- PS 3210 - Women and Politics **(4)**
- PS 3220 - Religion and Politics **(4)**

Additional information

Generally, application to OU STEP requires a minimum cumulative grade point average of 3.0 in courses in the major and the minor. To progress into the internship year, students admitted to the OU STEP must maintain a minimum GPA of 3.00 in both their major and minor coursework, with no single course grade below 2.0.

Second undergraduate degree candidates completing the minor may be required to take additional courses at Oakland University beyond the stated minimums.

Please note: STEP minors in political science who have transferred a 3-credit American Government course must complete either PS 3105 - Congress and the Legislative Process or PS 3210 - Women and Politics. Either of these courses also can serve to meet part of the 24 credits of requirements noted above. Students must consult with the secondary education minor adviser in the department.

Political Science, B.A.

Requirements for the liberal arts major in political science, B.A. program

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The major requires a minimum of 44 credits in political science as outlined below. Credit toward the major will only be allowed for courses completed with a grade of 2.0 or higher.

A. Core courses

- PS 1100 - Introduction to American Politics **(4)**
- PS 1600 - Issues in World Politics **(4)** or PS 1400 - Comparative Politics **(4)**
- PS 2500 - The Research Process in Political Science **(4)**

- PS 2550 - Data Analysis in Political Science **(4)**

One capstone course selected from

- PS 4970 - Seminar in American Politics **(4)**
- PS 4980 - Seminar in International Relations **(4)**
- PS 4975 - Seminar in the Comparative Study of Political Systems **(4)**

B. At least one course selected from each of the three fields of political science, chosen from the following

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1. American politics

- PS 3205 - American Political Culture **(4)**
- PS 3110 - American Presidency **(4)**
- PS 3105 - Congress and the Legislative Process **(4)**
- PS 3130 - Local Government and Politics **(4)**
- PS 3930 - Special Topics in American Politics **(2 OR 4)**
- PS 3135 - State Politics **(4)**
- PS 3240 - Politics Through Film **(4)**
- PS 3225 - Political Leadership **(4)**
- PS 3210 - Women and Politics **(4)**
- PS 3215 - The Politics of Race and Ethnicity **(4)**
- PS 3140 - Michigan Government Politics and Policy **(4)**
- PS 3235 - Politics and the Internet **(4)**
- PS 3810 - Conducting Political Surveys **(4)** *(may satisfy the American politics field requirement or the comparative and international politics field requirement, but not both)*
- PS 3155 - Political Parties and Interest Groups **(4)**
- PS 3165 - Elections and Voting Behavior **(4)**
- PS 3230 - Public Opinion **(4)**
- PS 3170 - Political Campaigns **(4)**

- PS 3160 - Media and Politics **(4)**
- PS 3255 - U.S. Constitutional Law **(4)**
- PS 3260 - Civil Rights and Civil Liberties **(4)**
- PS 3115 - The Judicial Process **(4)**
- PS 3265 - Gender Discrimination and the Supreme Court **(4)**
- PS 3250 - Law and Politics **(4)**
- PS 3305 - Public Administration **(4)**
- PS 3850 - Geographic Information System Analysis for Sustainability **(4)**
- PS 3310 - American Public Policy **(4)**
- PS 3220 - Religion and Politics **(4)**
- PS 3340 - Public Policy and Health Care **(4)**

2. Comparative and international politics

- PS 3940 - Special Topics in Comparative Politics and International Relations **(1 TO 4)**
- PS 3615 - Comparative Foreign Policy **(4)**
- PS 3040 - International Politics: Theory and Practice **(4)** *(may satisfy the comparative and international politics field requirement or the political theory and political thought field requirement, but not both)*
- PS 3610 - United States Foreign Policy **(4)**
- PS 3710 - International Politics of Human Rights **(4)**
- PS 3810 - Conducting Political Surveys **(4)** *(may satisfy the American politics field requirement or the comparative and international politics field requirement, but not both)*
- PS 3435 - Chinese Politics and Foreign Policy **(4)**
- PS 3420 - European Political Systems **(4)**
- PS 3550 - Politics of Development **(4)**
- PS 3415 - Politics of the Middle East and North Africa **(4)**
- PS 3410 - African Politics **(4)**
- PS 3430 - Political Systems of Asia **(4)**
- PS 3405 - Politics of Latin America **(4)**

- PS 3565 - Dictatorships **(4)**
- PS 3425 - The Russian Political System **(4)**
- PS 3640 - International Political Economy **(4)**
- PS 3560 - Revolution, Intervention, and Democratization **(4)**
- PS 3730 - Global Environmental Governance **(4)**
- PS 3780 - International Terrorism: Causes, Consequences, Responses **(4)**
- PS 3630 - International Organizations **(4)**
- PS 3605 - Model United Nations **(2 OR 4)** *(may be taken up to two times for a total of four credits toward the political science major)*
- PS 3555 - Global Democratization **(4)**
- PS 3715 - Gender and Int'l Relations **(4)**
- PS 3750 - International Conflict and Security **(4)**
- PS 3755 - International Negotiation and Bargaining **(4)**
- PS 3650 - Globalization and International Economic Institutions **(4)**

3. Political theory and political thought

- PS 3040 - International Politics: Theory and Practice **(4)** *(may satisfy the comparative and international politics field requirement or the political theory field requirement, but not both)*
- PS 3080 - Systematic Political Analysis **(4)**
- PS 3020 - American Political Thought **(4)**
- PS 3005 - Western Political Thought I **(4)**
- PS 3010 - Western Political Thought II **(4)**
- PS 3070 - Politics Through Literature **(4)**
- PS 3050 - Communism **(4)**

C. The remaining credits are elective courses with the following restrictions

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- Only 4 credits of PS 3605 - Model United Nations (2) will be accepted toward the major.
- No more than a total of 12 credits of PS 3996, PS 4955 and PS 4995 will be accepted toward the major.

- No more than 4 credits of PS 4955 may be counted toward the major in political science. Applicants must seek departmental approval at the beginning of the semester prior to that of the internship by contacting Professor Julie Walters.

Note

Students using this catalog to meet political science major requirements may also use any course subsequently approved as satisfying requirements in the American politics, comparative and international politics, and political theory and political thought categories and published in a later catalog.

Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts & Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

Public Administration and Public Policy Minor

Requirements for the liberal arts minor in public administration and public policy

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To earn a liberal arts minor in public administration and public policy, students must complete a minimum of 20 credits. Credit toward the minor will be allowed only for courses completed with a grade of 2.0 or higher.

Required courses

- PS 3305 - Public Administration (4)
- PS 3310 - American Public Policy (4)

- PS 3320 - Public Budgeting (4)
- PS 3325 - Public Sector Human Resource Management (4)

One additional course, selected from

- PS 3110 - American Presidency (4)
- PS 3105 - Congress and the Legislative Process (4)
- PS 3130 - Local Government and Politics (4)
- PS 3135 - State Politics (4)
- PS 3115 - The Judicial Process (4)
- PS 3250 - Law and Politics (4)
- PS 3315 - Public Administration Financial Analysis (4)

Note

Students using this catalog to meet public administration and public policy minor requirements may also use any course subsequently approved as satisfying the elective course option and published in a later catalog.

Public Administration and Public Policy, B.S.

Requirements for the liberal arts major in public administration and public policy, B.S. program

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Students must complete a minimum of 46 credits for the major. Credit toward the major will be allowed only for courses and corequisites completed with a grade of 2.0 or higher.

A. Core courses

- PS 1100 - Introduction to American Politics (4)
- PS 1600 - Issues in World Politics (4) or PS 1400 - Comparative Politics (4)
- PS 2500 - The Research Process in Political Science (4)
- PS 2550 - Data Analysis in Political Science (4)

B. Sequence of departmental courses

- PS 2800 - Public Affairs Careers Orientation (2)
- PS 3305 - Public Administration (4)
- PS 3315 - Public Administration Financial Analysis (4)
- PS 3310 - American Public Policy (4)
- PS 4030 - Government and the Economy (4)
- PS 3320 - Public Budgeting (4)
- PS 3325 - Public Sector Human Resource Management (4)
- PS 4950 - Public Administration Internship (4) Enrollment in this capstone course must be preceded by consultation with the internship director. In those cases where the internship requirement is waived, the student must elect an alternative 4-credit capstone course, subject to approval of the department.

Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts and Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

Public Administration and Public Policy, B.S. to M.P.A.

Accelerated Public Administration and Public Policy Bachelor of Science to Master of Public Administration Program (B.S. to M.P.A)

The Accelerated Public Administration and Public Policy, B.S. to M.P.A. option is designed for high achieving undergraduate students pursuing a bachelor's in public administration at Oakland University and wishing to complete a Master of Public Administration degree directly following. The accelerated B.S. to M.P.A. allows students to take three graduate level courses, PA 5100, PA 5200 and PA 5300, while still an undergraduate and pay undergraduate tuition rates. Within the B.S. requirements, PA 5100 replaces PS 3305. PA 5200 replaces PS 3320, and PA 5300 replaces PS 3325.

To be eligible for the Public Administration and Public Policy, B.S. to M.P.A. option, students must:

1. Have earned a minimum cumulative grade point average of 3.2 or higher and completed at least six classes of the undergraduate program major courses.
2. Apply for and receive delayed admission into the MPA program thereby the substitution of graduate classes PA 5100, PA 5200, PA 5300 in place of three undergraduate classes, PS 3305, PS 3320, PS 3325. Note: Students must receive formal delayed admission into the program to be eligible to register for PA 5100, PA 5200, and PA 5300.
3. Maintain a minimum 3.0 cumulative grade point average to completion of the B.S. degree in Public Administration and Public Policy and gain formal admission into the M.P.A. program.

Students admitted to this accelerated program can graduate with an M.P.A. degree in five years. Students wishing to acquire a specialized concentration may need extra semesters to complete the concentration.

To apply to the B.S. to M.P.A. program, contact Suzanne Rossi, M.P.A. coordinator.

Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirement, the College of Arts and Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

Urban Studies Concentration

Committee: De Witt S. Dykes (History), Oded Izraeli (Economics)

The urban studies concentration is designed to provide a comprehensive interdisciplinary understanding of modern urban civilization and to develop an appreciation of some of the problems and policy issues

confronting contemporary American urban communities. It is also designed to introduce some of the technical skills that are a prerequisite to the successful pursuit of career opportunities in a variety of urban-oriented public and private service or administrative organizations.

The concentration provides a carefully selected group of required core courses drawn from several departments, allows a relatively broad choice of electives and provides an interdisciplinary seminar designed to help integrate the knowledge and skills acquired in the program.

Students wishing to pursue the concentration in urban studies must submit an advising plan to the concentration adviser and make application to the concentration coordinator to be admitted to the program. One course in statistics and/or methodology offered by a social science department or a statistics course offered by the Department of Mathematical Sciences is a prerequisite to the program. To earn the urban studies concentration, students must complete a minimum of 28 credits, distributed as follows:

1. Core - three of the following four courses

- ECN 3090 - State and Local Public Finance (3)
- HST 3270 - History of American Cities (4)
- PS 3130 - Local Government and Politics (4)
- SOC 3640 - Urban and Community Sociology (4)

2. Electives - four of the following courses

None of the courses may overlap with courses in the student's major and no more than two courses may be taken in a single department.

- AH 3440 - Modern Architecture and Urban Design (4)
- HRD 3520 - Career Development (4)
- HST 3230 - American Labor History (4)
- PS 3135 - State Politics (4)
- PS 3305 - Public Administration (4)
- PS 3310 - American Public Policy (4)
- SOC 3220 - Social Welfare Policies (4)
- SOC 3610 - Racial and Ethnic Relations (4)

3. Internship

Although an urban internship or field experience is not required as part of the concentration, it is strongly suggested that students complete such a course in their major department or another program in the university.

Course Descriptions

PS 1100 - Introduction to American Politics (4)
The decision-making process in the American national government and the ways in which parties, groups, and individuals work to produce public policy in Congress, the presidency and the courts. *Satisfies the university general education requirement in the social science knowledge exploration area. Satisfies the university general education requirement in U.S. diversity. (Formerly PS 100)*

PS 1400 - Comparative Politics (4)
Introduction to major modern political systems and concepts. Comparative analysis of the organization and operation of politics and government in different countries. *Satisfies the university general education requirement in the social science knowledge exploration or in the global perspective knowledge area, not both. Satisfies the university general education requirement for a writing intensive course in general education. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly PS 131)*

PS 1600 - Issues in World Politics (4)
Introduction to the study of world politics and the main issues confronting the international community in the 21st century. Emphasis on the impact of cultural, economic, and political globalization on international politics and individual lives. *Satisfies the university general education requirement in the social sciences knowledge exploration area or in the global perspective knowledge exploration area, not both. (Formerly PS 114)*

PS 2500 - The Research Process in Political Science (4)
Fundamentals of research in political science including various approaches to studying political phenomena. (Formerly PS 250)
Prerequisite(s): (PS 100 or PS 1100), (PS 114 or PS 1600) or (PS 131 or PS 1400).

PS 2550 - Data Analysis in Political Science (4)
Basic applications of statistics in political science including why and how certain methods are used to explore political phenomena. (Formerly PS 255)
Prerequisite(s): (PS 250 or PS 2500).

PS 2800 - Public Affairs Careers Orientation (2)
Planning for public service careers; the varieties of public service careers and the alternative of pursuing advanced degrees are explored. Examples and practical problems from agency work are examined through case studies and presentations by practitioners and professional administrators. (Formerly PS 257)

PS 3005 - Western Political Thought I (4)
Analyzes the writings of Western political theorists from 600 B.C. to 1500 A.D.; systematically examines the political, legal, economic, social, cultural and religious elements that influenced the ideas and policies postulated; and scrutinizes the assumptions behind deeply rooted modes of thought that continue to affect people's lives. *Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly PS 372)*

PS 3010 - Western Political Thought II (4)
Analyzes the writings of Western political theorists from 1500 A.D. to the present; systematically examines the political, legal, economic, social, cultural and religious elements that influenced the ideas and policies postulated; and criticism. *Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly PS 373)*

PS 3020 - American Political Thought (4)
Survey of the writings of American thinkers who influenced the development of the American polity. Examines the political, legal and cultural origins of this country. *Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly PS 371)*

PS 3040 - International Politics: Theory and Practice (4)
Examination of the central theoretical and conceptual approaches to the study of international politics, and a focused exploration of how those contending approaches account for specific international phenomena such as war and peace, economic interaction, and the emergence of international organizations and global governance. *Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly PS 314)*
Prerequisite(s): (PS 114 or PS 1600).

PS 3050 - Communism (4)
The development of revolutionary socialism from early Marxism to the present. The course analyzes the relevance of Marxism to a variety of contemporary revolutionary situations. *Satisfies the university general education requirement in the western civilization knowledge exploration area. Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly PS 377)*

PS 3070 - Politics Through Literature (4)
Use of literary works (novels, short stories, plays, essays) to examine a range of social and political systems in specific settings. Analysis of how political and cultural backgrounds of various authors have been conveyed in their writings. *Satisfies the university general education requirement for a writing intensive course in the major. (Formerly PS 374) Prerequisite for writing intensive: completion of the university writing foundation requirement.*

PS 3080 - Systematic Political Analysis (4)
Study of selected formal (i.e., logical and mathematical) models in political science. An introduction to the methodology of social science research. *Satisfies the university general education requirement in the formal reasoning knowledge foundation area. (Formerly PS 321)*

PS 3105 - Congress and the Legislative Process (4)
Examination of the United States Congress with particular attention to the creation of the institution, running for Congress, behavior of members of Congress, and the pressures faced by our elected representatives. (Formerly PS 302)

PS 3110 - American Presidency (4)
A study of presidential politics, decision making and leadership in the American political system. (Formerly PS 301)

PS 3115 - The Judicial Process (4)
Study of judicial behavior and decision making in federal courts with an emphasis on the role of courts in developing public policies. (Formerly PS 342)

PS 3130 - Local Government and Politics (4)
Study of local governments; political, economic and demographic forces; trends in metropolitan and suburban politics; and problems of planning in an age of urbanization and suburbanization. (Formerly PS 305)

PS 3135 - State Politics (4)
Comparative analysis of the variations and similarities of the political systems of the 50 states, the policy-making structures, political participation and contemporary public policy issues. (Formerly PS 307)

PS 3140 - Michigan Government Politics and Policy (4)
Michigan's state governmental institutions, its constitution and intergovernmental relations (both federal and local levels), political actors and processes, and selected public policies. (Formerly PS 316)

PS 3155 - Political Parties and Interest Groups (4)
Study of political parties and interest groups in democracies, focusing on the U.S. experience. Examination of parties and groups as political linkages, and their role in aggregating interests. Not open to students who have received credit for (PS 470 or PS 4970), Political Parties Interest Groups. (Formerly PS 322)

PS 3160 - Media and Politics (4)
The role of the media in influencing political attitudes and agendas, media coverage of issues and campaigns, media and the law, the nature of the media industry, and governmental regulation of broadcast media. (Formerly PS 327)

PS 3165 - Elections and Voting Behavior (4)
Study of electoral systems and the voting behavior of individuals and groups, with special attention to U.S political experience. Not open to students who have received credit for (PS 324 or PS 3165), Political Parties and Elections. (Formerly PS 324)

PS 3170 - Political Campaigns (4)
A study of political campaigns, with classroom exercises and the opportunity for fieldwork on current political campaigns. The role and influence of the media on campaigns. (Formerly PS 326)

PS 3205 - American Political Culture (4)
A study of the main themes in American culture and the ways in which they affect the political beliefs, attitudes, opinions and behaviors of Americans. Key themes include individualism, the drive for success, racial attitudes, the American sense of a special mission in the world and American beliefs about democracy. (Formerly PS 300)

PS 3210 - Women and Politics (4)
Examines the role of women in politics including political participation and representation. Additional topics will include women and public issues (such as affirmative action and comparable worth), as well as an introduction to feminist political thought. Identical with (WGS 311 or WGS 3870). (Formerly PS 311)

PS 3215 - The Politics of Race and Ethnicity (4)
A study of racial and ethnic groups and their role in the political process in the U.S. Emphasis will be placed on the political experience and the struggle for equal rights by major minority groups such as Blacks, Hispanics and Native Americans. *Satisfies the general education requirement in the social science knowledge exploration area. Satisfies the university general education requirement in U.S. diversity. Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. Prerequisite for writing intensive: completion of university writing foundation requirement. (Formerly PS 312)*

PS 3220 - Religion and Politics (4)
Study of the intersection of religion and American politics, with emphasis on religion's role in the nation's founding, political participation, the institutions of national government, and current public policy debates. (Formerly PS 356)

PS 3225 - Political Leadership (4)
Study of the theory and practice of political leadership, including its origins, ancient and modern conceptions, the causes of successful and failed leadership, the role of followers, and the possibility of politics without leadership. Detailed case studies of prominent leaders in American politics will be examined. (Formerly PS 310)

PS 3230 - Public Opinion (4)
Study of the opinions, attitudes, and political activities of people belonging to different demographic segments of the population. Not open to students who have received credit for (PS 325 or PS 3230), Demography of American Politics. (Formerly PS 325)

PS 3235 - Politics and the Internet (4)
Analyzes the role and impact of the Internet in the political world including e-government, political ideas, the political blogosphere, the "digital divide," and net neutrality. (Formerly PS 319)

PS 3240 - Politics Through Film (4)
Analyzes political ideas, concepts, theories, public policy, political behavior and visions of politics and society as presented in film. (Formerly PS 309)

PS 3250 - Law and Politics (4)
Broad survey of law and legal systems in the U.S. that presents law as a dynamic, multifaceted discipline. Emphasis is placed on the open-ended quality of law and legal knowledge, despite the definitive nature of legal authority. A problem-solving approach is adopted to provoke critical discussion. (Formerly PS 347)

PS 3255 - U.S. Constitutional Law (4)
Broad survey of U.S. constitutional law as interpreted by the U.S. Supreme Court, with focus on analyzing original court opinions regarding the powers of the federal government and the interaction between federal and state governments; examines political factors that have shaped our understanding of the Constitution. (Formerly PS 340)

PS 3260 - Civil Rights and Civil Liberties (4)
Broad survey of legal rights and liberties of individuals in the U.S., as interpreted by the U.S. Supreme Court, with focus on analyzing original court opinions regarding constitutional and political conflicts arising between individuals and the government; political factors that have influenced major judicial decisions are examined. (Formerly PS 341)

PS 3265 - Gender Discrimination and the Supreme Court (4)
Examines Supreme Court cases throughout history involving gender discrimination. Students will read and discuss case excerpts on issues such as protective legislation, sex discrimination, pregnancy and childbirth, sexual harassment and reproductive rights. Students will also examine the lives and legacies of women justices. Identical with (WGS 343 or WGS 3817). (Formerly PS 343)

PS 3305 - Public Administration (4)
Study of government in action, with special attention to policy formulation, organization, personnel administration, supervision, coordination, administrative control and accountability. *Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly PS 350)*
Prerequisite(s): (PS 100 or PS 1100).

PS 3310 - American Public Policy (4)
Examines the factors and actors involved in the development and implementation of public policy. Topics may include environment, education, economic development, defense, health care, welfare policy and ethical analysis of policy. (Formerly PS 353). Satisfies the university general education requirement for a writing intensive course in general education.
Prerequisite(s): completion of the university writing foundation requirement.

PS 3315 - Public Administration Financial Analysis (4)
Study of accounting and reporting concepts, standards and procedures applicable to city, county, state, and federal governments and non-profit institutions. (Formerly PS 351)

PS 3320 - Public Budgeting (4)
Politics and process of budgeting in public organizations, especially as they relate to the control of policy. Specific techniques are discussed for developing, approving, administering and auditing budgets. (Formerly PS 453)

PS 3325 - Public Sector Human Resource Management (4)
Study of the procedures, techniques and problems of personnel administration in public agencies; evolution of the modern civil service system, merit principle, and responses to collective bargaining and equal opportunity programs. (Formerly PS 454)

PS 3340 - Public Policy and Health Care (4)
Examination of the status and evolution of public policies relating to health and health care, the policy-making processes in health care and the various implications of trends in health care policy. (Formerly PS 359)

PS 3345 - Comparative Public Administration (4)
Comprehensive exploration of the political and policy-making roles of public bureaucracies around the world stressing the effects of politics and organized interests on bureaucracy. (Formerly PS 455)

PS 3405 - Politics of Latin America (4)
Analysis of Latin American political systems and the historical, social and economic factors underlying them. The major countries are studied intensively, and a comparative approach is used to examine the variations from democracy to dictatorship and the political instability that characterizes the area. (Formerly PS 335)

PS 3410 - African Politics (4)
Examination of politics of selected African states. Primary focus is on the evolution of political institutions since independence. The impact of indigenous traditions and the colonial heritage on that evolution is assessed. Individual, groups and institutions involved in the political process are studied. (Formerly PS 333)

PS 3415 - Politics of the Middle East and North Africa (4)
The cultural and historical factors that influence contemporary politics of the area will be emphasized. Topics include religion, social structures, economic problems, the impact of the West and the Arab-Israeli conflict. (Formerly PS 332)

PS 3420 - European Political Systems (4)
An analysis of politics within and between nations in Europe. Selected institutions and processes are examined in detail. A comparative point of view is emphasized. (Formerly PS 329)

PS 3425 - The Russian Political System (4)
A descriptive analysis of the Russian society as a political system: its origins, institutions and political behavior. Trends and developments in the system will be assessed, and comparisons with other political systems will be undertaken. *Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly PS 337)*

PS 3430 - Political Systems of Asia (4)
Elements of political life in China, Japan, India, and other Asian countries. Cultural, historical, social, and economic factors that influence and are influenced by contemporary political institutions Processes by which political conflicts are resolved. (Formerly PS 334)

PS 3435 - Chinese Politics and Foreign Policy (4)
Examination of the political system and policies of contemporary China, covering the rise of communism in China, reforms to the communist system, political institutions, political culture, and foreign policy. (Formerly PS 328)

PS 3550 - Politics of Development (4)
Examination of the issues that relate to social, political and economic development in countries undergoing dramatic social change. (Formerly 330)

PS 3555 - Global Democratization (4)
Examination of movement toward democratic forms of government in various parts of the world and of those factors that promote or inhibit democracy. (Formerly PS 363)

PS 3560 - Revolution, Intervention, and Democratization (4)
Examination of revolution and counterrevolution as products of U.S. efforts to fashion and preserve a liberal international order involving systematic interference in the affairs of sovereign countries. Focus is on the motivations, methods, and consequences of official and sponsored intervention on a global scale. "Democracy promotion" is afforded special consideration. (Formerly PS 339)

PS 3565 - Dictatorships (4)
Contemporary dictatorships, why they emerge, how they function, and the various strategies that may lead to their collapse. (Formerly PS 336)

PS 3605 - Model United Nations (2 OR 4)
Examination of the United Nations (UN) system and issues currently confronting UN bodies. Includes participation in regional or national Model UN conference. May be repeated once for PS or IR credit and up to two additional times for elective credit toward the degree. (Formerly PS 362)
Prerequisite(s): permission of department.

PS 3610 - United States Foreign Policy (4)
Examination of American foreign policy process, focusing on the impact of domestic societal, political and bureaucratic determinants of foreign policy and the constraints imposed by the international system. Main instruments of foreign policy, for instance, diplomacy, military power, economic statecraft, overt action, are considered and evaluated. (Formerly PS 315)

PS 3615 - Comparative Foreign Policy (4)
An examination of the major theoretical debates in the field of foreign policy analysis, with a focus on the relative impact of domestic and international factors on the decision-making process and the behavior of states. Theoretical matters will be explored in the comparative analysis of the foreign policy of global and regional powers in the international system. (Formerly PS 313)

PS 3630 - International Organizations (4)
Examination of major international organizations such as the United Nations, the World Trade Organization, the European Union, and regional organizations. Explanation of how these organizations fit into international relations theory and how they affect world politics today. (Formerly PS 361)

PS 3640 - International Political Economy (4)
Examination of the relationship between political and economic structure, organization, and events, including issues such as the politics of trade and investment, regional integration, behavior of multinational corporations, and economic development. (Formerly PS 338)

PS 3650 - Globalization and International Economic Institutions (4)
Broad survey of contemporary political debates on globalization, including trade and jobs, investment and labor rights, poverty, inequality and economic development, and pro- and anti-globalization movement. Special attention will be given to how governments and international organizations, such as the International Monetary Fund, the World Bank, the World Trade organization and their regional counterparts, operate. (Formerly PS 367)

PS 3710 - International Politics of Human Rights (4)
Development of international human rights norms, the central debates and controversies: their application and enforcement in international politics. Focus on the evolution of the definition of human rights and its affect on the emerging international human rights regime. (Formerly PS 317)

PS 3715 - Gender and Int'l Relations (4)
Examination of major gender critiques of mainstream IR theory and the ways in which gender analysis expands both theory and practical political analysis at the international and global levels. (Formerly PS 364)

PS 3720 - The Politics of Migration (4)
The political consequences of migration. Similarities and differences of migration dynamics around the world are explored, as are different theoretical understandings of the causes of migration, the sources of inter-group conflict and how policies can help ameliorate or exacerbate such conflict. Special attention will be paid to the relationship between migration and democracy through scholarly articles drawn from political science research.

PS 3730 - Global Environmental Governance (4)
Overview of inter-related environmental and resource issues at the regional and global levels. Current institutions, laws and policies for addressing issues including global warming, climate change, biodiversity/species decline, trade/environment linkages, water resources, depletion of global fisheries and rainforests. Identical with (ENV 354 or ENV 3540). *Satisfies the university general education requirement in the knowledge applications integration area. Prerequisite for knowledge applications integration: completion of the university general education requirement in the social science knowledge exploration area. Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly PS 354)*

PS 3750 - International Conflict and Security (4)
Examination of the conditions that make for war and peace in world politics, and of the range of possible approaches that might help to manage or prevent conflict in the future. Factors contributing to conflict within and between states are considered. (Formerly PS 365)

PS 3755 - International Negotiation and Bargaining (4)
Negotiation theories and practice, focusing on understanding differing approaches to negotiation and explaining bargaining outcomes. Emphasis on hands-on learning through simulation, role-playing exercises, and case analysis. (Formerly PS 366)

PS 3780 - International Terrorism: Causes, Consequences, Responses (4)
Exploration of terrorist motivation and ideology, methods, and the effectiveness of international and state-level responses to terrorist challengers. (Formerly PS 360)

PS 3810 - Conducting Political Surveys (4)
Overview of the history and approaches to survey research. Students will gain experience in planning and implementing survey projects and interpreting responses. (Formerly PS 320)

PS 3850 - Geographic Information System Analysis for Sustainability (4)
Examines environmental sustainability through GIS (Geographic Information System) mapping and analysis. Sustainability topics are covered through computer lab exercises and policy case studies. Prepares students to conduct GIS analysis and evaluate the sustainability implications of public policies. Identical with (ENV 352 or ENV 4520). (Formerly PS 352)

PS 3930 - Special Topics in American Politics (2 OR 4)
From time to time, the department offers courses on special topics in response to current issues in various subfields of the discipline. (Formerly PS 306)

PS 3940 - Special Topics in Comparative Politics and International Relations (1 TO 4)
From time to time the department offers courses on special topics in response to current issues in various subfields of the discipline. May be repeated under different subtitle. (Formerly PS 308)

PS 3996 - Independent Study (2 OR 4)
Readings not normally covered in existing course offerings. Directed on an individual basis. (Formerly PS 390)
Prerequisite(s): permission of department and instructor.

PS 4030 - Government and the Economy (4)
Role of government in the economy, including an examination of federal, local, and international fiscal and monetary policies. (Formerly PS 406)

PS 4950 - Public Administration Internship (4)
Supervised student internship with governmental, political, criminal justice or other public agency. Reports and analyses of work performed at agency required. (Formerly PS 458) *Satisfies the university general education requirement for the capstone experience.*
Prerequisite(s): (PS 257 or PS 2800) and (PS 350 or PS 3305), junior standing and permission of instructor.

PS 4955 - Political Science/International Relations Internship (4)
Supervised student internship with governmental, political, criminal justice, or other public agency. Reports and analyses of work performed at agency required. *Satisfies the university general education requirement for the capstone experience. (Formerly PS 459)*
Prerequisite(s): permission of internship director.

PS 4970 - Seminar in American Politics (4)
Advanced seminar in a special topic related to American politics. *Satisfies the university general education requirement for the capstone experience. (Formerly PS 470)*
Prerequisite(s): (PS 100 or PS 1100) and (PS 255 or PS 2550 or PS 303) and permission of major adviser.

PS 4975 - Seminar in the Comparative Study of Political Systems (4)
Advanced seminar in a special topic related to comparative politics. *Satisfies the university general education requirement for the capstone experience. (Formerly PS 476)*
Prerequisite(s): (PS 131 or PS 1400) and (PS 255 or PS 2550 or PS 303) and permission of major adviser.

PS 4980 - Seminar in International Relations (4)
Advanced seminar in a special topic related to international relations. *Satisfies the university general education requirement for the capstone experience. (Formerly PS 472)*
Prerequisite(s): (PS 114 or PS 1600), (PS 255 or PS 2550 or PS 303) and (PS 314 or PS 3040) and permission of major adviser.

PS 4995 - Special Topics or Directed Research (2 TO 8)
(Formerly PS 490)
Prerequisite(s): permission of the instructor.

PS 4997 - College Teaching Apprenticeship (4)
Affords the opportunity for qualified students to deepen their understanding of selected topics in political science and ways of teaching politics by assisting an instructor in teaching a 1000 level political science course and writing a critique of this experience. May be taken only once for credit. (Formerly PS 497)
Prerequisite(s): permission of instructor and department chair.

Department of Psychology

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(248) 370-2300
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Department Website

Chairperson: *Todd K. Shackelford*

Professors emeriti: *Jean S. Braun, Daniel N. Braunstein, Harvey Burdick, Christine Hansen, Algea Harrison, Theodore Landau, Ralph Schillace, David W. Shantz*

Distinguished professor: *Todd K. Shackelford*

Professors: *Kevin Corcoran, George W. Hynd, Dean G. Purcell, Robert B. Stewart, Jr.*

Associate professors: *Martha Escobar, Andrea T. Kozak, Mary B. Lewis, Debra McGinnis, Michele Parkhill Purdie, Scott Pickett, Lakshmi Raman, Cynthia Sifonis, Kanako Taku, Jennifer Vonk, Keith L. Williams, Virgil Zeigler-Hill*

Assistant professors: *Melissa McDonald, Matthew McLarnon, Lisa Welling*

Chief adviser: *Mary B. Lewis*

The Department of Psychology offers undergraduate programs leading to the Bachelor of Arts degree. The psychology curriculum is structured to meet the needs of four types of students interested in majoring in psychology: students who plan to find employment after obtaining the bachelor's degree, students who plan to go to graduate school in psychology, students who plan to enter a field other than psychology that requires further formal training and students who have a general interest in psychology. A pamphlet, ''Majoring in Psychology at Oakland University,'' is available in the department office. Students planning to major in psychology should obtain a copy of this pamphlet, which offers suggested programs of study.

Coursework more than 10 years old is not automatically accepted for credit toward the major. The department reserves the right to review such courses before accepting them for credit toward the major. An examination may be required to demonstrate proficiency in the areas covered by such courses.

Departmental Honors

Departmental honors in psychology are based on the following criteria:

- Overall grade point average of 3.2 or above and 3.5 or above in psychology courses

- Completion of PSY 2500 and PSY 2510 with a grade of 3.2 or above in each class
- Completion of PSY 4998 and PSY 4999, Honors Thesis

The Application for Departmental Honors in Psychology form must be filed to be considered for honors.

Further information is available on the departmental website or from the department chair, chief adviser, or director of Undergraduate Studies.

Programs

- Psychology - Wayne Law Agreement
- Psychology Bachelor of Arts to Psychology Master of Science Program (B.A. to M.S.)
- Psychology Minor
- Psychology, B.A.

Psychology - Wayne Law Agreement

The Department of Psychology participates in the Oakland University - Wayne State University Law School 3+3 Program, which allows students the opportunity to earn an undergraduate degree (B.A. or B.S.) and a law degree (J.D.) in a minimum of 6 years.

Up to 30 credits from Wayne State University's Law School will be counted toward the undergraduate degree for one of these majors. Students must complete the coursework as specified by the major, along with the university's General Education Requirements , and then can apply to the Wayne Law program. Once admitted and on the successful completion of the first year of law school, students can apply the 30 credits from Wayne Law as elective credits toward the 124 required for the undergraduate degree. The 12-credit College of Arts and Sciences exploratory requirement **is waived** for those who participate.

Students interested in this opportunity should contact their academic adviser in the First Year Advising Center, the College of Arts and Sciences Advising Office, or the Department of Psychology faculty adviser.

Psychology Bachelor of Arts to Psychology Master of Science Program (B.A. to M.S.)

The Accelerated Psychology Bachelor of Arts to Psychology Master of Science Program (B.A. to M.S.) option is designed for high achieving undergraduate students pursuing a Bachelor of Arts in Psychology at Oakland University and wishing to complete a Master of Science in Psychology directly following. The accelerated B.A. to M.S. program allows students to take two graduate level courses, **PSY 5001** and **PSY 5101**, while still an undergraduate and pay undergraduate tuition rates. **PSY 5001** and **PSY 5101** will substitute for the two open elective courses (requirement #4) within the Psychology, B.A.

To be eligible for the Psychology, B.A. to M.S. option, students must:

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1. Have earned a minimum cumulative grade point average of 3.0 or higher in PSY 1000 Introduction to Psychology, PSY 2500 Research Design in Psychology, and PSY 2510 Statistics in Psychology.
2. Have an overall GPA of 3.2.
3. Apply for and receive delayed admission into the M.S. program and thereby the substitution of graduate classes **PSY 5000** and **PSY 5101** for the two undergraduate open elective courses in the B.A. Note: Students must receive formal delayed admission into the program to be eligible to register for **PSY 5000** and **PSY 5101**.
4. Maintain a minimum 3.0 cumulative grade point average to completion of the B.A. degree in Psychology.

Students admitted to this accelerated program can graduate with an M.S. degree in five years.

To apply:

To apply to the Psychology B.A. to M.S. program, contact Professor Virgil Zeigler-Hill, director of Graduate Training.

Psychology Minor

Requirements for the liberal arts minor in psychology

To earn a minor in psychology, students must complete a minimum of 24 credits in psychology with a minimum GPA of 2.00 over all psychology courses and must satisfy the following requirements:

1. Required courses (must be completed with a minimum grade of 2.0)

- PSY 1000 - Introduction to Psychology (4)
- PSY 2500 - Research Design in Psychology (4)

2. One course from two of the following groups (8 credits)

- PSY 2150 - Introduction to Biological and Cognitive Psychology (4)
- PSY 2250 - Introduction to Life-Span Developmental Psychology (4)
- PSY 2350 - Introduction to Social Psychology (4)
- PSY 2360 - Introduction to Individual Differences and Personality Psychology (4)
- PSY 2400 - Introduction to Positive Psychology (4)
- PSY 2410 - Introduction to Clinical Psychology (4)

Cognition, Perception, and Biological Psychology

- PSY 2150 - Introduction to Biological and Cognitive Psychology (4)

Developmental

- PSY 2250 - Introduction to Life-Span Developmental Psychology (4)

Social Personality

- PSY 2350 - Introduction to Social Psychology (4)
- PSY 2360 - Introduction to Individual Differences and Personality Psychology (4)

Behavioral Health

- PSY 2400 - Introduction to Positive Psychology (4)
- PSY 2410 - Introduction to Clinical Psychology (4)

3. One course from two of the following five groups

Evolutionary and Comparative

- PSY 3010 - The Psychology of Human Sexuality (4)
- PSY 3020 - Evolution, Science, and Superstition (4)
- PSY 3030 - Evolutionary Psychology (4)
- PSY 3040 - Animal Behavior (4)

Cognition, Perception, and Biological Psychology

- PSY 3100 - Creativity and Innovation (4)
- PSY 3110 - Sensation and Perception (4)
- PSY 3120 - Psycholinguistics (4)
- PSY 3160 - Cognitive Psychology (4)
- PSY 3180 - Biological Psychology (4)
- PSY 4971 - Seminar in Cognition, Perception, and Biological Psychology (4)
- PSY 4977 - Seminar: Psychopharmacology (4)

Developmental

- PSY 3210 - Child Development (4)
- PSY 3220 - Adolescence and Youth (4)
- PSY 3230 - Adulthood and Aging (4)
- PSY 4978 - Seminar: Cognitive Development in Children (4)
- PSY 4979 - Seminar: Resilient Aging (4)
- PSY 4980 - Seminar: Moral Development (4)
- PSY 4972 - Seminar in Developmental Psychology (4)

Social Personality

- PSY 3330 - Motivation (4)
- PSY 3340 - Industrial and Organizational Psychology (4)
- PSY 3370 - Group Dynamics (4)
- PSY 3390 - Emotion (4)
- PSY 4973 - Seminar in Social Psychology (4)

Behavioral Health

- PSY 3410 - Adult Psychopathology (4)
- PSY 3430 - Child Psychopathology (4)
- PSY 3440 - Behavior Analysis (4)
- PSY 3450 - Health Psychology (4)
- PSY 3460 - Psychology of Gender (4)
- PSY 4930 - Field Experience in Psychology (4)

Note

Students using this catalog to meet psychology minor requirements may also use any course subsequently approved as satisfying requirements in each of the five groups under requirement #3 and published in a later catalog.

Psychology, B.A.

Requirements for the liberal arts major in psychology, B.A. program

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To earn the Bachelor of Arts with a major in psychology, students must complete a minimum of 48 credits in psychology with a minimum GPA of 2.00 over all psychology courses and must satisfy the following requirements:

1. Required courses (12 credits)

- PSY 1000 - Introduction to Psychology **(4)**
- PSY 2500 - Research Design in Psychology **(4)**
- PSY 2510 - Statistics in Psychology **(4)**
- *Each course must be completed with a minimum grade of 2.0.*

2. One course from two of the following groups (8 credits)

Cognition, Perception, and Biological Psychology

- PSY 2150 - Introduction to Biological and Cognitive Psychology **(4)**

Developmental

- PSY 2250 - Introduction to Life-Span Developmental Psychology **(4)**

Social Personality

- PSY 2350 - Introduction to Social Psychology **(4)**
- PSY 2360 - Introduction to Individual Differences and Personality Psychology **(4)**

Behavioral Health

- PSY 2400 - Introduction to Positive Psychology **(4)**
- PSY 2410 - Introduction to Clinical Psychology **(4)**

3. One course from four of the five following groups (16 credits)

Evolutionary and Comparative

- PSY 3010 - The Psychology of Human Sexuality **(4)**
- PSY 3020 - Evolution, Science, and Superstition **(4)**

- PSY 3030 - Evolutionary Psychology **(4)**
- PSY 3040 - Animal Behavior **(4)**

Cognition, Perception, and Biological Psychology

- PSY 3100 - Creativity and Innovation **(4)**
- PSY 3110 - Sensation and Perception **(4)**
- PSY 3120 - Psycholinguistics **(4)**
- PSY 3160 - Cognitive Psychology **(4)**
- PSY 3180 - Biological Psychology **(4)**
- PSY 4971 - Seminar in Cognition, Perception, and Biological Psychology **(4)** *
- PSY 4977 - Seminar: Psychopharmacology **(4)** *

Developmental

- PSY 3210 - Child Development **(4)**
- PSY 3220 - Adolescence and Youth **(4)**
- PSY 3230 - Adulthood and Aging **(4)**
- PSY 4978 - Seminar: Cognitive Development in Children **(4)** *
- PSY 4979 - Seminar: Resilient Aging **(4)** *
- PSY 4980 - Seminar: Moral Development **(4)** *
- PSY 4972 - Seminar in Developmental Psychology **(4)** *

Social Personality

- PSY 3300 - Social Cognition **(4)**
- PSY 3330 - Motivation **(4)**
- PSY 3340 - Industrial and Organizational Psychology **(4)**
- PSY 3370 - Group Dynamics **(4)**
- PSY 3390 - Emotion **(4)**
- PSY 4973 - Seminar in Social Psychology **(4)** *

- PSY 4974 - Seminar in Individual Differences and Personality Psychology **(4)** *

Behavioral Health

- PSY 3410 - Adult Psychopathology **(4)**
- PSY 3430 - Child Psychopathology **(4)**
- PSY 3440 - Behavior Analysis **(4)**
- PSY 3450 - Health Psychology **(4)**
- PSY 3460 - Psychology of Gender **(4)**
- PSY 4930 - Field Experience in Psychology **(4)** *

Note

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*Indicates capstone course in each of the above groups.

4. Two electives (8 credits)

Note: Electives must be in addition to courses used to satisfy four of the five groups above. One of the two electives must be at the 3000 level or higher. The remaining credits can be satisfied with a psychology course at any level.

5. One capstone course at 4000-level (4 credits)

Note: May not count as an elective above.

6. At least 20 credits in psychology must be taken at Oakland University.

Requirements for a modified major in psychology with a concentration in linguistics, B.A. program

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Students with this modified major in psychology must complete a minimum of 24 credits in psychology and 20 credits in linguistics including:

1. Required courses

- PSY 1000 - Introduction to Psychology **(4)**

- PSY 2500 - Research Design in Psychology **(4)**
- PSY 2510 - Statistics in Psychology **(4)**

2. At least two 3000-level PSY courses

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3. Sixteen credits in LIN courses, including

- LIN 2201 - Introduction to Linguistics **(4)**
- LIN 4303 - Introduction to Phonology **(4)**
- LIN 4304 - Introduction to Syntax **(4)**
- LIN 4403 - Phonological Theory **(4)** or

LIN 4404 - Syntactic Theory

(4)

4. Required course

- ALS 4335 - Psycholinguistics **(4)**

Note:

In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts & Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

Course Descriptions

PSY 1000 - Introduction to Psychology (4)
An introduction both to basic principles and recent formulations in psychology. Topics include the central psychological processes of attending, perceiving, learning, thinking, remembering and study of social behavior, and the development and organization of personality. Required of psychology majors. *Satisfies the university general education requirement in the social science knowledge exploration area. (Formerly PSY 100)*

PSY 2150 - Introduction to Biological and Cognitive Psychology (4)
Survey of the processes of learning, memory and thinking, including physiological factors underlying these processes. (Formerly PSY 215)
Prerequisite(s): (PSY 100 or PSY 1000) with a grade of 2.0 or higher.

PSY 2250 - Introduction to Life-Span Developmental Psychology (4)
Survey of the principal cognitive, social and behavioral processes that operate across the life-span. *Satisfies the university general education requirement for knowledge applications integration. Prerequisite for knowledge applications integration: completion of the university general education requirement in the social science knowledge exploration area. (Formerly PSY 225)*
Prerequisite(s): (PSY 100 or PSY 1000) with a grade of 2.0 or higher.

PSY 2350 - Introduction to Social Psychology (4)
Overview of traditional and current trends in social psychology. Attention is given to developing theoretical approaches to attitudes, interpersonal processes and social perception. (Formerly PSY 235)
Prerequisite(s): (PSY 100 or PSY 1000) with a grade of 2.0 or higher.

PSY 2360 - Introduction to Individual Differences and Personality Psychology (4)
Survey of basic research in individual differences and personality, including a discussion of major personality theories, personality variables (i.e., aggression, altruism) and the measurement of personality variables. (Formerly PSY 236)
Prerequisite(s): (PSY 100 or PSY 1000) with a grade of 2.0 or higher.

PSY 2400 - Introduction to Positive Psychology (4)
Scientific study of the strengths and virtues that allow individuals and communities to thrive. Review of empirical and theoretical work as it relates to positive emotions such as contentment, happiness, hope; individual traits such as optimism, self-efficacy, compassion, resilience, integrity, hope, wisdom; and institutional strengths that foster justice, parenting, leadership, purpose and tolerance. (Formerly PSY 240)
Prerequisite(s): (PSY 100 or PSY 1000) with a grade of 2.0 or higher.

PSY 2410 - Introduction to Clinical Psychology (4)
Introduction to the broad field of clinical psychology. The various roles of a clinical psychologist and sub-fields of study in clinical psychology will be covered. Detailed attention will be given to the history and current directions of the field and the activities of a clinical psychologist, including assessment, prevention, intervention, research and consultation. (Formerly PSY 241)
Prerequisite(s): (PSY 100 or PSY 1000) with a grade of 2.0 or higher.

PSY 2500 - Research Design in Psychology (4)
General introduction to design, function and interpretation of research in the social sciences. Provides necessary preparation to evaluate the empirically based content of psychology. Required of psychology majors. (Formerly PSY 250)
Prerequisite(s): (PSY 100 or PSY 1000) with a grade of 2.0 or higher.

PSY 2510 - Statistics in Psychology (4)
Introduces principal statistical procedures needed to analyze and interpret data in behavioral science research. Includes descriptive and inferential statistics. (Formerly PSY 251)
Prerequisite(s): (PSY 250 or PSY 2500) with a grade of 2.0 or higher and proficiency in intermediate algebra as demonstrated through a grade of 2.0 or higher in (MTH 062 or MTH 0662) or placement in a higher mathematics course.

PSY 2900 - Topics in Psychology (1 TO 4)
Offered occasionally on special topics of current interest that are not listed among regular offerings. (Formerly PSY 200)
Prerequisite(s): see individual listings in the Schedule of Classes.

PSY 3010 - The Psychology of Human Sexuality (4)
Current knowledge surrounding the psychology of human sexual behavior, orientations, and experience. General topics include anatomy, reproduction, sexual behavior, theories of sexual orientation, paraphilia, and sexual health. Students will achieve a current understanding of human sexuality from a psychological perspective. (Formerly PSY 301)
Prerequisite(s): (PSY 250 or PSY 2500) with a grade of 2.0 or higher.

PSY 3020 - Evolution, Science, and Superstition (4)
Overview of the methods and products of science as contrasted with superstition and supernaturalism, with a focus on the evolved psychology that motivates scientific and supernatural thinking. Focus on differentiating critical thinking and scientific evidence-based beliefs and practices from beliefs and practices that are not evidence-based and do not depend on critical thinking, such as tarot card readings, palm readings, astrology and supernaturalism. (Formerly PSY 302)
Prerequisite(s): (PSY 250 or PSY 2500) with a grade of 2.0 or higher.

PSY 3030 - Evolutionary Psychology (4)
Reviews empirical and theoretical work in the broad field of evolutionary psychology which addresses human and non-human nature, individual differences and group differences, including sex differences and cultural differences from an evolutionary perspective. (Formerly PSY 303)
Prerequisite(s): (PSY 250 or PSY 2500) with a grade of 2.0 or higher.

PSY 3040 - Animal Behavior (4)
Comparative psychological, ethological and sociobiological viewpoints behavior of animals. Emphasis on vertebrate species including humans. Discussion of reproductive, aggressive and social behaviors, learning, communication, etc. Stresses an evolutionary perspective. *Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly PSY 304)*
Prerequisite(s): (PSY 250 or PSY 2500) with a grade of 2.0 or higher.

PSY 3100 - Creativity and Innovation (4)
Interdisciplinary approach to understanding cultural, societal, individual, cognitive, and biological determinants of creativity and their application to innovation. (Formerly PSY 310)
Prerequisite(s): (PSY 100 or PSY 1000) with a grade of 2.0 or higher.

PSY 3110 - Sensation and Perception (4)
Psychophysical, physiological and cognitive approaches to the basic sensory systems and perceptual processes. (Formerly PSY 311)
Prerequisite(s): (PSY 250 or PSY 2500) with a grade of 2.0 or higher.

PSY 3120 - Psycholinguistics (4)
The psychology of language, the accommodation between the cognitive and physical structure of humans and the structure of language, the nature of the language learning process, and the consequences of language use. Identical with (ALS 335 or ALS 4335). *Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly PSY 312)*

PSY 3160 - Cognitive Psychology (4)
The information processing approach to problems in pattern recognition, selective attention, mental operations, short- and long-term memory, the psychology of reading, problem solving and probabilistic reasoning. *Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly PSY 316)*
Prerequisite(s): (PSY 250 or PSY 2500) with a grade of 2.0 or higher.

PSY 3180 - Biological Psychology (4)
Biological bases of behavior of humans and related mammalian species: basic neuroanatomy and neurophysiology, motivation, emotion, learning and memory, sleep and dreams, sensory-motor mechanisms, brain stimulation, psychopharmacology, hormones and behavior. *Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly PSY 318)*
Prerequisite(s): (PSY 250 or PSY 2500) with a grade of 2.0 or higher.

PSY 3210 - Child Development (4)
Theory and principles of child development from birth to puberty. Selected topics include: maturational processes, learning and motivation, intelligence, self concept and child-rearing practices. *Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly PSY 321)*
Prerequisite(s): (PSY 250 or PSY 2500) with a grade of 2.0 or higher.

PSY 3220 - Adolescence and Youth (4)
Focuses on the scientific study of the normative biological, cognitive, emotional, personality and social changes that occur during adolescence. Selected topics include pubertal maturation, information processing, identity development, peer relations and family dynamics. *Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly PSY 322)*
Prerequisite(s): (PSY 250 or PSY 2500) with a grade of 2.0 or higher.

PSY 3230 - Adulthood and Aging (4)
Psychological change, from young adulthood to death. Topics include potentials for psychological growth and sources of crisis, changes in intellectual processes, attitudes toward aging, retirement and the needs of the aged. *Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly PSY 323)*
Prerequisite(s): (PSY 250 or PSY 2500) with a grade of 2.0 or higher.

PSY 3300 - Social Cognition (4)
The theory and research explicating thinking processes underlying social phenomena such as impression formation, persuasion, conformity, compliance, stereotyping and causal perception. Areas of focus include attitude formation and change, attribution theory, the role of affect in cognition, schema theory and theories of nonverbal behavior. *Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly PSY 330)*
Prerequisite(s): (PSY 250 or PSY 2500) with a grade of 2.0 or higher.

PSY 3330 - Motivation (4)
Principal theories of motivation. Examination of needs, cognition, and social aspects. Includes a critical review of research and application of these theories to behavior. *Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly PSY 333)*
Prerequisite(s): (PSY 250 or PSY 2500) with a grade of 2.0 or higher.

PSY 3340 - Industrial and Organizational Psychology (4)
Scientific study of the workplace including the application of psychological research methods to such critical business issues as talent management, training and development, selection processes, performance assessment, job satisfaction, employee motivation and commitment, organization development, and work-life balance. The scientist-practitioner model will be emphasized. (Formerly PSY 334)
Prerequisite(s): (PSY 250 or PSY 2500) with a grade of 2.0 or higher.

PSY 3370 - Group Dynamics (4)
Group structure, function and process. Focus on how individuals affect the behavior of people in groups; how the group, in turn, affects the behavior of the individual. Topics include leadership, cohesion, group therapy, crowds and mobs. (Formerly PSY 337)
Prerequisite(s): (PSY 250 or PSY 2500) with a grade of 2.0 or higher.

PSY 3390 - Emotion (4)
Understanding of human emotion from both an historical and theoretical viewpoint. Contemporary theoretical positions will be compared in terms of the roles cognition, behavior and psychological changes play in the emotional experience. *Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly PSY 339)*
Prerequisite(s): (PSY 250 or PSY 2500) with a grade of 2.0 or higher.

PSY 3410 - Adult Psychopathology (4)
Introduction to psychopathology across the lifespan with a focus on the etiology from psychological, biological and sociocultural perspectives; assessment; diagnosis; and empirically-based treatment options. Includes scientific discussion of clinical types, methods of investigation and principals of psychotherapy. (Formerly PSY 341)
Prerequisite(s): (PSY 250 or PSY 2500) with a grade of 2.0 or higher.

PSY 3430 - Child Psychopathology (4)
The psychopathology of children and adolescents. *Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly PSY 343)*
Prerequisite(s): (PSY 250 or PSY 2500) with a grade of 2.0 or higher.

PSY 3440 - Behavior Analysis (4)
Theory and research on the analysis of behavior as it has developed from Pavlov to Skinner and Bandura. Includes a consideration of the application of principles of behavior analysis to individual and social behavior. *Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly PSY 344)*
Prerequisite(s): (PSY 250 or PSY 2500) with a grade of 2.0 or higher.

PSY 3450 - Health Psychology (4)
Application of psychological theory and research to health promotion as well as illness prevention and treatment. The interaction between biological, social and psychological factors in health and medical problems is emphasized. *Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly PSY 345)*
Prerequisite(s): (PSY 250 or PSY 2500) with a grade of 2.0 or higher.

PSY 3460 - Psychology of Gender (4)
Exploration of the psychological perspectives on sex and gender, gender identity, roles, conflicts and stereotypes. Emphasis on psychological development and socialization, race, culture, social class and sexuality. May highlight the unique experiences of women. Identical with (WGS 374 or WGS 3824). (Formerly PSY 346)
Prerequisite(s): (PSY 100 or PSY 1000) with a grade of 2.0 or higher.

PSY 3500 - Tests and Measurements (4)
Theories of measurement and evaluation. Examination of empirical construction and interpretation of various tests, including intelligence, achievement, interests and special aptitudes. *Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly PSY 350)*
Prerequisite(s): (PSY 251 or PSY 2510) with a grade of 2.0 or higher.

PSY 4500 - Advanced Research Design in Psychology (4)
Issues in design and methodology of psychological research with application to one of the areas in psychology. Independent research project required. *Satisfies the university general education requirement for the capstone experience. (Formerly PSY 450)*
Prerequisite(s): (PSY 251 or PSY 2510) with a grade of 2.0 or higher and permission of instructor.

PSY 4510 - Advanced Statistics in Psychology (4)
Advanced statistical procedures employed in social science research. Topics include testing the statistical assumptions and a variety of inferential statistics such as partial correlations, multiple regression analysis, factor analysis, mixed ANOVA, and non-parametric tests. Emphasizes the integration of methodological, computational, and statistical issues using statistical software. (Formerly PSY 451)
Prerequisite(s): (PSY 251 or PSY 2510) with a grade of 2.0 or higher and permission of instructor.

PSY 4921 - Readings and Research Projects (4)
Individual readings or laboratory research on a topic agreed upon by a student and a member of the psychology faculty. May be repeated for additional credit. Not more than 8 credits of readings and research project may be counted toward fulfillment of the major in psychology. (Formerly PSY 483). *Each satisfies the university general education requirement for the capstone experience.*
Prerequisite(s): permission of instructor and completion of the university writing foundation requirement.

PSY 4930 - Field Experience in Psychology (4)
The application of psychological concepts and methods in a non-academic setting. Includes job placement with a classroom component, readings and discussion of relevant literature. May not be repeated for credit. *Satisfies the university general education requirement for the capstone experience. (Formerly PSY 399)*
Prerequisite(s): junior/senior standing. Minimum of 16 credits in the major including (PSY 250 or PSY 2500) with a grade of 2.0 or higher, two courses between (PSY 310 or PSY 3100) and (PSY 346 or PSY 3460) and permission of instructor.

PSY 4971 - Seminar in Cognition, Perception, and Biological Psychology (4)
Advanced seminar in a special topic related to cognition, perception, conditioning or physiological processes. May be repeated once for a total of 8 credits. *Satisfies the university general education requirement for the capstone experience. (Formerly PSY 415)*
Prerequisite(s): permission of instructor.

PSY 4972 - Seminar in Developmental Psychology (4)
Advanced seminar in a special topic related to developmental psychology, such as theories of development. May be repeated once for a total of 8 credits. *Satisfies the university general education requirement for the capstone experience. (Formerly PSY 425)*
Prerequisite(s): permission of instructor.

PSY 4973 - Seminar in Social Psychology (4)
Advanced seminar in a special topic related to social psychology, such as attitudes, attributions or theories of social influence. May be repeated once for a total of 8 credits. *Satisfies the university general education requirement for the capstone experience. (Formerly PSY 435)*
Prerequisite(s): permission of instructor.

PSY 4974 - Seminar in Individual Differences and Personality Psychology (4)
Advanced seminar in a special topic related to individual differences and personality psychology, such as theories of personality, aggression or religion. May be repeated once for a total of 8 credits. *Satisfies the university general education requirement for the capstone experience. (Formerly PSY 436)*
Prerequisite(s): (PSY 250 or PSY 2500) with a grade of 2.0 or higher, and permission of instructor.

PSY 4977 - Seminar: Psychopharmacology (4)
Examines the effects of drugs on brain and behavior. Includes introduction to brain anatomy and neurotransmission. Emphasis on explanation and theories for the effects of drugs of abuse and drug treatments for psychological disorders on the brain and behavior. *Satisfies the university general education requirement for the capstone experience. (Formerly PSY 416)*
Prerequisite(s): (PSY 318 or PSY 3180) with a grade of 2.0 or higher or permission of instructor.

PSY 4978 - Seminar: Cognitive Development in Children (4)
Advanced seminar that examines children's cognitive development from infancy through early adolescence. Includes topics such as information processing theories, spatial cognition, schooling and cognition and the study of intelligence. *Satisfies the university general education requirement for the capstone experience. (Formerly PSY 421)*
Prerequisite(s): (PSY 225 or PSY 2250), (PSY 250 or PSY 2500) and (PSY 321 or PSY 3210), each with a grade of 2.0 or higher, or permission of instructor.

PSY 4979 - Seminar: Resilient Aging (4)
Advanced seminar examining psychological resilience in late life. Empirical and theoretical perspectives in developmental psychology emphasize resilience and healthy adaptation in late life, particularly as these pertain to personality factors, stress management, coping, social resources, neurological plasticity, health maintenance, and thriving. *Satisfies the university general education requirement for the*

capstone experience. (Formerly PSY 423)
Prerequisite(s): (PSY 250 or PSY 2500) and (PSY 323 or PSY 3230) each with a grade of 2.0 or higher, or permission of instructor.

PSY 4980 - Seminar: Moral Development (4)
Examines theoretical perspectives and empirical work on the cognitive-contextual, socio-emotional, cultural, and biosocial factors in the development of moral cognition, behavior, and emotion among children and adolescents. *Satisfies the university general education requirement for the capstone experience. (Formerly PSY 424)*
Prerequisite(s): (PSY 250 or PSY 2500) with a grade of 2.0 and either (PSY 321 or PSY 3210) or (PSY 322 or PSY 3220) with a grade of 2.0 or higher, or permission of instructor.

PSY 4989 - History of Psychology (4)
Examines psychology's philosophical and physiological roots. Attention is given to the ways in which historical contexts and movements are linked to major developments in psychological thought and theory, including the psychology of consciousness, the unconscious, behaviorism, cognitive science, social psychology, and applied fields of psychology. *Satisfies the university general education requirement for the capstone experience. Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. (Formerly PSY 401) Prerequisite for writing intensive: completion of the university writing foundation requirement.*
Prerequisite(s): (PSY 250 or PSY 2500) with a grade of 2.0 or higher and two additional PSY courses.

PSY 4995 - Research Apprenticeship (2 OR 4)
Student will be mentored by faculty in various steps of the research process. May be repeated for additional credit. Not more than 8 credits earned in the research apprenticeship may be counted toward fulfillment of the major in psychology. (Formerly PSY 487)
Prerequisite(s): permission of instructor.

PSY 4997 - College Teaching Apprenticeship (4)
Supervised participation in teaching undergraduate psychology courses. Discussion of teaching objectives and methods. May be repeated for a total of 8 credits. Only 4 credits may be offered to fulfill major requirements. (Formerly PSY 470)
Prerequisite(s): permission of instructor.

PSY 4998 - Honors Independent Studies I (4)
First course in sequence for independent honors research project. With guidance from an identified faculty mentor, student will prepare research prospectus, present proposal to thesis committee, and complete IRB or IACUC process. Student is expected to continue independent study in (PSY 495 or PSY 4999) during subsequent semester. *Satisfies the university general education requirement for the capstone experience. (Formerly PSY 494)*
Prerequisite(s): (PSY 250 or PSY 2500) and (PSY 251 or PSY 2510) each with a grade of 3.2 or higher, and permission of instructor.

PSY 4999 - Honors Independent Studies II (4)
Second course in sequence for independent honors research project. Student will collect and analyze data, write manuscript, and defend thesis to committee. Successful completion requires approval of the thesis committee. (Formerly PSY 495)
Prerequisite(s): (PSY 494 or PSY 4998) and permission of the instructor.

Religious Studies Program

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(248) 370-2154

Website

Director: *Alan Epstein*

Sub-program Directors: *Michael Pytlik (Judaic Studies), Malik Balla (Islamic Studies), Charles Mabee (Christianity Studies)*

Religious Studies Independent Major

Working with the program director, students may construct a 40-credit course of study to major in Religious Studies. The Independent Major may build upon and extend beyond the Religious Studies Concentration, while incorporating the particular interests of each participating student. The Independent Major may not be pursued conjointly with any of the three minor fields of study listed below. The plan of study for each independent major must be submitted to the College of Arts and Sciences for final approval.

Religious Studies Concentration

This concentration offers a structured program of study that explores and examines the human religious experience through its core beliefs and defining practices. While a number of methods common to the liberal arts tradition are employed throughout the various courses offered, focus typically is interdisciplinary, delving into the cultural, literary, and historical dimensions of religious life and thought. This concentration may not be taken conjointly with one of the minors listed below. However, it may be taken conjointly as part of a modified major (24 credits) in philosophy or with a full major in any other department of the College of Arts and Sciences.

Religious Studies Minors

The need for increased understanding of religious influences in the modern world has perhaps never been more apparent than at the present time. Judaism, Islam and Christianity in particular - with their intertwined historical, theological, cultural and ethical components - are integrally connected to the most urgent global challenges of the contemporary world. The purpose of the minor in religious studies is to provide students with a coherent and nuanced framework for achieving greater insights into the scope and complexity of these issues.

- Islamic Studies Minor
- Judaic Studies Minor

- Christianity Studies Minor

Islamic Studies Minor

The liberal arts minor in Islamic studies requires a minimum of 20 credits as described below. At least 8 credits must be taken in religious studies courses at Oakland.

1. Required course selected from

- REL 1100 - Introduction to Religion **(4)**
- REL 1850 - World Religious Traditions **(4)**

2. Required course

- REL 1150 - Introduction to Islam **(4)**

3. Required course selected from

- REL 3100 - Islamic Ethics **(4)**
- REL 3130 - Islam in the Modern World **(4)**
- REL 3450 - Islam in America **(4)**
- Any REL 3000 special topics course in Islamic studies (4)

4. One of the following field-related courses

- AH 1003 - Arts of Asia and the Islamic World **(4)**
- HST 3510 - The Modern Middle East **(4)**
- HST 3540 - The Arab-Israeli Conflict **(4)**
- IS 2700 - Perspectives on the Middle East **(4)**
- PHL 2210 - Medieval Philosophy **(4)**

5. One of the following applications

- ARB 1140 - Introduction to Arabic Language and Culture I **(4)** *(or higher numbered Arabic language course)*
- REL 4950 - Religious Community Project Internship **(4)** *(structured by the Islamic studies program director upon request)*
- REL 4920 - Directed Readings in Religious Studies **(4)** *(in Islamic studies; requires Islamic studies program director approval)*
- Approved study abroad course in a Middle Eastern country

Note

Special topics courses offered in other areas (anthropology, art history, English, history, philosophy, political science and sociology) may be applied towards the minor when the topic is on an aspect of religious studies appropriate to the minor.

Students using this catalog to meet Islamic studies minor requirements may also use any course subsequently approved as satisfying requirements in one of the electives categories (requirements 1,3,4, and 5) and published in a later catalog.

Judaic Studies Minor

The liberal arts minor in Judaic studies requires a minimum of 20 credits as described below. At least 8 credits must be taken in religious studies courses at Oakland.

1. Required course selected from

- REL 1100 - Introduction to Religion (4)
- REL 1850 - World Religious Traditions (4)

2. Required course

- REL 1200 - Introduction to Judaism (4)

3. Two core studies courses selected from

- PHL 2210 - Medieval Philosophy (4)
- REL 3420 - Jewish History (4)

- REL 3700 - The Book of Genesis (4)
- REL 3710 - Written Traditions of Judaism (4)
- REL 3720 - Concepts of God and Man in Judaism (4)
- REL 3740 - The Bible as Literature (4) or ENG 3650 - The Bible as Literature (4)
- REL 3430 - The Jewish Experience in American Life (4)
- REL 3440 - The Holocaust (4)
- Any REL 3000 special topics course in Judaic studies (4)

4. One of the following applications

- Hebrew language course
- REL 4950 - Religious Community Project Internship (4)
- REL 4920 - Directed Readings in Religious Studies (4) (in Judaic studies; requires Judaic studies program director approval)
- Approved study abroad course in Israel

Note

Special topics courses offered in other areas (anthropology, art history, English, history, philosophy, political science and sociology) may be applied towards the minor when the topic is on an aspect of religious studies appropriate to the minor.

Students using this catalog to meet Judaic studies minor requirements may also use any course subsequently approved as satisfying requirements in one of the elective categories (requirements 1, 3,and 4) and published in a later catalog.

Christianity Studies Minor

The liberal arts minor in Christianity studies requires a minimum of 20 credits as described below. At least eight credits must be taken in religious studies courses at Oakland.

1. Required course selected from

- REL 1100 - Introduction to Religion (4)
- REL 1850 - World Religious Traditions (4)

2. Required course

- REL 1250 - Introduction to Christianity (4)

3. Two core courses selected from

- AH 3220 - Early Medieval, Byzantine, and Romanesque Art (4)
- AH 3230 - Gothic Art (4)
- ENG 3650 - The Bible as Literature (4) or REL 3740 - The Bible as Literature (4)
- HST 3340 - The Italian Renaissance (4)
- HST 3345 - The Reformation (4)
- PHL 2210 - Medieval Philosophy (4)
- REL 3110 - Christian Ethics (4)
- REL 3900 - Special Topics in Religious Studies (4) when relevant to Christian studies
- REL 3730 - Early Christian Spirituality (4)

4. One of the following applications

- REL 4950 - Religious Community Project Internship (4)
- REL 4920 - Directed Readings in Religious Studies (4) (in Christianity studies; requires Christianity studies program director approval)

Note

Special topics courses offered in other areas (English, history, philosophy, political science, and sociology) may be applied towards the minor when the topic is about an aspect of religious studies appropriate to the minor.

Students using this catalog to meet Christianity studies minor requirements may also use any course subsequently approved as satisfying requirements in one of the elective categories (requirements 1, 3, and 4) and published in a later catalog.

Course Descriptions

REL 1100 - Introduction to Religion (4)
Critical, comparative study of the human religious experience, as well as an examination of various methodological approaches employed by academic disciplines in the study of religion. (Formerly REL 100)

REL 1150 - Introduction to Islam (4)
Pre-Islamic Arabia, Muhammad and early Islamic history; the Qur'an and basic beliefs, practices and law; the Islamic Caliphate; Islam in the modern world and Muslims in America; women in Islam and other contemporary issues. *Satisfies the university general education requirement in the global perspective knowledge exploration area. Satisfies the university general education requirement for a writing intensive course in general education. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly REL 101)*

REL 1200 - Introduction to Judaism (4)
Religious beliefs, practices and philosophies embedded within the major historical experiences (Biblical and Diasporic) of Jewish people including main institutional branches of Judaism, central characteristics of Jewish culture, and their relationship with non-Jewish groups and societies. *Satisfies the university general education requirement in the global perspective knowledge exploration area. Satisfies the university general education requirement for a writing intensive course in general education. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly REL 102)*

REL 1250 - Introduction to Christianity (4)
Key ideas, major concepts, and peculiar language of the Christian religious experience. Focus on history of Christianity, creeds and doctrines of various denominations, Christianity's cultural influences, and Christian ethical systems. *Satisfies the university general education requirement in the global perspective knowledge exploration area. (Formerly REL 103)*

REL 1850 - World Religious Traditions (4)
Examines the core teachings and practices of the world's major religious traditions, including Judaism, Christianity, Islam, Hinduism, Buddhism, and Chinese religions. Emphasis is on terminology developed within each tradition, identification of human problems that each attempts to solve, and the insights and problematic issues that arise from these attempts. *Satisfies the university general education requirement in the global perspective knowledge exploration area. (Formerly REL 150)*

REL 2100 - Basic Religious Writings (4)
Explores the various roles played by core texts within both Western and Eastern religious traditions. Basic texts from these traditions are analyzed and compared, revealing the essential approaches to religious life contained in each. (Formerly REL 201)

REL 3100 - Islamic Ethics (4)
Major principles and theories of Islamic ethics. Application of these ideas to issues of deforestation, global warming, sustainability, women's rights, abortion and cloning. Comparisons with other philosophical and religious theories. (Formerly REL 321)

REL 3110 - Christian Ethics (4)
Study of the dialogue between philosophical ethics and the Christian tradition. Ethical models of Christian tradition from late Jewish moral theory through the Greeks, Romans, and into the present. Christian perspectives on contemporary moral problems and social issues. (Formerly REL 323)

REL 3120 - Philosophy of Religion (4)
Identical with (PHL 325 or PHL 3150). (Formerly REL 325)
Prerequisite(s): one course in philosophy or religious studies or permission of instructor.

REL 3130 - Islam in the Modern World (4)
Exploration of political, social, cultural, and religious developments in a diverse array of Muslim societies in the contemporary world. Examination of interaction between Western notions of modernity and Islam. Analysis of Western influence on Muslim societies and Muslim responses to the West. Topical issues include women's rights, democracy, and the rise of radical groups. (Formerly REL 331)

REL 3140 - Religion in the Modern World (4)
Focuses on key issues of religious life in the modern world. Examples of topics include the role of women in religious leadership, the relation of science and religion, religious fundamentalism, and religiously motivated acts of terrorism. *Satisfies the university general education requirement in the knowledge applications integration area. Prerequisite for knowledge applications: completion of the general education requirement in the social science or the global perspective knowledge exploration area, not both. (Formerly REL 351)*

REL 3150 - The Philosophies Religions of Asia (4)
Identical with (PHL 350 or PHL 3155). (Formerly REL 359)

REL 3400 - The Sociology of Religion (4)
Identical with (SOC 305 or SOC 3420). (Formerly REL 305)
Prerequisite(s): (SOC 100 or SOC 1000) or (SOC 205 or SOC 2200)

REL 3410 - American Religious Experience (4)
Study of a variety of religious traditions (e.g., Buddhist, Catholic, Hindu, Islamic, Native American, Protestant) as these are understood and lived by followers within the modern pluralistic society of North America. Also focuses on secularity, "NRM's" (New Religious Movements), and the emergence of American-born spiritual communities of faith. (Formerly REL 303)

REL 3420 - Jewish History (4)
Survey of Jewish history from its foundation to more modern periods, including such topics as the Jewish Patriarchs, Jewish kingdoms, Jews in the Roman Empire, Jews in the Medieval Period, and Jewish experiences in Europe and the United States. (Formerly REL 307)

REL 3430 - The Jewish Experience in American Life (4)
History of Jews as an American minority group, a dissenting non-Christian religious group, an immigrant and ethnic group, and a cultural group. Emphasis on themes of assimilation and conflict, as well as contributions to American society. (Formerly REL 420)

REL 3440 - The Holocaust (4)
Examines events and contributing factors culminating in the Holocaust. Specific topics include history of anti-Semitism in Europe, rise of Nazism in Germany, Nazi Jewish policies, Jewish life under Nazism, design and execution of the death camps, world response, and the meaning of the Holocaust. (Formerly REL 421)

REL 3450 - Islam in America (4)
Examination of the history, development, and challenges facing the Muslim community in the United States. Emphasis on the diversity of this community and its role in the greater Detroit area. (Formerly REL 422)

REL 3460 - Magic, Witchcraft and Religion (4)
Identical with (AN 271 or AN 3123). (Formerly REL 271)
Prerequisite(s): (AN 102 or AN 1111).

REL 3700 - The Book of Genesis (4)
Examination of the major themes in the Book of Genesis, including creation, relationship between people and God, and human nature. Course will incorporate archaeology, rabbinic and Christian commentary, and literary analysis. (Formerly REL 317)

REL 3710 - Written Traditions of Judaism (4)
Examination of Jewish sacred texts and their development in Jewish history. Texts include the Hebrew Bible, Talmuds, early mystical works, devotional texts from medieval Europe, and the Kabbalah. Texts are in English translation. A significant emphasis is placed on reading and the meaning of these texts. (Formerly REL 318)

REL 3720 - Concepts of God and Man in Judaism (4)
Examination of how ideas of God and humans' relationship to God are presented in Jewish religious texts and how they have evolved over time. Important issues include the nature of God, free will, sin, repentance, and the question of evil. (Formerly REL 319)
Prerequisite(s): (REL 100 or REL 1100) or (REL 102 or REL 1200) recommended.

REL 3730 - Early Christian Spirituality (4)
Social, historical and textual study of how Christianity as a new religion developed a unique spirituality enabling followers to approach their God using insights from Paul the Apostle, the Gospels, St. Augustine, and others. (Formerly REL 349)

REL 3740 - The Bible as Literature (4)
Identical with (ENG 305 or ENG 3650). (Formerly REL 353) *Satisfies the university general education requirement in the literature knowledge exploration area.*
Prerequisite(s): (WRT 160 or WRT 1060) with a grade of 2.0 or higher and junior standing.

REL 3750 - Science and Religion (4)
Examines the relationship between religion and modern science from an historical and contemporary perspective. Scientific descriptions of reality are compared and contrasted with contemporary expressions of religious belief. *Satisfies the university general education requirement in the knowledge applications integration area. Prerequisite for knowledge applications: completion of the general education requirement in the natural science and technology knowledge exploration area. (Formerly REL 355)*

REL 3900 - Special Topics in Religious Studies (4)
Topics in history, literature, culture and philosophy of different religious traditions. May be repeated for additional credit under different subtitle. (Formerly REL 300)

REL 4920 - Directed Readings in Religious Studies (4)
Individual study of topic(s) not covered in available courses. May be repeated for additional credit. (Formerly REL 490)
Prerequisite(s): (REL 100 or REL 1100) and (REL 201 or REL 2100) and permission of concentration coordinator.

REL 4950 - Religious Community Project Internship (4)
Field placement in an approved religious community project. Field notes, regular consultation with the program director, and an analytical paper of the experience are part of the requirements. (Formerly REL 450)
Prerequisite(s): minor or concentration in religious studies and permission of program director.

Department of Sociology, Anthropology, Social Work and Criminal Justice

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Adjunct Assistant Professor: *Michael Pytlik*

Visiting Professors*: Viviana Weekes-Shackelford*

Administrative professionals: *Stephanie Brandimarte (Social Work), Kimberly Byrd (Criminal Justice), Maria DeVoogd-Beam (program director, Social Work), Heather El-Khoury (Social Work)*

Chief advisers: *Henri Gooren (Anthropology), George Sanders (Sociology), Stephanie Brandimarte (Social Work), Kimberly Byrd (Criminal Justice)*

The Department of Sociology, Anthropology, Social Work and Criminal Justice offers majors in sociology and anthropology as well as a joint major in sociology/anthropology (B.A.); a major in criminal justice leading to a Bachelor of Arts (B.A.) degree, and a major in social work leading to the Bachelor of Social Work (B.S.W.) degree.

Sociology is the scientific study of society and systematically examines the cultural and social factors that shape individual and group behavior. Students learn about the fundamental processes of human interaction, the forces of social inequality and social change, and critically examine society's social institutions and social problems. The major prepares students for careers where knowledge of human relationships and/or research skills are desirable, and for graduate work in sociology and related social service fields.

Anthropology is the study of humankind in all its aspects, through archaeological, biological, cultural, and linguistic research, and fosters the use of this knowledge in addressing human problems. The major prepares students for graduate work in anthropology and/or archaeology and for careers that utilize anthropological knowledge and training. In sociology and anthropology students are required to study research techniques and acquire skills in theoretical analysis. Both majors are designed to allow flexibility for students to pursue their own intellectual interests.

Social work is a profession that strives to prevent crisis, promote social justice, and enhance the social functioning of individuals, groups, and communities so that they may better cope with the many challenges they encounter. The Bachelor of Social Work degree program trains students in the generalist social work perspective, along with the values and ethical principles consistent with the profession's historical commitment to social justice and positive change. Students trained in social work are capable of working with individuals, families, and communities of different cultural and ethnic backgrounds.

The **Criminal Justice** major is an interdisciplinary program grounded in the theoretical, methodological, and applied policy traditions of criminology and criminal justice, as well as those related disciplines that have contributed to its core knowledge (i.e., sociology, political science, public administration, law, philosophy, psychology). The degree choices that students can make are criminal justice, criminal justice with a specialization in homeland security and criminal justice with a specialization in information security and assurance.

Students also may select a combined major in sociology and anthropology, and a modified major in sociology or anthropology with a concentration in linguistics. Other concentrations include archaeology, gerontology, and addiction studies. The department also offers minors in criminal justice and child welfare (for social work majors).

Departmental Honors

To be a candidate for departmental honors in sociology, students must have taken at least 20 of their major credits at the 3000-4000 level, have taken a minimum of 20 credits of their sociology major course work at Oakland University, have earned a minimum GPA of 3.60 in major course work at Oakland and receive recommendations from two departmental faculty members.

To be a candidate for departmental honors in anthropology, students must have taken at least 16 credits in the major at the 3000 level or above, have taken a minimum of 20 credits of their anthropology major course work at Oakland University, have earned a minimum GPA of 3.60 in major course work, and receive recommendations from two departmental faculty members.

To be a candidate for departmental honors in social work, students must have taken at least 16 credits in the major at the 3000 level or above, have taken a minimum of 20 credits of their social work major

course work at Oakland University, have earned a minimum GPA of 3.60 in the major course work, and receive recommendations from two departmental faculty members.

To be a candidate for departmental honors in criminal justice, students must have taken at least 16 credits in the major at the 3000 level or above, taken a minimum of 16 credits of criminal justice major coursework at Oakland University, earned a minimum GPA of 3.60 in the major coursework, and received recommendations from two departmental faculty members.

Programs

- Addiction Studies Concentration
- Anthropology Minor
- Anthropology, B.A.
- Archaeology Concentration
- Child Welfare Minor
- Criminal Justice Minor
- Criminal Justice, B.A.
- Gerontology Concentration
- Social Work, B.S.W.
- Sociology Minor
- Sociology, B.A.
- Sociology/Anthropology, B.A.

Addiction Studies Concentration

The concentration in Addiction Studies provides students with the required knowledge and skills needed to pursue the Certified Addiction and Drug Counselor license for the State of Michigan and prepares students to work in the areas of substance abuse and addiction.

Concentration in Addiction Studies (28 credits)

Core classes

- PHL 1300 - Introduction to Ethics **(4)**
- PSY 1000 - Introduction to Psychology **(4)**
- SOC 3230 - Alcohol, Drugs and Society **(4)**
- SW 3112 - Substance Abuse Theory and Practice I **(4)**
- SW 3212 - Substance Abuse Theory and Practice II **(4)**

Electives: choose two of the following

- SW 2301 - Introduction to Social Work **(4)**
- SW 4103 - Social Work Practice I **(4)** (for social work majors only)
- SOC 2220 - Sociology of Mental Illness **(4)**
- AN 3220 - Medical Anthropology **(4)**
- CRJ 1100 - Introduction to Criminal Justice **(4)**
- CRJ 3224 - Corrections and Rehabilitative Institutions **(4)**
- PHL 3500 - Bioethics **(4)**
- PSY 3450 - Health Psychology **(4)**

Note

As a general rule, no more than eight credits of course work used to satisfy one major, minor, or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

Anthropology Minor

Requirements for a liberal arts minor in anthropology

To earn a minor in anthropology, students must complete 20 credits distributed as follows:

1. Required courses

- AN 1511 - Human and Cultural Evolution **(4)**
- AN 1111 - Culture and Human Nature **(4)**

2. A minimum of 12 credits in anthropology courses at the 3000-4000 level

Anthropology, B.A.

Requirements for the liberal arts major in anthropology, B.A. program

Students have a choice of three 24 credit major tracks: cultural anthropology (strongly recommended for students planning to go to graduate school in this field); archaeology (strongly recommended for students planning graduate work or employment in archaeology) and general anthropology (recommended for students whose interest in anthropology is broadly educational).

To earn a Bachelor of Arts with a major in anthropology, students must complete a minimum of 40 credits, including the following:

1. Core

- AN 1511 - Human and Cultural Evolution (4)
- AN 1111 - Culture and Human Nature (4)
- AN 3381 - Anthropological Research Methods (4)
- AN 4391 - Anthropological Theory (4)

2. Complete one of the following 24-credit tracks

A. Cultural anthropology - 24 credits

1. One class from each of the following categories

Bio-evolutionary anthropology

- AN 3220 - Medical Anthropology (4)
- AN 4720 - Advanced Physical Anthropology (4)
- AN 3620 - Primate Behavior (4)
- AN 3720 - Human Adaptation (4)

Social anthropology

- AN 2130 - Global Human Systems (4)
- AN 2140 - Applied Anthropology (4)
- AN 3123 - Magic, Witchcraft and Religion (4)
- AN 3110 - Culture, Society and Technology (4)
- AN 3130 - The Life Course in Anthropological Perspective (4)
- AN 3140 - Culture and Society Through Film (4)
- AN 3120 - Psychological Anthropology (4)
- AN 3230 - Law and Society (4)
- AN 3133 - The Food Quest (4)
- AN 3127 - Racial and Ethnic Relations (4)
- AN 3132 - Women's Lives in Cross-Cultural Perspective (4)
- AN 3830 - Cross-Cultural Communication (4)
- AN 4810 - Language and Culture (4)
- AN 4320 - Social Anthropology (4)
- AN 4330 - Systems of Wealth and Power in Anthropological Perspective (4)

Archaeology

- AN 3571 - Archaeological Methods and Theory (4)
- AN 3430 - The Archaeology of Civilizations (4)
- AN 3550 - Archaeology of Mesoamerica (4)
- AN 3450 - Archaeology of North America (4)
- AN 3560 - Historical Archaeology (4)
- AN 3562 - Archaeology of Israel (4)
- AN 3563 - Archaeology, Ideology and Sacred Sites in the Ancient Near East (4)

Ethnology of world culture area

- AN 3255 - Peoples and Cultures of India (4)

- AN 3250 - Peoples and Cultures of China (4)
- AN 3350 - Peoples and Cultures of Mexico and Central America (4)
- AN 3260 - Peoples and First Nations of North America (4)

2. 8 credits in electives from any AN courses at the 2000 level or above

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B. Archaeology - 24 credits

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1. Required courses

- AN 3571 - Archaeological Methods and Theory (4)
- AN 3581 - Archaeological Field School (4 OR 8)

2. 12 elective credits selected from

- AN 3430 - The Archaeology of Civilizations (4)
- AN 3550 - Archaeology of Mesoamerica (4)
- AN 3450 - Archaeology of North America (4)
- AN 3410 - Museum Studies in Archaeology (4)
- AN 3560 - Historical Archaeology (4)
- AN 3562 - Archaeology of Israel (4)
- AN 3563 - Archaeology, Ideology and Sacred Sites in the Ancient Near East (4)

C. General anthropology - 24 credits

- Elective credits chosen from any anthropology courses.

Notes

LIN 2201 - Introduction to Linguistics is strongly recommended for all anthropology majors, as is the study of at least two years of a foreign language. Students planning graduate school should also consider taking SOC 2010 (Research Methods). No more than 8 credits counted toward the major may be taken in AN 2000/, AN 3000/, AN 3930/ or AN 4996 /SOC 4996.

Students using this catalog to meet cultural anthropology major track requirements may also use any course subsequently approved as satisfying requirements in the bio-evolutionary anthropology, social anthropology, archaeology, and ethnology or world culture categories and published in a later catalog.

Requirements for modified majors in sociology and/or anthropology with a linguistics concentration, B.A. program

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To earn a modified major in sociology with a concentration in linguistics, students must complete a minimum of 20 credits in sociology, including SOC 1000, SOC 2010, SOC 2020, SOC 4000, and a minimum of 20 credits in linguistics including LIN 2201, LIN 4303, LIN 4304, and either LIN 4403 or LIN 4404, and LIN 4312 or SOC 3830.

To earn a modified major in anthropology with a concentration in linguistics, students must complete AN 1511 and AN 1111, plus a minimum of 12 additional credits in anthropology and 20 credits in linguistics, including: LIN 2201, LIN 4303, LIN 4304, and either LIN 4403 or LIN 4404, and either AN 3830 or AN 3810.

Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirement, the College of Arts and Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

Archaeology Concentration

Coordinator: Suzanne M. Spencer Wood (Anthropology)

Committee: Jon Carroll (Anthropology), Leslie Cavell (Art History), Andrea Eis (Art History), Michael Pytlik (Religious Studies), Suzanne M. Spencer-Wood (Anthropology), Richard B. Stamps (emeritus Anthropology), Susan E. Wood (Art History)

The concentration in archaeology prepares students for graduate study in archaeology. It is also helpful for students interested in an interdisciplinary approach to human cultural development viewed from historical, aesthetic and scientific perspectives. A minimum of 28 credits is required for this program, distributed as follows.

1. Required courses

- AH 1001 - History of Western Art, Prehistory through Medieval (4)
- AN 1511 - Human and Cultural Evolution (4)
- AN 3571 - Archaeological Methods and Theory (4)

2. One of the following

- AH 3040 - Buddhist Art (4)
- AH 3110 - Art of the Ancient Near East (4)
- AH 3120 - Greek Art (4)
- AH 3130 - Roman Art (4)
- AH 3240 - Islamic Art (4)
- AH 3800 - Museum Studies in Art History (4)
- AN 3000 - Current Problems in Anthropology (4)
- AN 3410 - Museum Studies in Archaeology (4)
- AN 3430 - The Archaeology of Civilizations (4)
- AN 3450 - Archaeology of North America (4)
- AN 3560 - Historical Archaeology (4)
- AN 3562 - Archaeology of Israel (4)
- AN 3563 - Archaeology, Ideology and Sacred Sites in the Ancient Near East (4)

3. Eight credits in field methods

- AN 3581 - Archaeological Field School (4 OR 8)

4. At least 4 elective credits selected from

- An additional course chosen from requirement #2 above
- AH 3020 - Chinese Art (4)
- AH 3220 - Early Medieval, Byzantine, and Romanesque Art (4)
- HST 2600 - Introduction to Latin American History to 1825 (4)
- HST 3110 - History of the North American Colonies (4)
- HST 3710 - Ancient and "Medieval" African Civilizations (4)

- HST 3310 - Ancient Greece and Rome (4)
- PHY 1060 - Earth Science/Physical Geography (4)

Note

Students are reminded that professional conservation work requires knowledge in botany and chemistry. New and special topics classes, where appropriate, may be petitioned to count toward graduation. Students wishing to enroll in the archaeology concentration should file a minor and concentration authorization form with the concentration coordinator.

Child Welfare Minor

Requirements for a liberal arts minor in child welfare

The child welfare minor is available for social work students interested in working with children and families areas of abuse and neglect, foster care and adoption, juvenile delinquency and other related fields.

Completion of this minor does not equate to the endorsement through the Michigan Department of Human Service. Rather that is a separate application process. BSW students seeking a minor in child welfare must schedule an appointment with the program adviser to learn more about the endorsement application and eligibility requirements.

1. Required courses

- SW 3101 - Human Behavior and Social Environment (4)
- SW 3313 - Child Welfare (4)
- SW 4103 - Social Work Practice I (4)

2. Two elective courses selected from

- SW 3112 - Substance Abuse Theory and Practice I (4)
- SW 3212 - Substance Abuse Theory and Practice II (4)
- SW 3905 - Special Topics in Social Work (2 TO 4)
- SOC 3410 - Family and Community Processes (4)

- SOC 3400 - Sociology of Family (4)
- CRJ 3300 - Alcohol, Drugs and Society (4) or SOC 3230 - Alcohol, Drugs and Society (4)
- CRJ 3223 - Delinquency and Juvenile Justice (4) or SOC 3240 - Delinquency and Juvenile Justice(4)

Criminal Justice Minor

Requirements for a liberal arts minor in criminal justice

To earn a minor in criminal justice, students must complete and earn a 2.5 in each of the criminal justice courses:

1. Required courses

- CRJ 1100 - Introduction to Criminal Justice (4)
- CRJ 2100 - Criminological Theory (4)

2. One core criminal justice course selected from

- CRJ 3223 - Delinquency and Juvenile Justice (4)
- CRJ 3224 - Corrections and Rehabilitative Institutions (4)
- CRJ 3227 - Police and Society (4)
- CRJ 3229 - Criminal Law and the Courts (4)

3. Two criminal justice electives (8 credits)

Note

Students using this catalog to meet criminal justice minor requirements may also use any course subsequently approved as satisfying requirements in the core criminal justice group (requirement #2 above) and published in a later catalog.

Criminal Justice, B.A.

Requirements for the criminal justice major

To earn a Bachelor of Arts with a major in criminal justice students must complete a minimum of 48 credits as listed below. Students must earn a minimum grade of 2.5 in the following major courses: CRJ 1100, CRJ 2100, all CRJ core courses, all CRJ elective courses, CRJ 4950 and CRJ 4970 .

Field experience is an integral part of the criminal justice curriculum. Students must have an overall GPA of 2.0 and a GPA of 2.5 in the major, completed all required and core courses, and met with the director of field services and student support to secure an internship placement prior to enrolling in CRJ 4950 .

1. Required courses

- CRJ 1100 - Introduction to Criminal Justice (4)
- CRJ 2100 - Criminological Theory (4)
- SOC 2010 - Introduction to Methods of Social Research (4)
- SOC 2020 - Social Statistics with Computer Applications (4)

2. Two core courses from the following list

- CRJ 3223 - Delinquency and Juvenile Justice (4)
- CRJ 3224 - Corrections and Rehabilitative Institutions (4)
- CRJ 3227 - Police and Society (4)
- CRJ 3229 - Criminal Law and the Courts (4)

3. Two criminal justice electives selected from

- CRJ 3300 - Alcohol, Drugs and Society (4)
- CRJ 3320 - Criminology and Public Policy in Criminal Justice (4)
- CRJ 3330 - Women, Crime and Justice (4)
- CRJ 3332 - Race/Ethnicity, Crime and Justice (4)
- CRJ 3340 - White-Collar Crime (4)
- CRJ 3341 - Cybercrime (4)
- CRJ 3342 - The Surveillance Society (4)
- CRJ 3346 - Profiling and Threat Assessment (4)
- CRJ 3347 - Neighborhoods, Schools and Crime (4)

- CRJ 3348 - Terrorism and Homeland Security (4)
- CRJ 3349 - Applied Intelligence (4)
- CRJ 3351 - Geography of Crime (4)
- CRJ 3360 - Crime and the Life Course (4)
- CRJ 3365 - Critical Incident Analysis (4)
- CRJ 3905 - Special Topics in Criminal Justice (4)

4. Two interdisciplinary electives selected from

- AN 3127 - Racial and Ethnic Relations (4) or SOC 3610 - Racial and Ethnic Relations (4)
- AN 3230 - Law and Society (4) or SOC 3460 - Law and Society (4)
- HST 3220 - History of the American Industrial Economy and Society (4)
- HST 3235 - Working Detroit (4)
- HST 3270 - History of American Cities (4)
- HST 3275 - History of American Families (4) or WGS 3821 - History of American Families (4)
- HST 3280 - The Civil Rights Movement in America (4)
- HST 3510 - The Modern Middle East (4)
- HST 3540 - The Arab-Israeli Conflict (4)
- MIS 4900 Advanced Topics in MIS (3) (minimum grade of 2.0 required)
- PHL 3120 - Philosophy of Law (4)
- PHL 3600 - Political Philosophy (4)
- PHL 3610 - Philosophy of International Relations: Law, War and Peace (4)
- PHL 3620 - Global Justice (4)
- PS 3040 - International Politics: Theory and Practice (4)
- PS 3115 - The Judicial Process (4)
- PS 3255 - U.S. Constitutional Law (4)
- PS 3250 - Law and Politics (4)
- PS 3260 - Civil Rights and Civil Liberties (4)
- PS 3780 - International Terrorism: Causes, Consequences, Responses (4)
- PSY 3210 - Child Development (4)
- PSY 3220 - Adolescence and Youth (4)
- PSY 3410 - Adult Psychopathology (4)
- PSY 3430 - Child Psychopathology (4)
- SOC 2220 - Sociology of Mental Illness (4)
- SOC 3110 - Human Sexuality (4) or WGS 3830 - Human Sexuality (4)
- SOC 3220 - Social Welfare Policies (4) or SW 3302 - Social Welfare Policies (4)
- SOC 3410 - Family and Community Processes (4)
- SOC 3600 - Social Stratification (4)
- SOC 3620 - Sociology of Gender (4) or WGS 3814 - Sociology of Gender (4)
- SOC 3640 - Urban and Community Sociology (4)

5. Internship

- CRJ 4950 - Internship in Criminal Justice (consultation with director of field services and student support required prior to enrollment)

6. Capstone

- CRJ 4970 - Capstone: Criminal Justice Policy Analysis (4)

Requirements for the criminal justice major - homeland security specialization

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To earn a Bachelor of Arts with a major in criminal justice and a specialization in homeland security, students must complete a minimum of 60 credits as listed below. Students must earn a minimum grade of 2.5 in the following major courses: CRJ 1100, CRJ 2100, all CRJ core courses, all CRJ elective courses, CRJ 4950 and CRJ 4970 .

Field experience is an integral part of the criminal justice curriculum. Students are required to meet with the director of field services and student support to secure an internship placement prior to enrolling in CRJ 4950.

1. Required courses

- CRJ 1100 - Introduction to Criminal Justice (4)
- CRJ 2100 - Criminological Theory (4)
- SOC 2010 - Introduction to Methods of Social Research (4)
- SOC 2020 - Social Statistics with Computer Applications (4)

2. Core courses

- CRJ 3227 - Police and Society (4)
- CRJ 3229 - Criminal Law and the Courts (4)

3. Criminal justice electives (select four courses)

- CRJ 3300 - Alcohol, Drugs and Society (4)
- CRJ 3320 - Criminology and Public Policy in Criminal Justice (4)
- CRJ 3332 - Race/Ethnicity, Crime and Justice (4)
- CRJ 3340 - White-Collar Crime (4)
- CRJ 3341 - Cybercrime (4)
- CRJ 3342 - The Surveillance Society (4)
- CRJ 3346 - Profiling and Threat Assessment (4)
- CRJ 3347 - Neighborhoods, Schools and Crime (4)
- CRJ 3348 - Terrorism and Homeland Security (4)
- CRJ 3349 - Applied Intelligence (4)
- CRJ 3351 - Geography of Crime (4)
- CRJ 3360 - Crime and the Life Course (4)
- CRJ 3365 - Critical Incident Analysis (4)
- CRJ 3905 - Special Topics in Criminal Justice (4) (approval from the criminal justice faculty adviser required)

4. Interdisciplinary electives (select three courses)

- MIS 4900 Advanced Topics in MIS (3)
- PS 3040 - International Politics: Theory and Practice (4)
- PS 3415 - Politics of the Middle East and North Africa (4)
- PS 3430 - Political Systems of Asia (4)
- PS 3255 - U.S. Constitutional Law (4)
- PS 3260 - Civil Rights and Civil Liberties (4)
- PS 3250 - Law and Politics (4)
- PS 3780 - International Terrorism: Causes, Consequences, Responses (4)
- HST 3405 - Nationalism in Modern Europe (4)
- HST 3510 - The Modern Middle East (4)
- HST 3540 - The Arab-Israeli Conflict (4)
- HST 3550 - Modern Iran and Iraq (4)
- HST 3295 - Religion, Politics and American Culture (4)
- PHL 3610 - Philosophy of International Relations: Law, War and Peace (4)
- SOC 3610 - Racial and Ethnic Relations (4) or AN 3127 - Racial and Ethnic Relations (4)
- PHL 3620 - Global Justice (4)

5. Internship

- CRJ 4950 - Internship in Criminal Justice (consultation with director of field services and student support required prior to enrollment)

6. Capstone

- CRJ 4970 - Capstone: Criminal Justice Policy Analysis (4)

Requirements for the criminal justice major - information security and assurance specialization

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To earn a Bachelor of Arts with a major in criminal justice and a specialization in information security and assurance, students must complete a minimum of 62 credits, as listed below. Students must earn a minimum grade of 2.5 in the following major courses: CRJ 1100, CRJ 2100, all CRJ core courses, all CRJ elective courses, CRJ 4950 and CRJ 4970 .

Field experience is an integral part of the criminal justice curriculum. Students are required to meet with the director of field services and student support to secure an internship placement prior to enrolling in CRJ 4950 .

1. Required courses

- CRJ 1100 - Introduction to Criminal Justice (4)
- CRJ 2100 - Criminological Theory (4)
- SOC 2010 - Introduction to Methods of Social Research (4)
- SOC 2020 - Social Statistics with Computer Applications (4)

2. Core courses

- CRJ 3227 - Police and Society (4)
- CRJ 3229 - Criminal Law and the Courts (4)

3. Required MIS courses (minimum grade of 2.0 required in each)

- MIS 3010 - Survey of Management Information Systems (3)
- MIS 3050 - Information Technology Foundations (3)
- MIS 3140 - Business Database Systems (3)
- MIS 4050 - Business Systems Analysis and Design (3)
- MIS 4130 - Networks (3)

- MIS 4140 - Information Security Lab (3)

4. Two criminal justice electives selected from

- CRJ 3320 - Criminology and Public Policy in Criminal Justice (4)
- CRJ 3332 - Race/Ethnicity, Crime and Justice (4)
- CRJ 3340 - White-Collar Crime (4)
- CRJ 3341 - Cybercrime (4)
- CRJ 3342 - The Surveillance Society (4)
- CRJ 3346 - Profiling and Threat Assessment (4)
- CRJ 3348 - Terrorism and Homeland Security (4)
- CRJ 3349 - Applied Intelligence (4)
- CRJ 3351 - Geography of Crime (4)
- CRJ 3365 - Critical Incident Analysis (4)
- CRJ 3905 - Special Topics in Criminal Justice (4)

5. One interdisciplinary elective selected from

- MIS 4900 Advanced Topics in MIS (3) (minimum grade of 2.0 required)
- PS 3255 - U.S. Constitutional Law (4)
- PS 3260 - Civil Rights and Civil Liberties (4)
- PS 3250 - Law and Politics (4)
- PS 3780 - International Terrorism: Causes, Consequences, Responses (4)
- PHL 3620 - Global Justice (4)

6. Internship

- CRJ 4950 - Internship in Criminal Justice (4) (consultation with director of field services and student support required prior to enrollment)

7. Capstone

- CRJ 4970 - Capstone: Criminal Justice Policy Analysis (4)

Note

Student will achieve a minor in management information systems upon completion of the information security and assurance specialization.

Additional program information

Students using this catalog to meet criminal justice major requirements may also use any course subsequently approved as satisfying requirements in a particular electives group of courses and published in a later catalog.

Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts and Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

Gerontology Concentration

The gerontology concentration is a multidisciplinary approach designed to provide students with in-depth knowledge about the aging process and the skills needed to work with older adult as well as understand the psychological, social, economic and health/medical issues that older adults face. Students will be prepared for direct service roles with seniors and their caregivers in nursing homes, geriatric health and mental health centers, hospice, hospitals and long-term-care facilities, multipurpose senior centers, senior citizen social services, and retirement communities.

1. Required core courses

- SW 3312 - Death and Dying (4)
- SOC 3210 - Sociological Perspectives on Aging (4)
- PSY 3230 - Adulthood and Aging (4) (SOC 2010 substituted for published course prerequisite for students with a declared a concentration in gerontology)
- SOC 3430 - Sociology of Health and Medicine (4)

2. Three elective courses selected from

- AN 3130 - The Life Course in Anthropological Perspective (4)
- AN 3220 - Medical Anthropology (4)
- CRJ 3360 - Crime and the Life Course (4)
- SW/SOC/PSY/AN/CRJ special topic course in aging (must be reviewed and approved by a faculty adviser)
- PHL 3500 - Bioethics (4)
- PS 3340 - Public Policy and Health Care (4)
- PSY 2250 - Introduction to Life-Span Developmental Psychology (4)
- PSY 4979 - Seminar: Resilient Aging (4)
- SW 2301 - Introduction to Social Work (4)
- SW 3201 - Human Behavior and Social Environment (4)
- SW 3302 - Social Welfare Policies (4)

Social Work, B.S.W.

Requirements for the major in social work, Bachelor of Social Work (BSW) program

Admission to the Bachelor of Social Work degree program is based on the following criteria: a minimum overall GPA of 2.80 and completion of all program prerequisite courses: SOC 1000, PSY 1000, PS 1100, BIO 1002/ BIO 1200¸ with a grade of 2.0 or higher; completion of SW 2301 with a grade of 3.0 or higher; experience in the human services field (employment or volunteer work including work completed for SW 2301); two letters of reference and a personal written statement from students.

To earn a major in social work, students must complete a pre-core of 28 credits and a minimum of 48 credits in the core social work curriculum. To remain in good academic standing while in the program, students must maintain a minimum cumulative GPA of 3.00 in the following major courses: SOC 2010, SOC 2020, SW 3101 , SW 3201, SW 3302 / SOC 3220, SW 3203, SW 3102, SW 4103, SW 4203, SW 4970, SW 4971, as well as an overall GPA of 2.80.

Pre-core - 28 credits

1. Required courses

- SOC 1000 - Introduction to Sociology (4)

- SW 2301 - Introduction to Social Work (4)
- BIO 1002 - Human Biology (4) or BIO 1200 - Biology I (4)
- PSY 1000 - Introduction to Psychology (4)
- PS 1100 - Introduction to American Politics (4)

2. Corequisites (may be taken concurrently with major coursework)

- AN 1111 - Culture and Human Nature (4)

Sociology/criminal justice/social work elective selected from

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- CRJ 1100 - Introduction to Criminal Justice (4)
- SOC 3110 - Human Sexuality (4)
- SOC 3230 - Alcohol, Drugs and Society (4)
- SOC 3600 - Social Stratification (4)
- SOC 3420 - Sociology of Religion (4)
- SOC 3240 - Delinquency and Juvenile Justice (4)
- SOC 3410 - Family and Community Processes (4)
- SOC 3450 - Police and Society (4)
- SOC 3610 - Racial and Ethnic Relations (4)
- SOC 3400 - Sociology of Family (4)
- SOC 3100 - Interpersonal Relationships (4)
- SOC 3210 - Sociological Perspectives on Aging (4)
- SW 3312 - Death and Dying (4)
- SW 3313 - Child Welfare (4)
- SW 3112 - Substance Abuse Theory and Practice I (4)

Core - 48 credits

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1. Required courses

- SOC 2010 - Introduction to Methods of Social Research (4)
- SOC 2020 - Social Statistics with Computer Applications (4)
- SOC 3220 - Social Welfare Policies (4) or SW 3302 - Social Welfare Policies

The following courses require formal acceptance into the social work program:

- SW 3101 - Human Behavior and Social Environment (4)
- SW 3201 - Human Behavior and Social Environment (4)
- SW 3203 - Fundamentals of Social Work Practice (4)
- SW 3102 - Foundations for Multicultural Social Work (4)
- SW 4103 - Social Work Practice I (4)
- SW 4203 - Social Work Practice II (4)
- SW 4950 - Social Work Internship I (2)
- SW 4970 - Social Work Seminar I (4)
- SW 4951 - Social Work Internship II (2)
- SW 4971 - Social Work Seminar II (4)

2. One diversity course selected from

- SOC 3610 - Racial and Ethnic Relations (4)
- WGS 1000 - Introduction to Women and Gender Studies (4)
- WGS 3010 - Introduction to LGBTQ Studies (4)

Notes

BIO 1002, BIO 1200, PSY 1000 and PS 1100 may be used to fulfill general education requirements. Either SOC 3610 or WGS 1000 may be used to fulfill the university's U.S. diversity requirement and the social work diversity requirement.

Students using this catalog to meet social work requirements may also use any course subsequently approved as satisfying the sociology or criminal justice elective or the diversity elective and published in a later catalog.

Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts and Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

Sociology Minor

Requirements for a liberal arts minor in sociology

To earn a minor in sociology, students must complete a minimum of 20 credits in sociology, distributed as follows:

1. Core course

- SOC 1000 - Introduction to Sociology **(4)**

2. A minimum of 16 additional credits in sociology, 12 of which must be at the 3000-4000 level

Sociology, B.A.

Requirements for the liberal arts major in sociology, B.A. program

To earn a Bachelor of Arts with a major in sociology, students must complete a minimum of 44 credits, 20 of which must be taken at the 3000-4000 level including:

1. Core

- SOC 1000 - Introduction to Sociology (4)
- SOC 2010 - Introduction to Methods of Social Research (4)
- SOC 2020 - Social Statistics with Computer Applications (4)
- SOC 4000 - Sociological Theory (4)
- SOC 4970 - Applying the Sociological Imagination (4)

2. One course from each of the following categories

Interaction processes

- SOC 2100 - Self and Society (4)
- SOC 3110 - Human Sexuality (4)
- SOC 3100 - Interpersonal Relationships (4)
- SOC 2110 - Small Groups (4)
- SOC 4800 - Queer Social Theory (4)

Social issues

- SOC 2200 - Current Social Problems (4)
- SOC 2220 - Sociology of Mental Illness (4)
- SOC 3230 - Alcohol, Drugs and Society (4)
- SOC 3200 - Population and Society (4)
- SOC 3220 - Social Welfare Policies (4)
- SOC 3240 - Delinquency and Juvenile Justice (4)
- SOC 3210 - Sociological Perspectives on Aging (4)

Social institutions

- SOC 3420 - Sociology of Religion (4)
- SOC 3460 - Law and Society (4)
- SOC 3410 - Family and Community Processes (4)
- SOC 3450 - Police and Society (4)
- SOC 3430 - Sociology of Health and Medicine (4)
- SOC 3400 - Sociology of Family (4)
- SOC 3440 - Theories of Modern Organizations (4)

Social inequality and change

- SOC 3600 - Social Stratification (4)
- SOC 3610 - Racial and Ethnic Relations (4)
- SOC 3620 - Sociology of Gender (4)
- SOC 3630 - Social Movements (4)
- SOC 3640 - Urban and Community Sociology (4)

- SOC 3650 - Gender and Work (4)

3. Eight elective credits at the 3000-4000 level, four of which may include anthropology.

Notes

No more than 8 credits counted toward the sociology major may be taken in SOC 3905, SOC 3930, and SOC 4996.

Students using this catalog to meet sociology major requirements may also use any course subsequently approved as satisfying requirements in the interaction processes, social issues, social institutions, and social inequality and change categories and published in a later catalog.

Requirements for modified majors in sociology and/or anthropology with a linguistics concentration, B.A. program

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To earn a modified major in sociology with a concentration in linguistics, students must complete a minimum of 20 credits in sociology, including SOC 1000, SOC 2010, SOC 2020, SOC 4000, and a minimum of 20 credits in linguistics including LIN 2201, LIN 4303, LIN 4304, and either LIN 4403 or LIN 4404, and LIN 4312 or SOC 3830.

To earn a modified major in anthropology with a concentration in linguistics, students must complete AN 1511 and AN 1111, plus a minimum of 12 additional credits in anthropology and 20 credits in linguistics, including: LIN 2201, LIN 4303, LIN 4304, and either LIN 4403 or LIN 4404, and either AN 3830 or AN 3810.

Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts and Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

Sociology/Anthropology, B.A.

To earn a Bachelor of Arts with a combined major in sociology/anthropology, students must complete a minimum of 20 credits in sociology and 20 credits in anthropology including the following:

1. Sociology courses

- SOC 1000 - Introduction to Sociology (4)
- SOC 2010 - Introduction to Methods of Social Research (4)
- SOC 2020 - Social Statistics with Computer Applications (4)

2. Anthropology courses

- AN 1511 - Human and Cultural Evolution (4)
- AN 1111 - Culture and Human Nature (4)

3. One course chosen from

- SOC 4000 - Sociological Theory (4)
- AN 4391 - Anthropological Theory (4)

Note:

No more than 8 credits counted toward the major may be taken in AN 2000, AN 3000 ,AN 3930,or SOC/AN 4996.

Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements , the College of Arts and Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

Course Descriptions

AN 1111 - Culture and Human Nature (4)
Introduction to cultural and social anthropology with emphasis on the continuing human adaptation to the environment and especially the interactions among culture, society and natural environment. *Satisfies the university general education requirement in the social science knowledge exploration area or global perspective knowledge exploration area, not both. (Formerly AN 102)*

AN 1511 - Human and Cultural Evolution (4)
Introduction to physical anthropology and archaeology as applied to human and cultural evolution. Stress placed on human adaptation to environment. *Satisfies the university general education requirement in the social science knowledge exploration area. (Formerly AN 101)*

AN 2000 - Current Issues in Anthropology (1 OR 4)
Designed for the general student, this course examines issues of current interest in anthropology. Topic will be announced at the time of offering. (Formerly AN 190)

AN 2130 - Global Human Systems (4)
Introductory survey of the world-wide distribution, variation, and interconnections of cultural, economic and political systems. Basic concepts in the field of human geography and other social sciences, as relevant, are introduced as are techniques and tools used in carrying out and expressing geographic analysis. Identical with (IS 200 or IS 2000) and (GEO 200 or GEO 2000). *Satisfies the university general education requirement in the global perspective knowledge exploration area. (Formerly AN 200)*

AN 2140 - Applied Anthropology (4)
Introduces applied anthropology through an examination of cross-cultural training in various fields, such as business, education, economic development, cultural resource management and medical anthropology. Various data collection methods and techniques as well as interpretive strategies are examined. (Formerly AN 210)
Prerequisite(s): (AN 102 or AN 1111)

AN 3000 - Current Problems in Anthropology (4)
Seminar in which a topic or problem is studied in depth. Each seminar requires independent readings and writing. May be repeated for credit under different subtitle for up to 8 credits. (Formerly AN 392)
Prerequisite(s): (SOC 100 or SOC 1000) or (SOC 205 or SOC 2200) and instructor permission.

AN 3110 - Culture, Society and Technology (4)
Technology has played a critical role in all human evolution. This course provides an historical overview of the ways in which culture has shaped technology and how technology changes cultures. It emphasizes the impact of technology on modern cultures, especially technology emanating from the Western industrial revolution. *Satisfies the university general education requirement in the social science knowledge exploration area or the Western civilization knowledge exploration area, not both. (Formerly AN 300)*

AN 3120 - Psychological Anthropology (4)
Focuses on the relationship of culture and the individual; considers personality, perception, dreams, and other areas of psychological functioning in cross-cultural perspective and in relation to culture and personality theory. (Formerly AN 310)
Prerequisite(s): (AN 102 or AN 1111)

AN 3123 - Magic, Witchcraft and Religion (4)
Anthropological theories of magic, witchcraft and religion: human interaction with beings, creatures and forces that manifest extraordinary powers; folk beliefs of non-literate people; and transformation of social systems by religious movements. Identical with (REL 271 or REL 3460). (Formerly AN 271)
Prerequisite(s): (AN 102 or AN 1111)

AN 3127 - Racial and Ethnic Relations (4)
Identical with (SOC 331 or SOC 3610). *Satisfies the university general education requirement in U.S. diversity. Satisfies the university general education requirement in the knowledge applications integration area. Prerequisite for knowledge applications integration: completion of the general education requirement in the social science knowledge exploration area. (Formerly AN 331)*
Prerequisite(s): (SOC 100 or SOC 1000) or (SOC 205 or SOC 2200) or (AN 102 or AN 1111)

AN 3130 - The Life Course in Anthropological Perspective (4)
Socialization from infancy to old age will be considered with examples drawn from a variety of non-industrial societies as well as the literature on primates. Theories of human development across cultures will be viewed in light of this evidence. Identical with (WGS 305 or WGS 3840). (Formerly AN 305)

AN 3132 - Women's Lives in Cross-Cultural Perspective (4)
The lives of women in a variety of tribal and peasant societies, noting how beliefs, rituals and taboos shape the stages of the female life course and how culture influences women's reproductive and economic roles. Identical with (WGS 337 or WGS 3815). (Formerly AN 337)
Prerequisite(s): (AN 102 or AN 1111) or (WGS 200 or WGS 1000)

AN 3133 - The Food Quest (4)
Relationship of environment, subsistence activities and food-related technologies in a variety of non-industrial societies, including both of food collectors and food producers. Identical with (ENV 322 or ENV 3220). (Formerly AN 322)

AN 3140 - Culture and Society Through Film (4)
The systematic study of selected peoples from different cultures through the ethnographic film and appropriate readings, lectures and discussions. Students learn to evaluate cultural data according to various anthropological concepts and methodologies. (Formerly AN 307)

AN 3220 - Medical Anthropology (4)
Interaction between biological, ethnopsychiatric and sociocultural environments in health, illness and treatment. Includes historical, organizational, demographic, ecological and other problems in health care delivery. (Formerly AN 333)
Prerequisite(s): (AN 102 or AN 1111) or (SOC 100 or SOC 1000) or (PSY 100 or PSY 1000)

AN 3222 - Forensic Anthropology (4)
Broad overview of topics relevant to forensic anthropology, an applied field of physical anthropology, including basic anatomy and physiology of the human skeleton, various methods of analyzing skeletal remains, and other approaches used by the forensic anthropologist to aid in the identification of decomposed human remains. The role of the forensic anthropologist in matters of interest to law enforcement officials and the medicolegal community.
Prerequisite(s): (AN 101 or AN 1511) or (CRJ 100 or CRJ 1100) or permission of instructor.

AN 3230 - Law and Society (4)
Identical with (SOC 320 or SOC 3460). (Formerly AN 320)
Prerequisite(s): (AN 102 or AN 1111) or (SOC 100 or SOC 1000) or (SOC 205 or SOC 2200)

AN 3240 - World Regional Geography (4)
Comparative study of the world's major geographic regions, applying data, methods and theory of geographical analysis. Students will acquire familiarity with these regions and the geographic factors that help to account for their similarities and differences Interaction between regions will also be examined. Identical with (IS 350 or IS 3000) and (GEO 350 or GEO 3000). (Formerly AN 350)
Prerequisite(s): (AN 200 or AN 2130) or (IS 200 or IS 2000) or (GEO 200 or GEO 2000)

AN 3250 - Peoples and Cultures of China (4)
An anthropological study of China, stressing the variety of cultural and ecological adaptations characteristic of that complex society. (Formerly AN 362)
Prerequisite(s): (AN 102 or AN 1111) or (IS 210 or IS 2100)

AN 3255 - Peoples and Cultures of India (4)
A survey of contemporary society and culture on the Indian subcontinent, with focus on India, Pakistan and Bangladesh; emphasis on social structure, folk religion and the problems of socio-cultural change. (Formerly AN 361)
Prerequisite(s): (AN 102 or AN 1111) or (IS 240 or IS 2400)

AN 3260 - Peoples and First Nations of North America (4)
The cultures of certain Native Americans and Inuit (Eskimo) societies both in traditional times and in their relationship with Western society. *Satisfies the university general education requirement in U.S. diversity. (Formerly AN 381)*
Prerequisite(s): (AN 102 or AN 1111)

AN 3350 - Peoples and Cultures of Mexico and Central America (4)
Anthropological studies of Indian and Mestizo societies in Mexico and Guatemala, including their separate socio-economic patterns and their integration into a dualistic social system. (Formerly AN 371)
Prerequisite(s): (AN 102 or AN 1111) or (IS 250 or IS 2500)

AN 3360 - Indians of South America (4)
A survey of the native South Americans. Includes warriors of the jungles, peasants and herders of the mountains, nomads of the plains and forests, and subsistence fishermen of the southern coasts. (Formerly AN 372)
Prerequisite(s): (AN 102 or AN 1111) or (IS 250 or IS 2500)

AN 3381 - Anthropological Research Methods (4)
Techniques of anthropological research emphasizing field research methods in cultural anthropology. May include some field work practice. (Formerly AN 302)
Prerequisite(s): (AN 102 or AN 1111) or (SOC 100 or SOC 1000)

AN 3410 - Museum Studies in Archaeology (4)
The organization, goals and funding of archeological museums. Career preparation including hands-on practical experience in acquisitions, cataloging, preservation, display design and preparation, display evaluation, museum education and outreach programs. (Formerly AN 384)
Prerequisite(s): (AN 101 or AN 1511) or (AN 383 or AN 3581) or permission of instructor.

AN 3430 - The Archaeology of Civilizations (4)
Analysis of archaeological and written evidence to explain how civilizations developed and declined in the Old World and the New World. Examines cultural evolution from early farming and settlement to the rise and fall of complex civilizations. (Formerly AN 282)
Prerequisite(s): (AN 101 or AN 1511)

AN 3450 - Archaeology of North America (4)
Explores the archaeological heritage of North America beginning with founding prehistoric Native American populations and continuing into historical periods. (Formerly AN 380)
Prerequisite(s): (AN 101 or AN 1511)

AN 3460 - Pre-Columbian Art (4)
Identical with (AH 309 or AH 3060). (Formerly AN 309)
Prerequisite(s): 4 credits in art history or (IS 250 or IS 2500)

AN 3463 - Native American Art (4)
Identical with (AH 308 or AH 3070). (Formerly AN 308)
Prerequisite(s): 4 credits in art history.

AN 3550 - Archaeology of Mesoamerica (4)
The pre-Hispanic culture of Mexico and Guatemala, the Aztecs and Mayas, and their neighboring and derivative cultures. Detailed discussion of the major archaeological sites. (Formerly AN 370)
Prerequisite(s): (AN 101 or AN 1511) or (AN 102 or AN 1111)

AN 3560 - Historical Archaeology (4)
Study of historic cultures, lifeways, and processes of change through combined analysis of documents and material culture, such as settlement patterns, architecture, gravestones, and excavated ceramics, glass, or metal. Special attention given to intersecting cultural structures of gender, race, ethnicity, and class. Identical with (WGS 385 or WGS 3826). *Satisfies the university general education requirement in the knowledge application integration area. Prerequisite(s) for knowledge application integration: completion of the university general education requirement in the social science knowledge exploration area. Satisfies the university general education requirement in U.S. diversity.* (Formerly AN 385)
Prerequisite(s): (AN 101 or AN 1511) or (AN 102 or AN 1111) or (WGS 200 or WGS 1000) or permission of instructor.

AN 3562 - Archaeology of Israel (4)
Ancient cultures found in the ancient Near East with an emphasis on ancient Israel, the history of archaeological research in Israel and the region. Periods reviewed and case studies include the Neolithic (c. 10,000 BCE) to the early Roman Period (c. 1st century CE). (Formerly AN 386)

AN 3563 - Archaeology, Ideology and Sacred Sites in the Ancient Near East (4)
Archaeology of sacred sites in the wider Near East beginning in the Neolithic period. Anthropological models concerning the archaeology of religion as a discipline are explored. Case studies include sacred sites relevant to Judaism, Christianity and Islam with an emphasis on the history of Jerusalem. (Formerly AN 387)

AN 3571 - Archaeological Methods and Theory (4)
Introduces the field of anthropological archaeology through examination of theory, data collection methods and techniques, and interpretive strategies used to understand human histories, life-ways and cultural processes. (Formerly AN 222)
Prerequisite(s): (AN 101 or AN 1511)

AN 3581 - Archaeological Field School (4 OR 8)
Instruction and field research including site location, excavation, artifact analysis, and conservation. May be repeated for a total of 8 credits, at least 4 of which must be at an approved U.S. archaeological field school. (Formerly AN 383)
Prerequisite(s): Permission of instructor.

AN 3620 - Primate Behavior (4)
Various bio-social factors that aid the nonhuman primates in their adaptation to the environment, implications for human behavior, classroom discussions and field studies. (Formerly AN 391)
Prerequisite(s): (AN 101 or AN 1511) or (AN 102 or AN 1111) or (PSY 100 or PSY 1000) or (SOC 100 or SOC 1000)

AN 3720 - Human Adaptation (4)
Examines current theory on the cultural and biological adaptation of human groups to natural and social environments. Identical with (ENV 410 or ENV 4100). (Formerly AN 410)
Prerequisite(s): (AN 101 or AN 1511), (AN 102 or AN 1111), or (AN 322 or AN 3133)

AN 4810 - Language and Culture (4)
Identical with (ALS 375 or ALS 4375). (Formerly AN 375)

AN 4830 - Cross-Cultural Communication (4)
Identical with (ALS 374 or ALS 4374). *Satisfies the university general education requirement in U.S. diversity.* (Formerly AN 374)

AN 3900 - Special Topics in Anthropology (4)
Study of a special topic for which no regular course offerings currently exist. May be repeated for credit under different subtitle. May be used for approved course work taken during study abroad. (Formerly AN 395)
Prerequisite(s): Anthropology major or permission of instructor.

AN 3930 - Field Experience in Anthropology (4)
Field experience in anthropology with faculty supervision. An academic project related to the departmental discipline that incorporates student performance in an occupational setting. May not be repeated for credit. (Formerly AN 399)
Prerequisite(s): Junior/Senior standing; 16 credits in anthropology, of which at least 8 must be at the 3000-4000 level, and permission of the instructor.

AN 4320 - Social Anthropology (4)
Examines social structure and social organization in anthropological perspective. Entails the study of economic, political, religious and kinship systems in the social life of man. (Formerly AN 401)
Prerequisite(s): (AN 102 or AN 1111)

AN 4330 - Systems of Wealth and Power in Anthropological Perspective (4)
Concepts and methods of political and economic anthropology, emphasizing the interrelated state of political and economic phenomena, with particular reference to pre-industrial, non-Western societies. (Formerly AN 430)
Prerequisite(s): (AN 102 or AN 1111)

AN 4391 - Anthropological Theory (4)
Surveys the major developments in the history of anthropological theory and traces their impact on present trends in the field. Introduces current theoretical perspectives. *Satisfies the university general education requirement for the capstone experience. Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement.* (Formerly AN 470).
Prerequisite(s): (AN 102 or AN 1111) and junior/senior standing or permission of instructor.

AN 4720 - Advanced Physical Anthropology (4)
The emergence and diversification of the human species in relation to the morphology and ecology of both modern and fossil man, including physical and physiological variation (sex, race and age), climatic adaptation and population genetics. (Formerly AN 382)
Prerequisite(s): (AN 101 or AN 1511)

AN 4996 - Independent Study and Research (2 OR 4)
A tutorial in which the student will pursue a course of reading and research with the instructor. May be repeated only once for credit. (Formerly AN 480)
Prerequisite(s): Permission of instructor.

AN 4997 - College Teaching Apprenticeship (2 OR 4)
Supervised participation in teaching an undergraduate course in anthropology, combined with readings and discussion of teaching objectives and methods appropriate for anthropological presentation. May be taken once for credit toward a major. (Formerly AN 497)
Prerequisite(s): Permission of instructor.

CRJ 1100 - Introduction to Criminal Justice (4)
Introduction to the study of crime and criminal justice in the United States. Provides an overview of crime statistics, types of offenses, police roles, courts and correctional agencies, and public policy. Includes a comparison of street crime with white-collar crime. Required for all majors and minors in criminal justice. (Formerly CRJ 100)

CRJ 2100 - Criminological Theory (4)
Provides foundational knowledge about criminological theory essential for success in more advanced criminal justice courses. Topics include the origins of criminology in the U.S. and both classical and contemporary criminological theoretical approaches to the study of crime, crime causation, and crime control strategies. (Formerly CRJ 200)
Prerequisite(s): (CRJ 100 or 1100).

CRJ 3223 - Delinquency and Juvenile Justice (4)
Overview of the nature and types of delinquency, its relation to adolescence and the social situation, processing by the juvenile justice system. Examines juvenile court procedures, detention facilities, adjudication issues, life without parole sentences, delinquency prevention, treatment programs. Identical with (SOC 323 or SOC 3240). (Formerly CRJ 323)
Prerequisite(s): (CRJ 200 or CRJ 2100).

CRJ 3224 - Corrections and Rehabilitative Institutions (4)
Overview of prison and correctional systems in the U.S. Includes reviews of the historical development and current issues in corrections, including sentencing practices, overcrowding, race relations, budget constraints, substance abuse. Explores ways in which these problems are addressed by criminal justice practitioners. (Formerly CRJ 324)
Prerequisite(s): (CRJ 200 or CRJ 2100).

CRJ 3227 - Police and Society (4)
Examines the history and role of the police in modern society. Special attention given to analyzing the police subculture and problems inherent in the control of the citizenry and police, handling special populations, the police as a quasi-militaristic bureaucracy, surveillance techniques on the police organization and issues of police deviance. Identical with (SOC 327 or SOC 3450). (Formerly CRJ 327)
Prerequisite(s): (CRJ 200 or CRJ or 2100).

CRJ 3229 - Criminal Law and the Courts (4)
Overview of the criminal law and sentencing within the U.S. criminal justice system. Focuses on criminal law and procedures as it relates to the processing of criminal offenders by the courts. The roles of judges, court officers, jury and attorneys are described and analyzed in the context of their professional matrix. Identical with (SOC 329 or SOC 3850). (Formerly CRJ 329)
Prerequisite(s): (CRJ 200 or CRJ 2100).

CRJ 3300 - Alcohol, Drugs and Society (4)
Overview of the sociology of substance use and abuse. Reviews sociological perspectives, social control of alcohol and drugs, descriptions of alcohol/drug behavior and treatment programs. Explores how substance abuse problems can be addressed by policy makers, lawmakers, health care professionals, and criminal justice officials. Identical with (SOC 300 or SOC 3230). (Formerly CRJ 300)
Prerequisite(s): (CRJ 100 or CRJ 1100) or (SOC 100 or SOC 1000).

CRJ 3320 - Criminology and Public Policy in Criminal Justice (4)
Overview of problems conducting research and policy evaluation in criminal justice agencies, including history of policy research and deterrence, rehabilitation, gun control, sex offenders, drug use/prevention, sentencing practices, mass incarceration, community based-corrections and democratic policing. (Formerly CRJ 320)
Prerequisite(s): (CRJ 200 or CRJ 2100).

CRJ 3330 - Women, Crime and Justice (4)
Exploration of various issues related to women's experiences with the criminal justice system as offenders, victims, and practitioners. Uses feminist criminological scholarship to examine: the historical place of women in the study of crime, explanations of men's and women's offending, the relationship between women's victimization and offending behaviors, and the role of women in traditionally male-dominated criminal justice careers. Identical with (WGS 330 or WGS 3812). (Formerly CRJ 330)
Prerequisite(s): (CRJ 100 or CRJ 1100) or (WGS 200 or WGS 1000).

CRJ 3332 - Race/Ethnicity, Crime and Justice (4)
Socio-historical analysis of the effects of race and ethnicity on legitimate social opportunities, criminal behavior, victimization, and differential judicial processing. Analysis of the impact of assimilation and acculturation on criminal behavior, victimization, and criminal justice processes. (Formerly CRJ 332)
Prerequisite(s): (CRJ 100 or CRJ 1100).

CRJ 3340 - White-Collar Crime (4)
Overview of white-collar crime and deviance, corporate and organizational crime, and political crimes both by and against the state. (Formerly CRJ 340)
Prerequisite(s): (CRJ 100 or CRJ 1100).

CRJ 3341 - Cybercrime (4)
Overview of cybercrime from a criminal justice perspective. Examines types of computer and cybercrimes, the hacker subculture, cybercrime prevention, information security and investigative methodologies, and the legal and social issues (e.g., jurisdiction, privacy) inherent in detection and control. (Formerly CRJ 341)
Prerequisite(s): (CRJ 100 or CRJ 1100).

CRJ 3342 - The Surveillance Society (4)
Explores the development and significance of surveillance as a feature of modern society, how surveillance has changed over time with the development of new technologies, its presence in everyday life and different social institutions and contexts and the degree to which surveillance enhances social participation or social control in society. Identical with (SOC 342 or SOC 3860) (Formerly CRJ 342)
Prerequisite(s): (CRJ 100 or CRJ 1100) or (SOC 100 or SOC 1100).

CRJ 3346 - Profiling and Threat Assessment (4)
Critical examination of criminal profiling including crime scene, psychological, and offender profiling. Discusses ethnic, racial, and behavioral profiling, equivocal death analysis and the geographical profiling of serial killers and rapists. Reviews threat assessment models as applied to school shooters, stalking behavior and terrorists with emphasis on the empirical validity of intelligence analysis. (Formerly CRJ 346)
Prerequisite(s): (CRJ 200 or CRJ 2100).

CRJ 3347 - Neighborhoods, Schools and Crime (4)
Detailed exploration of criminological and sociological theories and research on the importance of neighborhood and school settings for crime and victimization. Ways in which social and structural contexts are associated with crime, delinquent behavior, and victimization.
Prerequisite(s): (CRJ 100 or CRJ 1100)

CRJ 3348 - Terrorism and Homeland Security (4)
Examines the threat of terrorism within U.S. borders, countermeasures employed to protect critical infrastructures and the key resources of homeland security. Critically reviews the effectiveness of anti-terror and counter-terror strategy and tactics. (Formerly CRJ 348)
Prerequisite(s): (CRJ 200 or CRJ 2100).

CRJ 3349 - Applied Intelligence (4)
Applications of basic elements of intelligence: collection, analysis, dissemination, counterintelligence, and covert methods.
Prerequisite(s): (CRJ 100 or CRJ 1100)

CRJ 3350 - Introduction to Security (4)
Focuses on the basic principles and concepts used by security professionals.
Prerequisite(s): (CRJ 100 or CRJ 1100).

CRJ 3351 - Geography of Crime (4)
Examines the structural and social determinants of crime across geographic places and considers the spatial distribution of crime and victimization.
Prerequisite(s): (CRJ 100 or CRJ 1100).

CRJ 3360 - Crime and the Life Course (4)
Overview of types of juvenile and adult criminal careers. Examines patterns of offending and desistance across the life course, and the individual, cultural, and structural factors that influence motivations and opportunities for both offending and desistance. (Formerly CRJ 360)
Prerequisite(s): (CRJ 200 or CRJ 2100)

CRJ 3365 - Critical Incident Analysis (4)
Analysis of critical incidents: relatively brief and usually traumatic occurrences involving injury, loss, conflict, discovery or change of significant proportion with the potential to alter existing societal norms or threaten the bonds of trust that bind communities. Examines the types of incidents (natural events, human error/accidents, intentional acts/terrorism), and the responses at the local, state, and national levels to understand similarities and differences among incidents. (Formerly CRJ 365)
Prerequisite(s): (CRJ 100 or CRJ 1100).

CRJ 3905 - Special Topics in Criminal Justice (4)
Study of a special topic for which no regular course offerings currently exist. May be repeated for credit under a different subtitle. (Formerly CRJ 395)
Prerequisite(s): (CRJ 100 or CRJ 1100), Criminal justice major or minor or permission of instructor.

CRJ 4950 - Internship in Criminal Justice (4)
Field placement and supervision of students in an approved criminal justice agency requiring the completion of associated course work to receive academic credit. *Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement.* (Formerly CRJ 430)
Prerequisite(s): all required and core classes for the major and approval of director of field placement.

CRJ 4970 - Capstone: Criminal Justice Policy Analysis (4)
Capstone seminar in which students demonstrate the ability to link theoretical knowledge and empirical evidence about a key criminal justice question to inform and improve public policy. (Formerly CRJ 490). Satisfies the university general education requirement for the capstone experience. *Satisfies the university general education requirement for the capstone experience. Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement.*
Prerequisite(s): (CRJ 200 or CRJ 2100) and (CRJ 430 or CRJ 4950), and senior standing.

CRJ 4996 - Independent Study and Research (2 OR 4)
Directed individual reading and research. (Formerly CRJ 480)
Prerequisite(s): Permission of instructor.

CRJ 4997 - College Teaching Apprenticeship (2 OR 4)
Supervised participation in teaching an undergraduate course in criminal justice combined with readings and discussion of teaching objectives and methods appropriate for presentation of criminal justice curriculum. May be taken only once for credit toward a major. (Formerly CRJ 497)
Prerequisite(s): Criminal justice major and permission of instructor.

CRJ 4998 - Capstone Level Project (4)
Qualifies as a capstone experience in the major. Course content to be determined by instructor.(Formerly CRJ 495)
Prerequisite(s): Senior standing and permission of instructor.

SOC 1000 - Introduction to Sociology (4)
Introduction to the basic concepts of sociology relating to the study of people as participants in group life. Particular attention is given to culture, socialization and self development, social class, and major social institutions. *Satisfies the university general education requirement in the social science knowledge exploration area. Satisfies the university general education requirement in U.S. diversity*. (Formerly SOC 100)

SOC 2010 - Introduction to Methods of Social Research (4)
The collection, organization, analysis and interpretation of social data; elementary techniques of understanding and using quantitative evidence in sociological research. (Formerly SOC 202)
Prerequisite(s): (SOC 100 or SOC 1000).

SOC 2020 - Social Statistics with Computer Applications (4)
Introduction to social statistics emphasizing statistics and data analysis with the aid of computer-based statistical applications. Familiarizes students with the logic of behavioral statistics and the computation and interpretation of statistical analysis. (Formerly SOC 203)
Prerequisite(s): (SOC 100 or SOC 1000) and (SOC 202 or SOC 2010).

SOC 2100 - Self and Society (4)
Examines the reciprocal relationship between the individual and the group. Emphasizes the social roots of human nature, the self, social interaction, definitions of reality, socialization and social character. *Satisfies the university general education requirement in the social science knowledge exploration area.* (Formerly SOC 206)

SOC 2110 - Small Groups (4)
The study of small group relations and the informal understandings, codes and conventions that they generate. Considers dynamics of individuality, leadership, conformity and esprit de corps in a group setting. (Formerly SOC 402)
Prerequisite(s): (SOC 100 or SOC 1000) or (SOC 205 or SOC 2200).

SOC 2200 - Current Social Problems (4)
Presents sociological approaches to analyzing social problems. Particular attention is given to evaluation of the causes and consequences of social problems, as well as of their proposed solutions. (Formerly SOC 205)

SOC 2210 - The Sociology of Deviance (4)
An overview of the sociology of deviance, including theoretical approaches, the social construction of deviance, and contemporary empirical research. (Formerly SOC 330)
Prerequisite(s): (SOC 100 or SOC 1000) or (SOC 205 or SOC 2200).

SOC 2220 - Sociology of Mental Illness (4)
Examines social aspects of mental illness, such as impact of social inequalities, role of life stressors and supports, structures of confinement, self-help and human rights movements, narratives of experiences, trends of response to difference and distress. (Formerly SOC 222)
Prerequisite(s): (SOC 100 or SOC 1000) or (SOC 205 or SOC 2200).

SOC 3100 - Interpersonal Relationships (4)
Focuses on interdisciplinary research of social and personal relationships, concentrating on how scholars investigate relational phenomena; the development, maintenance and dissolution of relationships; relational or couple processes; and influences of networks, norms, gender, ethnicity and social structure. (Formerly SOC 337)
Prerequisite(s): (SOC 100 or SOC 1000) or (SOC 206 or SOC 2100).

SOC 3110 - Human Sexuality (4)
Examines human sexuality from a societal and interpersonal context. Includes methodological and conceptual issues in the study of sexuality; socialization and control of sexuality; sexuality as a social process; the influence of culture, race, and gender; and the social aspects of biological issues. (Formerly SOC 207) Identical with (WGS 207 or WGS 3830).
Prerequisite(s): (SOC 100 or SOC 1000) or (SOC 206 or SOC 2100) or (WGS 200 or WGS 1000) or (WGS 303 or WGS 3010).

SOC 3200 - Population and Society (4)
Examines population change from a national and international perspective. Emphasizes how race, class, and gender influence migration, fertility, and mortality. Provides an overview of how social factors influence population characteristics and affect the social world. (Formerly SOC 308) Identical with (WGS 308 or WGS 3860).
Prerequisite(s): (SOC 100 or SOC 1000) or (SOC 205 or SOC 2200) or (WGS 200 or WGS 1000).

SOC 3210 - Sociological Perspectives on Aging (4)
Recent sociological perspectives on aging: topics include status of persons approaching and past retirement age, family and community roles and relations, and occupational and political participation. (Formerly SOC 465)
Prerequisite(s): (SOC 100 or SOC 1000) or (SOC 205 or SOC 2200).

SOC 3220 - Social Welfare Policies (4)
Survey of the development of social welfare programs in the U.S. and internationally. Issues related to the problems of poverty, policy analysis and program evaluation related to social welfare in the U.S. and other countries are examined. *Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement.* (Formerly SOC 315) Identical with (SW 315 or SW 3302).
Prerequisite(s): (SOC 100 or SOC 1000) or (SW 210 or SW 2301).

SOC 3230 - Alcohol, Drugs and Society (4)
Overview of the sociology of substance use and abuse. Includes a review of sociological perspectives, social control of alcohol and drugs, descriptions of alcohol/drug behavior and treatment programs. Also explores ways in which substance abuse problems can be addressed by policy makers, health care professionals and practitioners in the field of substance abuse. (Formerly SOC 300) Identical with (CRJ 300 or CRJ 3300).
Prerequisite(s): (CRJ 100 or 1100) or (SOC 100 or SOC 1000).

SOC 3240 - Delinquency and Juvenile Justice (4)
Identical with (CRJ 323 or CRJ 3223). (Formerly SOC 323)
Prerequisite(s): (CRJ 100 or CRJ 1100).

SOC 3400 - Sociology of Family (4)
A sociological perspective on families, with emphasis on how larger social forces such as laws, education, and the economy influence individual families and families as a social institution. Topics include families throughout history, dating, mate selection, marriage, divorce, family violence, and family policy. Identical with (WGS 335 or WGS 3813). (Formerly SOC 335)
Prerequisite(s): (SOC 100 or SOC 1000) or (SOC 205 or SOC 2200).

SOC 3410 - Family and Community Processes (4)
Introduction to theories, methods, and research on community sociology. Emphasis on prevention and intervention in the community setting. Provides conceptual foundation of the field with an overview of the integration of theory, research, and practice in individual, family and community processes. Identical to (WGS 326 or WGS 3811). (Formerly SOC 326)
Prerequisite(s): (SOC 100 or SOC 1000) or (SOC 205 or SOC 2200) or (WGS 200 or WGS 1000).

SOC 3420 - Sociology of Religion (4)
An analysis of the social components of religious experience, meaning and behavior; emphasis on the relationship between organized religions and other social institutions and such processes as conversion, commitment, sectarianism, accommodation and secularization. (Formerly SOC 305) Identical with (REL 305 or REL 3400).
Prerequisite(s): (SOC 100 or SOC 1000) or (SOC 205 or SOC 2200)

SOC 3430 - Sociology of Health and Medicine (4)
The sociological study of medicine and the uses of sociology in medicine, definitions of health and illness, disease and death, health care occupations, medical malpractice, the organization of health services and trends in health and medicine. (Formerly SOC 328)
Prerequisite(s): (SOC 100 or SOC 1000) or (SOC 205 or SOC 2200).

SOC 3440 - Theories of Modern Organizations (4)
Emphasizes degree to which modern society is based upon formal organization. Topics include: theories of human organization, as well as the study of bureaucracies, features of organizations and the effects of organization on American culture. (Formerly SOC 381)
Prerequisite(s): (SOC 100 or SOC 1000) or (SOC 205 or SOC 2200).

SOC 3450 - Police and Society (4)
Identical with (CRJ 327 or CRJ 3227). (Formerly SOC 327)
Prerequisite(s): (CRJ 100 or CRJ 1100).

SOC 3460 - Law and Society (4)
Explores the concept of law and its expression in different societies and cultural contexts. The comparative development of legal institutions is studied in relationship to social structure. The organization of the legal system and profession is studied as related to the capacity of the law to affect behavior as an instrument of social control. (Formerly SOC 320). Identical with (AN 320 or AN 3230).
Prerequisite(s): (SOC 100 or SOC 1000) or (SOC 205 or SOC 2200) or (AN 102 or AN 1111).

SOC 3600 - Social Stratification (4)
In-depth examination of social inequalities. Uses classical theoretical perspectives and contemporary empirical research to examine sources and consequences of resource disparities due to class, race, gender, and other sociological dimensions. (Formerly SOC 301)
Prerequisite(s): (SOC 100 or SOC 1000) or (SOC 205 or SOC 2200).

SOC 3610 - Racial and Ethnic Relations (4)
A study of racial, ethnic and religious groups, particularly those of the U.S., emphasizing their historical development, problems of adjustment and assimilation and contemporary problems and trends. Identical with (AN 331 or AN 3127). *Satisfies the university general education requirement in U.S. diversity. Satisfies the university general education requirement in the knowledge applications integration area. Prerequisite for knowledge applications integration: completion of the general education requirement in the social sciences knowledge exploration area.* (Formerly SOC 331)
Prerequisite(s): (SOC 100 or SOC 1000) or (SOC 205 or SOC 2200) or (AN 102 or AN 1105).

SOC 3620 - Sociology of Gender (4)
The social construction of femininity and masculinity through social interaction and social institutions. Focus on education, family, media, politics, economy, and sport. Identical with (WGS 336 or WGS 3814). (Formerly SOC 336)
Prerequisite(s): (SOC 100 or SOC 1000) or (SOC 205 or SOC 2200) or (WGS 200 or WGS 1000).

SOC 3630 - Social Movements (4)
Examines the theoretical and empirical aspects of the origins, mobilization, organization, development and decline of social movements. Will focus on American, international and global social movements. (Formerly SOC 344)
Prerequisite(s): (SOC 100 or SOC 1000) or (SOC 205 or SOC 2200).

SOC 3640 - Urban and Community Sociology (4)
The social structure, culture and ecology of early and contemporary urban communities; institutional responses to the problems of modern urban life. (Formerly SOC 345)
Prerequisite(s): (SOC 100 or SOC 1000) or (SOC 205 or SOC 2200).

SOC 3650 - Gender and Work (4)
Research and theories on the role of gender in trends in employment, labor market opportunities, experiences, and rewards. Exploration of the gendered division of labor in society in both paid and unpaid work. Trends in household work and child care. Identical with (WGS 352 or WGS 3819). (Formerly SOC 352)
Prerequisite(s): (SOC 100 or SOC 1000) or (WGS 200 or WGS 1000).

SOC 3800 - Political Sociology (4)
Sociological factors that influence distribution of power within a society: political communication, maintenance of political consensus, the revolution process, the structure of political parties and the emergence of new states. (Formerly SOC 460)
Prerequisite(s): (SOC 100 or SOC 1000) or (SOC 205 or SOC 2200).

SOC 3810 - Forms and Effects of Mass Communication (4)
Techniques of disseminating ideas and information through the mass media; evaluation of the effect of mass media on values of individuals and policies of institutions. Identical with (COM 371 or COM 3604). (Formerly SOC 371)
Prerequisite(s): (SOC 100 or SOC 1000).

SOC 3820 - Social Control of Mass Media (4)
The major sociological factors that control the informational content of the mass media; differences between the structures and processes of control in the print and electronic sectors of the media. (Formerly SOC 373)
Prerequisite(s): (SOC 371 or SOC 3810).

SOC 3830 - Language and Society (4)
Identical with (ALS 376 or ALS 4376). (Formerly SOC 376)

SOC 3840 - Corrections and Rehabilitative Institutions (4)
Overview of prison and correctional systems in the U.S. Includes reviews of the historical development of corrections and current issues, including sentencing practices, overcrowding, race relations, budget constraints, AIDS and substance abuse. Explores ways in which these problems are addressed by criminal justice practitioners. (Formerly SOC 324)
Prerequisite(s): (CRJ 100 or CRJ 1100) or (SOC 100 or SOC 1000).

SOC 3850 - Criminal Law and the Courts (4)
Identical with (CRJ 329 or CRJ 3229). (Formerly SOC 329)
Prerequisite(s): (CRJ 100 or CRJ 1100).

SOC 3860 - The Surveillance Society (4)
Explores the development and significance of surveillance as a feature of modern society, how surveillance has changed over time with the development of new technologies, its presence in everyday life and different social institutions and contexts and the degree to which surveillance enhances social participation or social control in society. Identical with (CRJ 342 or CRJ 3342). (Formerly SOC 342)
Prerequisite(s): (CRJ 100 or CRJ 1100) or (SOC 100 or SOC 1000).

SOC 3905 - Special Topics in Sociology (4)
Study of a special topic for which no regular course offerings currently exist. May be repeated for credit under different subtitle. May be used for approved course work taken during study abroad. (Formerly SOC 395)
Prerequisite(s): sociology major or permission of instructor.

SOC 3930 - Field Experience in Sociology (4)
Field experience in sociology with faculty supervision. An academic project related to the departmental discipline that incorporates student performance in an occupational setting. May not be repeated for credit. (Formerly SOC 399)
Prerequisite(s): junior/senior standing; 16 credits in sociology, of which at least 8 must be at the 3000/4000 level, and permission of the instructor.

SOC 4000 - Sociological Theory (4)
Major theoretical foundations of sociology, including conceptual contributions of both classic and contemporary theorists. *Satisfies the university general education requirement for the capstone experience. Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement.* (Formerly SOC 400)
Prerequisite(s): (SOC 100 or SOC 1000) or (SOC 205 or SOC 2200).

SOC 4800 - Queer Social Theory (4)
Analysis and overview of queer theories and their contribution to understanding the social construction of identity. Focus on the deconstruction of sexuality and the transgression of conventional gender identity and performance. Identical with (WGS 404 or WGS 4010). (Formerly SOC 404)
Prerequisite(s): (SOC 100 or SOC 1000), (WGS 200 or WGS 1000), or (WGS 303 or WGS 3010).

SOC 4950 - Internship in Sociology (2 OR 4)
Field placement and supervision of students in a community agency. Introduces interns to employment possibilities while they receive valuable field experience and build community contacts. (Formerly SOC 430)
Prerequisite(s): sociology major and instructor permission.

SOC 4970 - Applying the Sociological Imagination (4)
Revisits themes in race, class, gender, and inequality to explore ways they can be applied beyond the institution of the university. Addresses practical skills related to careers that draw on the sociology degree. Restricted to sociology majors. (Formerly SOC 401)
Prerequisite(s): (SOC 202 or SOC 2010), (SOC 203 or SOC 2020) or (SOC 400 or SOC 4000); (SOC 400 or SOC 4000) may be taken concurrent with (SOC 401 or SOC 4970).

SOC 4996 - Independent Study and Research (2 OR 4)
Directed individual reading and research. (Formerly SOC 480)
Prerequisite(s): permission of instructor.

SOC 4997 - College Teaching Apprenticeship (2 OR 4)
Supervised participation in teaching an undergraduate course in sociology, combined with readings and discussion of teaching objectives and methods appropriate for sociological presentation. May be taken only once for credit toward a major. (Formerly SOC 497)
Prerequisite(s): senior sociology major and permission of instructor.

SW 2301 - Introduction to Social Work (4)
Study of the social work profession and the social context of welfare policies; the relationships between social structure and the development of social work practice; and public and private welfare organizations. (Formerly SW 210)
Prerequisite(s): (SOC 100 or SOC 1000) or (PSY 100 or PSY 1000).

SW 3101 - Human Behavior and Social Environment (4)
Theories of human behavior and social environment. Examines biological, psychological, social, spiritual development in humans from birth to adolescence. Social systems theory is applied to analyze interactions between human behavior and social institutions. Explores role of culture, race, ethnicity, social class, gender, sexual orientation in human development and behavior. (Formerly SW 310)
Prerequisite(s): formal admission to social work program.

SW 3102 - Foundations for Multicultural Social Work (4)
Prepares students to work with multicultural and diverse populations. Emphasis on defining and developing skills for culturally competent social work generalist practice. (Formerly SW 318)
Prerequisite(s): formal acceptance into the social work program.

SW 3112 - Substance Abuse Theory and Practice I (4)
Comprehensive overview of the etiology of addiction and introduction to theoretical approaches used in prevention, intervention, and treatment. Examines the psychological, historical, cultural, social, biological, and medical perspectives of substance abuse and addiction. (Formerly SW 364)
Prerequisite(s): (SOC 100 or SOC 1000) or (PSY 100 or PSY 1000) or (CRJ 100 or CRJ 1100) or (SW 210 or SW 2301).

SW 3201 - Human Behavior and Social Environment (4)
Presents theories of human behavior and social environment. Examines biological, psychological, social, spiritual development in humans from early to late adulthood. Social systems theory is applied to analyze interactions between human behavior and social institutions. Explores role of culture, race, ethnicity, social class, gender, sexual orientation in human development and behavior. (Formerly SW 311)
Prerequisite(s): (SW 310 or SW 3101).

SW 3203 - Fundamentals of Social Work Practice (4)
Fundamental social work methods including documentation, listening skills, interviewing skills, relationship building, boundary setting and case management. Completion of a service learning requirement in preparation for internship. (Formerly SW 316)
Prerequisite(s): formal acceptance into the social work program.

SW 3212 - Substance Abuse Theory and Practice II (4)
Continuation of (SW 364 or SW 3112). Theoretical approaches to counseling and its practical applications in a variety of settings. Evidence-based treatments and different levels of counseling. Values, ethical and legal considerations, and professional organizations. (Formerly SW 365)
Prerequisite(s): (SW 364 or SW 3112).

SW 3302 - Social Welfare Policies (4)
Survey of the development of social welfare programs in the U.S. and internationally. Issues related to the problems of poverty, policy analysis and program evaluation related to social welfare in the U.S. and other countries are examined. *Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement. Identical with (SOC 315 or SOC 3220).* (Formerly SW 315)
Prerequisite(s): (SOC 100 or SOC 1000) or (SW 210 or SW 2301).

SW 3312 - Death and Dying (4)
Interdisciplinary exploration of death and dying, focusing primarily on psychosocial, mental health, behavioral, and ethical issues. (Formerly SW 358)
Prerequisite(s): (SOC 100 or SOC 1000) or (PSY 100 or PSY 1000) or (SW 210 or SW 2301).

SW 3313 - Child Welfare (4)
Examination of the field of child welfare in a theoretical and practice perspective, exploring the nature of at-risk families and the role of social work services for abused and neglected children; current issues in child welfare and interventions as they relate to social work in child welfare settings. (Formerly SW 360)
Prerequisite(s): Social work major.

SW 3905 - Special Topics in Social Work (2 TO 4)
Special topic for which no course offerings currently exist. May be repeated for credit under different subtitle. (Formerly SW 395)
Prerequisite(s): social work major or permission of instructor.

SW 4103 - Social Work Practice I (4)
Prepares students for generalist social work practice involving individuals, families, other groups. Emphasizes how to engage clients, assess needs, provide intervention, terminate intervention, evaluate outcomes. Provides conceptual framework for practicing social work in diverse settings; prepares students with skills for field placement; presents students values, ethical standards of the profession. (Formerly SW 405)
Prerequisite(s): (SW 316 or SW 3203).
Corequisite(s): (SW 430 or SW 4950), (SW 431 or SW 4970).

SW 4203 - Social Work Practice II (4)
Prepares students for generalist social work practice involving task groups, organizations, communities. Focus on critical thinking about clients in context of larger environment; analyzing relevant interactions within groups, organizations, communities; analyzing operation of groups from political, economic, social perspectives. Examines issues of discrimination, social justice, institutional racism. (Formerly SW 406)
Prerequisite(s): (SW 405 or SW 4103).
Corequisite(s): (SW 432 or SW 4951), (SW 433 or SW 4971).

SW 4950 - Social Work Internship I (2)
Field placement in social service agency in which students are supervised by professional social workers. Students learn how to handle process notes, develop interviewing skills, investigate community resources, and interpret agency policies. (Formerly SW 430)
Prerequisite(s): (SW 316 or SW 3203).
Corequisite(s): (SW 405 or SW 4103), (SW 431 or SW 4970).

SW 4951 - Social Work Internship II (2)
Second field placement in a social service agency in which students are supervised by professional social workers. Students learn how to handle process notes, develop interviewing skills, investigate community resources, and interpret agency policies. (Formerly SW 432)
Prerequisite(s): (SW 405 or SW 4103), (SW 430 or SW 4950) and (SW 431 or SW 4970).
Corequisite(s): (SW 406 or SW 4203), (SW 433 or SW 4971).

SW 4970 - Social Work Seminar I (4)
Students present and analyze field experiences to develop capacity for self-awareness; development and appropriate application of social work knowledge, values, skills. Review of helping process, generalist practice, theoretical foundations. Prepares students to work with diverse and at-risk clients. Lays foundation for continuing professional development. Weekly seminar accompanies first-semester internship. (Formerly SW 431)
Prerequisite(s): (SW 316 or SW 3203).
Corequisite(s): (SW 405 or SW 4103), (SW 430 or SW 4950).

SW 4971 - Social Work Seminar II (4)
Weekly seminar held in conjunction with second semester of the social work internship. Students analyze field experiences to further enhance self-awareness, and the development and appropriate application of social work knowledge, values and skills in practice. Capstone course in which students complete a major integrative paper and portfolio. *Satisfies the university general education requirement for the capstone experience. Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly SW 433)*
Prerequisite(s): (SW 405 or SW 4103), (SW 430 or SW 4950) and (SW 431 or SW 4970).
Corequisite(s): (SW 406 or SW 4203) and (SW 432 or SW 4951).

SW 4996 - Independent Study and Research (2 OR 4)
In-depth study of a topic under the guidance of a faculty supervisor or participation in faculty member research. May be repeated for up to four credits.
Prerequisite(s): permission of instructor.

Women and Gender Studies Program

(248) 370-2154

Program Website

Director: *Jo Reger (Sociology)*

Women and Gender Studies Executive Committee: *Fabia Ursula Battistuzzi (Biological Sciences), Amy Banes-Berceli (Biological Sciences), Amy DeBaets (OUWB Biomedical Sciences), Ami Harbin (Philosophy and Women and Gender Studies), Erin A. Meyers (Communication and Journalism), Michele Parkhill Purdie (Psychology), George Sanders (Sociology), Anja Wieden (Modern Languages and Literatures)*

Chief adviser: *Jo Reger (Sociology)*

Women and Gender Studies is an interdisciplinary field devoted to the study of the dynamics of gender, sex and power. Particular attention is given to differences among women in various social and cultural contexts, the representation of women in literature, art and the media, and the conditions that promote and impede women's progress. In addition, women and gender studies puts gender, what it means to be feminine or masculine, a man or a woman, at the center of the analysis. This includes questioning how gender shapes societal participation, privileges, statuses, and experiences. Women and gender studies uses feminist methodologies and theories to describe and analyze the impact of social movements, historical events, public policy and other social forces on women and men. Specific attention is given to how gender intersects with race-ethnicity, class, sex, sexual identity, national identity and religion.

Program honors

To be a candidate for honors in women and gender studies, students must be graduating seniors who have taken a minimum of 20 credits of their women and gender studies major course work at Oakland University and have earned a minimum GPA of 3.60 in that coursework with an overall minimum GPA of 3.0.

Additional information

PA 5500 and PA 6500 are graduate level courses open to undergraduate students with instructor, and women and gender studies director permission.

Programs

- LGBTQ Studies Minor
- Women and Gender Studies Minor
- Women and Gender Studies, B.A.

LGBTQ Studies Minor

The minor in LGBTQ (Lesbian, Gay, Bisexual, Transgender, Queer) studies combines historical, social science, interpersonal and institutional investigations of sexualities, sexual identities and gender identities in U.S. and global contexts. The minor provides an overview to the subject, a theoretical framework and hands-on experience in the form of internships as well as examinations into culture and institutions such as education. To earn a minor in LGBTQ Studies, students must complete a minimum of 20 credit hours as follows:

Core:

- WGS 3010 - Introduction to LGBTQ Studies **(4)**
- WGS 4010 - Queer Social Theory **(4)**
- WGS 4931 - Field Experience in LGBTQ Studies **(4)**

8 credits from the following list:

- WGS 3814 - Sociology of Gender **(4)** or SOC 3620 - Sociology of Gender **(4)**
- WGS 3830 - Human Sexuality **(4)** or SOC 3110 - Human Sexuality **(4)**
- WGS 3827 - Media, Gender and Sexuality **(4)** or COM 3606 - Media, Gender and Sexuality **(4)**
- WGS 4810 - Sexual Orientation, Gender Identity and Education **(4)** or EST 5304 - Sexual Orientation, Gender Identity and Education **(4)**
- CNS 3020 - Lesbian, Gay, Bisexual and Transgender Issues in Counseling **(4)**
- COM 4602 - Sexuality and Communication **(4)**
- Students may petition to have additional courses such as WGS 3900 - Special Topics in Women and Gender Studies - count for the minor.

Note:

For students electing a major in Women and Gender Studies and a minor in LGBTQ, only 4 credits of course overlap between the two programs is allowed.

Women and Gender Studies Minor

Requirements for a liberal arts minor in women and gender studies

To earn a minor in women and gender studies, students must complete a minimum of 20 credits in women and gender studies distributed as follows:

a. Core courses

- WGS 1000 - Introduction to Women and Gender Studies **(4)** (minimum grade of 2.0 required)
- WGS 3020 - Feminist Theory **(4)** (minimum grade of 2.0 required)
- WGS 3030 - Methods of Feminist Analysis **(4)**

b. Eight WGS elective credits at the 3000 level or above

Courses must be chosen from the list of WGS electives offered for the women and gender studies major.

Women and Gender Studies, B.A.

Requirements for the liberal arts major in women and gender studies, B.A. program

The major requires a minimum of 40 credits in women and gender studies, distributed as follows:

1. Core courses

- WGS 1000 - Introduction to Women and Gender Studies (4)
- WGS 3020 - Feminist Theory (4)

- WGS 3030 - Methods of Feminist Analysis (4)
- WGS 4930 - Field Experience in Women and Gender Studies (4)
- WGS 4020 - Women and Gender Studies Capstone Course (4)

Note

Students must earn a grade of at least 2.0 in both WGS 1000 and WGS 3020.

2. Five courses selected from

- WGS 3010 - Introduction to LGBTQ Studies (4)
- COM 4203 - Women, Power, and Persuasion (4)
- COM 3405 - Gender Communication (4)
- WGS 3810 - Global Women, Global Issues (4)
- WGS 3811 - Family and Community Processes (4) or SOC 3410 - Family and Community Processes
- WGS 3812 - Women, Crime and Justice (4) or CRJ 3330 - Women, Crime and Justice (4)
- WGS 3813 - Sociology of Family (4) or SOC 3400 - Sociology of Family (4)
- WGS 3814 - Sociology of Gender (4) or SOC 3620 - Sociology of Gender (4)
- WGS 3815 - Women's Lives in Cross-Cultural Perspective (4) or AN 3132 - Women's Lives in Cross-Cultural Perspective (4)
- WGS 3816 - Women in Early Modern Europe (4) or HST 3365 - Women in Early Modern Europe, 1500-1789 (4)
- WGS 3817 - Gender Discrimination and the Supreme Court (4) or PS 3265 - Gender Discrimination and the Supreme Court (4)
- WGS 3818 - Women in Art (4) or AH 3720 - Women in Art (4)
- WGS 3819 - Gender and Work (4) or SOC 3650 - Gender and Work (4)
- WGS 3821 - History of American Families (4) or HST 3275 - History of American Families (4)
- WGS 3822 - History of African-American Women (4) or HST 3285 - History of African-American Women (4)
- WGS 3823 - Gender and Int'l Relations (4) or PS 3715 - Gender and Int'l Relations (4)
- WGS 3824 - Psychology of Gender (4) or PSY 3460 - Psychology of Gender (4)
- WGS 3825 - Women in China: Past and Present (4) or HST 3830 - Women in China: Past and Present(4)
- WGS 3826 - Historical Archaeology (4) or AN 3560 - Historical Archaeology (4)
- WGS 3827 - Media, Gender and Sexuality (4) or COM 3606 - Media, Gender and Sexuality (4)
- WGS 3828 - Gender Socialization in the Schools (4)
- WGS 3830 - Human Sexuality (4) or SOC 3110 - Human Sexuality (4)
- WGS 3840 - The Life Course in Anthropological Perspectives (4) or AN 3130 - The Life Course in Anthropological Perspective(4)
- WGS 3850 - Philosophy of Gender (4) or PHL 3100 - Philosophy of Gender (4)
- WGS 3860 - Population and Society (4) or SOC 3200 - Population and Society(4)

- WGS 3870 - Women and Politics (4) or PS 3210 - Women and Politics (4)
- WGS 3880 - Women in Modern America (4) or HST 3265 - Women in Modern America (4)
- WGS 3890 - Issues in Women's Health (4) or WHP 3250 - Issues in Women's Health (4)
- WGS 3900 - Special Topics in Women and Gender Studies (4)
- WGS 4010 - Queer Social Theory (4) or SOC 4800 - Queer Social Theory (4)
- WGS 4810 - Sexual Orientation, Gender Identity and Education (4)
- WGS 4995 - Directed Research in Women and Gender Studies (2 OR 4)
- WGS 4900 - Advanced Topics in Women and Gender Studies (4)

Notes

At least 28 credits counted towards the major must be at the 3000 level or above.

To remain in good standing, students must complete all other courses in the major with a cumulative grade point average of at least 2.00.

Students using this catalog to meet women and gender studies major requirements may also use any course subsequently approved as satisfying requirements in the electives category (requirement #2) and published in a later catalog.

For students electing a major in Women and Gender Studies and a minor in LGBTQ Studies, only 4 credits of course overlap between the two programs is allowed.

Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts and Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

Course Descriptions

WGS 1000 - Introduction to Women and Gender Studies (4)
Interdisciplinary and comparative overview of fundamental women and gender studies concepts and topics as they relate to history, culture, literature, economics, class, ethnicity, race, theories and methods. (Formerly (WGS 200). Satisfies the university general education requirement in the social science knowledge exploration area. Satisfies the university general education requirement in U.S. diversity.

WGS 3010 - Introduction to LGBTQ Studies (4)
Interdisciplinary and comparative overview of fundamental lesbian, gay, bisexual and transgender (LGBT) concepts as they relate to history, culture, literature, and theory. Particular focus on race, ethnicity, social class, and gender. (Formerly WGS 303). Satisfies the university general education requirement in the social science knowledge exploration area.

WGS 3020 - Feminist Theory (4)
Overview of variations in feminist theory with emphasis on current social issues. Includes analysis of categories such as gender, sexual identity, race/ethnicity and class. (Formerly WGS 320)
Prerequisite(s): (WGS 200 or WGS 1000).

WGS 3030 - Methods of Feminist Analysis (4)
Explores how connections among epistemologies, methodologies and research methods are formed in traditional disciplines. Feminist critiques of these epistemologies. Introduction to feminist critiques of research and to a range of research methods utilized by feminist scholars. (Formerly WGS 321)
Prerequisite(s): (WGS 200 or WGS 1000).

WGS 3810 - Global Women, Global Issues (4)
Examines lives of women in a global perspective. Takes an intersectional perspective that views gender, sex, race, nationality, ethnicity, religion and sexual orientation as influencing life opportunities. Focus on issues of health, war, religion, education, global economy and development. *Satisfies the university general education requirement in the global perspective knowledge exploration area or the social science knowledge exploration area, not both.* (Formerly WGS 302)

WGS 3811 - Family and Community Processes (4)
Identical with (SOC 326 or SOC 3410). (Formerly WGS 326)
Prerequisite(s): (SOC 100 or SOC 1000) or (SOC 205 or SOC 2200) or (WGS 200 or WGS 1000)

WGS 3812 - Women, Crime and Justice (4)
Identical with (CRJ 330 or CRJ 3330). (Formerly WGS 330)
Prerequisite(s): (CRJ 100 or CRJ 1100) or (WGS 200 or WGS 1000).

WGS 3813 - Sociology of Family (4)
Identical with (SOC 335 or SOC 3400). (Formerly WGS 335)
Prerequisite(s): (SOC 100 or SOC 1000) or (SOC 205 or SOC 2200).

WGS 3814 - Sociology of Gender (4)
Identical with (SOC 336 or SOC 3620). (Formerly WGS 336)
Prerequisite(s): (SOC 100 or SOC 1000) or (SOC 205 or SOC 2200).

WGS 3815 - Women's Lives in Cross-Cultural Perspective (4)
Identical with (AN 337 or AN 3132). (Formerly WGS 337)
Prerequisite(s): (AN 102 or AN 1111) or (WGS 200 or WGS 1000).

WGS 3816 - Women in Early Modern Europe (4)
Identical with (HST 339 or HST 3365). (Formerly WGS 339)
Prerequisite(s): (WRT 160 or WRT 1060).

WGS 3817 - Gender Discrimination and the Supreme Court (4)
Identical with (PS 343 or PS 3265). (Formerly WGS 343)

WGS 3818 - Women in Art (4)
Identical with (AH 351 or AH 3720). (Formerly WGS 351)
Prerequisite(s): (AH 101 or AH 1002) or (WGS 200 or WGS 1000).

WGS 3819 - Gender and Work (4)
Identical with (SOC 352 or SOC 3650). (Formerly WGS 352)
Prerequisite(s): (SOC 100 or SOC 1000) or (WGS 200 or WGS 1000).

WGS 3821 - History of American Families (4)
History of American families as social institutions, emphasizing the impact of historical events and trends upon family composition, family functions and family life. Includes research in the student's personal family history. Identical with (HST 361 or HST 3275). *Satisfies the university general education requirement in U.S. diversity.* (Formerly WGS 361)
Prerequisite(s): (WRT 160 or WRT 1060).

WGS 3822 - History of African-American Women (4)
Identical with (HST 362 HST 3285). *Satisfies the university general education requirement in U.S. diversity.* (Formerly WGS 362)
Prerequisite(s): (WRT 160 or WRT 1060).

WGS 3823 - Gender and Int'l Relations (4)
Identical with (PS 364 or PS 3715). (Formerly WGS 364)

WGS 3824 - Psychology of Gender (4)
Identical with (PSY 346 or PSY 3460). (Formerly WGS 374)
Prerequisite(s): (PSY 100 or PSY 1000) with a grade of 2.0 or higher.

WGS 3825 - Women in China: Past and Present (4)
Identical with (HST 375 or HST 3830). (Formerly WGS 375)
Prerequisite(s): (WRT 160 or WRT 1060) or equivalent with a grade of 2.0 or higher.

WGS 3826 - Historical Archaeology (4)
Satisfies the university general education requirement in the knowledge applications integration area. Prerequisite for knowledge applications integration: completion of the university general education requirement in the social science knowledge exploration area. Satisfies the university general education requirement in U.S. diversity. Identical with (AN 385 or AN 3560). (Formerly WGS 385)
Prerequisite(s): (AN 101 or AN 1511) or (AN 102 or AN 1111).

WGS 3827 - Media, Gender and Sexuality (4)
Identical with (COM 387 or COM 3606). (Formerly WGS 387)

WGS 3828 - Gender Socialization in the Schools (4)
(Formerly WGS 481)

WGS 3830 - Human Sexuality (4)
Identical with (SOC 207 or SOC 3110). Formerly WGS 207)
Prerequisite(s): (SOC 100 or SOC 1000) or (SOC 206 or SOC 2100).

WGS 3840 - The Life Course in Anthropological Perspectives (4)
Identical with (AN 305 or AN 3130). (Formerly WGS 305)

WGS 3850 - Philosophy of Gender (4)
Identical with (PHL 305 or PHL 3100). (Formerly WGS 307)
Prerequisite(s): (WRT 160 or WRT 1060) and one course in philosophy or one course in women and gender studies.

WGS 3860 - Population and Society (4)
Identical with (SOC 308 or SOC 3200). (Formerly WGS 308)
Prerequisite(s): (SOC 100 or SOC 1000) or (SOC 205 or SOC 2200).

WGS 3870 - Women and Politics (4)
Identical with (PS 311 or PS 3210). (Formerly WGS 311)

WGS 3880 - Women in Modern America (4)
Identical with (HST 322 or HST 3265). (Formerly WGS 322)
Prerequisite(s): (WRT 160 or WRT 1060).

WGS 3890 - Issues in Women's Health (4)
Examines medical, sociological, political and financial aspects of women's health issues. Includes an historical look at women's health in the U.S., the roles women have played in health care and the roles of women as health care providers. Identical with (WHP 325 WHP 3250). (Formerly WGS 325)

WGS 3900 - Special Topics in Women and Gender Studies (4)
Topics vary from year to year. May be repeated for additional credit under different subtitles. (Formerly WGS 301)

WGS 4010 - Queer Social Theory (4)
Identical with SOC 4800. (Formerly WGS 404)
Prerequisite(s): (SOC 100 or SOC 1000), (WGS 200 or WGS 1000), or (WGS 303 or WGS 3010).

WGS 4020 - Women and Gender Studies Capstone Course (4)
Provides students the opportunity to integrate their theoretical and practical work in women and gender studies. Students examine a subject using critical analysis and methodological skills, and demonstrate their abilities through class discussion, presentations and critical writing assignments. *Satisfies the university general education requirement for the capstone experience. Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement.* (Formerly WGS 405)
Prerequisite(s): junior or senior standing. 16 credits in women and gender studies courses including (WGS 320 or WGS 3020) and (WGS 321 or WGS 3030) or approval of women and gender studies director.

WGS 4810 - Sexual Orientation, Gender Identity and Education (4)
Examines the intersections of sexual orientation, gender identity and education from multiple perspectives. Analyzes current law and educational policy as they relate to lesbian, gay, bisexual and transgender students and families and introduces essentialist and constructivist concepts of sexuality. Immersion/service project required for 4 credits. (Formerly WGS 382). *Satisfies the university general education requirements in U.S. Diversity. Satisfies the university general education requirement for a writing intensive course in general education. Prerequisite for writing intensive: completion of the university writing foundation requirement.*

WGS 4900 - Advanced Topics in Women and Gender Studies (4)
Course content varies. Representative topics include research methods in women and gender studies. (Formerly WGS 401)

WGS 4930 - Field Experience in Women and Gender Studies (4)
Field experience in women and gender studies with faculty supervision. An academic project involving field work or community activism around an issue of importance in women and gender studies. May not be repeated for credit. (Formerly WGS 399). Prerequisite(s): junior/senior standing. Minimum of 16 credits in the major including (WGS 320 or WGS 3020), (WGS 321 or WGS 3030) or approval of women's studies director.

WGS 4931 - Field Experience in LGBTQ Studies (4)
Field experience in LGBTQ studies with faculty supervision. An academic project involving field work or community activism. May not be repeated for credit (Formerly WGS 398).
Prerequisite(s): junior or senior standing; (WGS 303 or WGS 3010) and (WGS 404 or WGS 4010) or approval of program director.

WGS 4995 - Directed Research in Women and Gender Studies (2 OR 4)
Directed individual study and advanced scholarly research in women and gender studies. (Formerly WGS 400)
Prerequisite(s): Approval of faculty adviser and women and gender studies director.

Department of Writing and Rhetoric

378 O'DOWD HALL
(248) 370-2746
Fax: (248) 370-2748

Department Website

Chairperson: *Lori Ostergaard*

Professors emeriti: *Barbara Hamilton, Alice S. Horning, Margaret Pigott*, *Ronald A. Sudol*

Associate professors: *Elizabeth G. Allan, Wallis May Andersen, Greg Giberson, Marshall W. Kitchens, Jim Nugent, Lori Ostergaard*

Assistant professors: *Felicia Chong, Jill Chrobak, David Hammontree, Megan Schoen, Crystal VanKooten, Josephine Walwema*

Special instructors: *Bernadette Dickerson, Kasia G. Kietlinska*

Special lecturers: *Glen Armstrong, Gania Barlow, Benjamin Bennett-Carpenter, Allison Bohn, Marilyn Borner, Karen Brehmer, Timothy Briggs, Matthew Burkett, Jennifer Coon, Charin Davenport, LaWanda Dickens, Colleen Doyle, Matthew Ferguson, Emily Francis, Emily Freeman, John Freeman, Laura Gabrion, Charlie Gragg, Tara Hendin, Lisa Hine, Catherine Jostock, Jenna Katz, Laura Klein, Amanda Laudig, Kathleen Lawson, Cindy Mooty, Donatella Perfetto, Cornelia Pokrzywa, Leba Rautbort, Lauren Rinke, Rebecca Rivard, Cathy Rorai, William Rouster, Sheryl Ruszkiewicz, Kathy Skomski, Craig Smith, Melissa St. Pierre, Jessica Tess-Navarro, Pamela Todoroff, Michaele Tomrell, Jason Torrente, Carol Trupiano*

Lecturers: *Laura Colbeck, Christina Hall, Shaun Moore, Sherry Wynn Perdue*

Chief adviser: *Jim Nugent*

Students of writing and rhetoric gain direct, practical experience with writing for a variety of audiences, purposes, contexts, and media. The department offers a minor and a major with three specializations: professional writing, writing for digital media, and writing studies. The professional writing track prepares students for careers in professional and technical writing, editing, and publishing. The writing for digital media track prepares students for careers in the fast-growing worlds of social media, online content development, web design, and digital media production. The writing studies track prepares students for graduate study in rhetoric and composition and for careers as writing teachers or tutors in higher education.

The department's first-year writing program helps students to develop fundamental skills in producing and understanding written texts, to gain fluency in writing for a variety of audiences and situations, and to become critical readers and skilled writers of print, digital and visual texts. In addition to sponsoring

the annual Writing Excellence Awards, the department supports a larger culture of writing through its connections to the Oakland University Writing Center and the Meadow Brook Writing Project.

Writing Foundations

Most students satisfy the university general education requirement in the writing foundations area by completing WRT 1060 with a grade of 2.0 or higher. Please consult the Writing Requirements section in the general education area of the catalog for alternate ways of fulfilling this requirement.

Placement

The ACT English (or SAT equivalent) score is the main mechanism used to place students in the writing foundations course (WRT 1060), and in any courses that students might need as a prerequisite to WRT 1060 as follows:

SAT Writing or Evidence-based Reading and Writing score of 620-800 (or ACT equivalent) or higher place students in WRT 1060 Composition II.
SAT Writing or Evidence-based Reading and Writing score of 410-610 (or ACT equivalent) place students in WRT 1050 Composition I.
SAT Writing or Evidence-based Reading and Writing score of 200-400 (or ACT equivalent) or below place students in WRT 1020 Basic Writing.

Placement by SAT (or ACT equivalent) score does not yield any course credit regardless of where students are placed.

Students with questions about placement in first year writing should consult the Department of Writing and Rhetoric, 378 O'Dowd Hall, 248-370-2746, prior to the beginning of the semester in which they plan to enroll in first year writing. Students are responsible for knowing registration deadlines and understanding the implications of schedule changes for their financial aid.

Departmental Honors

Writing and Rhetoric majors with a combined GPA of 3.6 in courses taken within the major will qualify for departmental honors.

Programs

- Writing and Rhetoric Minor
- Writing and Rhetoric, B.A.

Writing and Rhetoric Minor

Requirements for the liberal arts minor in writing and rhetoric

To earn a minor in writing and rhetoric, students must complete a minimum of 20 credits at the 2000 level or above. Only courses in which the student has earned a grade of 2.0 or higher may be counted toward the writing and rhetoric minor.

1. Core courses - 8 credits

a. One course from the following:

- WRT 2060 - Introduction to Writing Studies (4)
- WRT 2070 - Introduction to Writing for Digital Media (4)
- WRT 2080 - Introduction to Professional Writing (4)

b. One course from the following:

- WRT 3010 - Contemporary Issues in Writing and Rhetoric Studies (4)
- WRT 3020 - History of Rhetoric (4)
- WRT 3030 - Literacy, Technology, and Civic Engagement (4)

2. Twelve credits from additional WRT courses at the 2000 level or above

Note

Students using this catalog to meet writing and rhetoric minor requirements may also use any course subsequently approved as satisfying requirements in a particular group and published in a later catalog.

Writing and Rhetoric, B.A.

Requirements for the liberal arts major in writing and rhetoric, B.A. program

The major in writing and rhetoric requires a minimum of 40 credits in writing and rhetoric courses. Only courses in which the student has earned a grade of at least 2.0 or higher may be counted toward the writing and rhetoric major.

1. Twelve credits from core courses

- WRT 3010 - Contemporary Issues in Writing and Rhetoric Studies (4)
- WRT 3020 - History of Rhetoric (4)
- WRT 3030 - Literacy, Technology, and Civic Engagement (4)

2. Eight credits from WRT electives at the 2000 level or above

Students may substitute appropriate courses from other departments with permission of the Writing and Rhetoric Department chair.

3. Sixteen credits from one area of specialization

Choose either the professional writing, writing for digital media, or writing studies specialization. Students may substitute appropriate courses from other specializations within the major with the permission of the writing department chair.

a. Professional Writing

- WRT 2080 - Introduction to Professional Writing (4)

Plus three courses from

- WRT 3083 - Editing (4)
- WRT 3085 - Writing for Human Resource Professionals (4)
- WRT 3063 - Community Service Writing (4)

- WRT 4908 - Special Topics in Professional Writing (4)
- WRT 3081 - Science Writing (4)
- WRT 3082 - Business Writing (4)
- WRT 3086 - Workshop in Creative Non-Fiction (4)
- WRT 4086 - Advanced Creative Nonfiction (4)

b. Writing for Digital Media

- WRT 2070 - Introduction to Writing for Digital Media (4)

Plus three courses from

- WRT 3071 - Podcasting (4)
- WRT 3073 - Digital Storytelling (4)
- WRT 3070 - Digital Identity and Culture (4)
- WRT 3072 - Rhetoric of Web Design (4)
- WRT 3074 - Rhetoric and Video Games (4)

c. Writing Studies

- WRT 2060 - Introduction to Writing Studies (4)

Plus three courses from

- WRT 2065 - Advanced Writing: Art of Persuasion (4)
- WRT 3060 - Global Rhetorics (4)
- WRT 3062 - Writing Center Studies and Tutoring Practice (4)
- WRT 3063 - Community Service Writing (4)
- WRT 3064 - Writing About Culture: Ethnography (4)
- WRT 3900 - Special Topics in Writing Studies (2 OR 4)
- WRT 4060 - Teaching College Writing (4)
- WRT 4061 - Writing Across the University: Language and Disciplinary Culture (4)
- WRT 4997 - College Teaching Apprenticeship (2 OR 4)

4. One senior capstone course chosen from

- WRT 4998 - Capstone (4)

Note

Students using this catalog to meet writing and rhetoric major requirements may also use any course subsequently approved as satisfying requirements under the specialization elective categories and published in a later catalog.

Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts and Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

Course Descriptions

WRT 1000 - Supervised Study (1 OR 2)
Tutorial instruction in areas mutually agreed upon by student and instructor such as independent or academic writing projects. May be taken concurrently with other rhetoric courses (seven weeks or 14 weeks). May be repeated for up to 8 credits. Graded S/U. (Formerly WRT 104)

WRT 1020 - Basic Writing (4)
Developing writing skills including idea generation and invention, organizational strategies and conventional usage in expository prose. Emphasis on developing fluency and effective writing processes. May be repeated once for additional credit. Graded S/U. (Formerly WRT 102)
Corequisite(s): (WRT 104 or WRT 1000) if recommended by instructor after first class meeting.

WRT 1040 - Critical Thinking and Reading (4)
Analysis of main ideas and organizational patterns used in academic texts, synthesis of different passages for readers' own purposes, and evaluation of written and digital materials, focusing on non-fiction prose. Emphasis on developing flexible reading skills for personal and professional use. (Formerly WRT 140)

WRT 1050 - Composition I (4)
Emphasizes the rhetorical and stylistic demands of college writing through focus on experiential, analytical, and expressive writing. Students learn to generate, organize and develop their ideas and to make choices as writers that are appropriate to the rhetorical situation. A grade of 2.0 or higher must be achieved to advance to (WRT 160 or WRT 1060). (Formerly WRT 150)
Prerequisite(s): Placement by ACT English score, or (WRT 102 or WRT 1020) with a grade of 2.0 or higher.

WRT 1060 - Composition II (4)
Methods of writing and research including the use of rhetorical strategies and synthesis of scholarly sources to create academic arguments. Emphasizes processes of writing and revision with a focus on information literacy, critical thinking, and effective communication in diverse rhetorical contexts. A grade of 2.0 or higher must be achieved to satisfy the university general education requirement in the writing knowledge foundation area. (Formerly WRT 160)
Prerequisite(s): (WRT 150 or WRT 1050) with a grade of 2.0 or higher or placement.

WRT 2060 - Introduction to Writing Studies (4)
Survey of composition-rhetoric as an academic discipline, including an examination of the history, theory, research, curricula, and practices associated with composition-rhetoric in the university. (Formerly WRT 329)
Prerequisite(s): Completion of the university writing foundation requirement.

WRT 2065 - Advanced Writing: Art of Persuasion (4)
Students will read and write about and within increasingly complex rhetorical situations within chosen themes. Themes provide opportunity to explore new and emerging genres and contexts for writing, while gaining insight and experience with the importance of writing for various parts of society. (Formerly WRT 305)
Prerequisite(s): Completion of the university writing foundation requirement.

WRT 2070 - Introduction to Writing for Digital Media (4)
Introduction to the rhetorical, ethical, stylistic, and technical principles of digital composition and web authoring. (Formerly WRT 232)
Prerequisite(s): Completion of the university writing foundation requirement.

WRT 2080 - Introduction to Professional Writing (4)
Introduction to the field of professional writing. Examines the theories, practices, technologies, and ethics of professional writing in the workplace. (Formerly WRT 331)
Prerequisite(s): Completion of the university writing foundation requirement.

WRT 3010 - Contemporary Issues in Writing and Rhetoric Studies (4)
Introduction to important past and present issues in the field of writing and rhetoric. Provides a theoretical and historical foundation for understanding current issues, changes, and challenges for the discipline. (Formerly WRT 340). *Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. Prerequisite for writing intensive: completion of the university writing foundation requirement.*

WRT 3020 - History of Rhetoric (4)
Examination of major Western rhetoricians and their cultural contexts. Considers the classical roots of modern rhetoric and the influences of rhetoric in other disciplines. *Satisfies the university general education requirement in the knowledge application integration area. Satisfies the university general education requirement for a writing intensive course in general education or the major, not both.*
(Formerly WRT 342)
Prerequisite(s): Completion of the university writing foundation requirement.

WRT 3030 - Literacy, Technology, and Civic Engagement (4)
Exploration and application of technology in the discipline of writing and rhetoric. Examines the uneven shifts from oral to print to digital literacy, and how those shifts affect the production of knowledge, social relationships, and opportunities for civic engagement. (Formerly WRT 394)
Prerequisite(s): completion of the university writing foundation requirement.

WRT 3060 - Global Rhetorics (4)
Traces the contemporary and historical uses of rhetoric and written communication in non-Western cultures. Examines contemporary rhetorical contexts worldwide, including in education, professional writing, and political discourse. *Satisfies the university general education requirement in the global perspective knowledge exploration area. Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. (Formerly WRT 360)*
Prerequisite(s): Completion of the university writing foundation requirement.

WRT 3062 - Writing Center Studies and Tutoring Practice (4)
Peer tutoring theories and pedagogies, and practical experience in teaching. Work divided between classroom and tutoring assignments. Particularly valuable for majors in the humanities, education, psychology, human services and related fields. *Satisfies the university general education requirement in the knowledge applications integration area. Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. (Formerly WRT 320)*
Prerequisite(s): A grade of 3.0 or better in (WRT 160 or WRT 1060) or its equivalent.

WRT 3063 - Community Service Writing (4)
Focus on the development of writing skills applicable in a community service context, including writing a variety of genres and applying academic research skills to community issues and problems. Community service work required through local agencies or student-initiated organizational contact. (Formerly WRT 350)
Prerequisite(s): Completion of the university writing foundation requirement.

WRT 3064 - Writing About Culture: Ethnography (4)
Development of analytic and collaborative writing skills in the context of ethnographic study. Emphasis on written analysis in a variety of forms including case study analysis and ethno-methodological investigation. Appropriate advanced writing experience for majors in communication, psychology, anthropology, sociology and political science. *Satisfies the university general education requirement in the knowledge applications integration area. Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. Satisfies the university general education requirement in U.S. diversity.* (Formerly WRT 364)
Prerequisite(s): Completion of the university writing foundation requirement.

WRT 3070 - Digital Identity and Culture (4)
Examination of the rhetoric and ethics of internet technology and culture. Introduces theories of digital culture and its effects on both on-line and actual identities and communities, especially in relation to ethnicity, gender, class, physical ability, and sexual orientation. Includes individual and collaborative analysis and construction of Web projects. *Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. Satisfies the university general education requirement in U.S. diversity.* (Formerly WRT 330)
Prerequisite(s): Completion of the university writing foundation requirement.

WRT 3071 - Podcasting (4)
Explores the rhetorical, ethical, and technical principles of creating personal and ethnographic essays and oral histories for digital audio distribution. (Formerly WRT 231)
Prerequisite(s): completion of the university writing foundation requirement.

WRT 3072 - Rhetoric of Web Design (4)
An intermediate course in the rhetorical, ethical, stylistic, and technical principles of web design. Applies the rhetorical principles and research methods learned in the prerequisite courses to the effective production of web documents. (Formerly WRT 332)
Prerequisite(s): (WRT 160 or WRT 1060) and (WRT 232 or WRT 2070) or permission of instructor.

WRT 3073 - Digital Storytelling (4)
Explores the rhetorical, ethical, stylistic and technical principles of creating personal, observational, and ethnographic narratives through visual and digital productions - slide shows, graphic-intensive web sites, posters, flip books, and comics. (Formerly WRT 233)
Prerequisite(s): Completion of the university writing foundation requirement.

WRT 3074 - Rhetoric and Video Games (4)
Introduction to the rhetorical, ethical, stylistic, and technical principles of video games and gaming culture. (Formerly WRT 334)
Prerequisite(s): Completion of the university writing foundation requirement.

WRT 3081 - Science Writing (4)
Writing to diverse audiences about scientific and technological subjects for a variety of persuasive contexts. (Formerly WRT 381) *Satisfies the university general education requirement for a writing intensive course in general education.*
Prerequisite(s): completion of the university writing foundation requirement.

WRT 3082 - Business Writing (4)
Instruction in the theory and practice of written, visual, and digital rhetoric within business contexts. *Satisfies the university general education requirement for a writing intensive course in general education and knowledge applications integration area.* (Formerly WRT 382)
Prerequisite(s): Completion of the university writing foundation requirement.

WRT 3083 - Editing (4)
Theory and practice of editing within professional contexts. (Formerly WRT 333)
Prerequisite(s): Completion of the university writing foundation requirement.

WRT 3085 - Writing for Human Resource Professionals (4)
Theory and practice of workplace writing for human resource and management professionals. Emphasizes rhetorical analysis for internal workplace writing situations using formats such as letters, memos, procedures, proposals, and e-mail. (Formerly WRT 335). *Satisfies the university general education requirement in the knowledge applications integration area. Satisfies the university general education requirement for a writing intensive course in general education. Prerequisite for writing intensive and knowledge applications: completion of the university writing foundation requirement.*

WRT 3086 - Workshop in Creative Non-Fiction (4)
Creative writing workshop with emphasis on stories of real life, balancing artistry and accuracy. May include personal essay, autobiography or travel literature. *Satisfies the university general education requirement in the knowledge applications integration area. Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. (Formerly WRT 386)*
Prerequisite(s): Completion of the writing foundation requirement.

WRT 3900 - Special Topics in Writing Studies (2 OR 4)
Special topics in composition and rhetoric. May be repeated under different subtitles. (Formerly WRT 370)
Prerequisite(s): Completion of the university writing foundation requirement.

WRT 4060 - Teaching College Writing (4)
Examination of and practice in instructional techniques and research in writing pedagogy, and such related issues as assessment and classroom workshops. (Formerly WRT 414)
Prerequisite(s): Junior standing and (WRT 320 or WRT 3062) or permission of instructor.

WRT 4061 - Writing Across the University: Language and Disciplinary Culture (4)
Interdisciplinary examination of diverse strategies for writing and research in the humanities, social sciences and natural sciences. Introduces theories of language as social and cultural action. Students build upon prior knowledge and increase their effectiveness as writers and researchers. Includes individual, collaborative, and field-based research projects. *Satisfies the university general education requirement in the knowledge applications integration area. Satisfies the university general education requirement for a writing intensive course in general education or the major, not both*. (Formerly WRT 460)
Prerequisite(s): Junior standing. completion of the university writing foundation requirement.

WRT 4086 - Advanced Creative Nonfiction (4)
Advanced workshop in creative nonfiction with emphasis on writing for publication. (Formerly WRT 486)
Prerequisite(s): (WRT 386 or WRT 3086) or permission of instructor.

WRT 4908 - Special Topics in Professional Writing (4)
Advanced writing instruction in specific genres such as legal writing, medical writing, and grant writing. (Formerly WRT 380). *Satisfies the university general education requirement in the knowledge applications integration area. Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. Prerequisite for knowledge applications integration and writing intensive: completion of the university writing foundation requirement.*

WRT 4996 - Independent Study (1 TO 4)
Special research projects in writing and/or teaching writing. Approved course of study and an authorization form, signed by a faculty member willing to supervise the study, must be submitted to the department the term prior to the term the independent study is taken. May be repeated for up to 8 credits. *Satisfies the university general education requirement in the knowledge applications integration area. Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. Prerequisite for writing intensive and knowledge applications: completion of the university writing foundation requirement.* (Formerly WRT 490)
Prerequisite(s): One 3000 level writing/rhetoric course and permission of instructor.

WRT 4997 - College Teaching Apprenticeship (2 OR 4)
Assisting in teaching an undergraduate course in rhetoric. Includes discussions with the supervising faculty member on the principles, methods and problems of such teaching. May be taken for a total of 4 credits. (Formerly WRT 497)
Prerequisite(s): Senior standing. (WRT 414 or WRT 4060) and two additional 3000-4000 level WRT courses. (WRT 414 or WRT 4060) may be taken concurrently.

WRT 4998 - Capstone (4)
Capstone experience developed in consultation with the instructor based on student interests and professional goals. Projects can include both internal and external internship experiences, research assistantships, or thesis projects. May be repeated once in a different setting. *Satisfies the university general education requirement for the capstone experience. Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. Prerequisite for writing intensive: completion of the university writing foundation requirement. (Formerly WRT 491)*
Prerequisite(s): Declared writing major, junior or senior standing, and permission of instructor.

English as a Second Language Institute (ESL)

328A O'Dowd Hall
(248) 370-4164
Institute Website

Director: *Melissa Vervinck*

The English as a Second Language Institute offers classes in English as a Second Language (ESL) to help individuals improve English language skills (speaking, accent reduction, listening comprehension, reading, writing and vocabulary development). These courses are intended for university students, faculty and staff as well as international students, business personnel and other individuals. These classes can be taken as continuing education classes (CEU) or for credit. Students should contact the English as a Second Language Institute for additional information. Information about Oakland University's English Proficiency Policy can be found on their website.

These courses cannot be used to satisfy any portion of the university requirement in writing proficiency. No more than 16 credits in courses numbered 0400-0999 may count toward graduation requirements. Eight course levels are offered, with each level including listening and speaking, reading, writing, and test preparation skill building.

Other College of Arts and Sciences Academic Options

The minors, concentrations and programs offered in this section are interdisciplinary in nature and are attractive additions to many degree programs in the university. They are available to all students in the university. A student wishing to pursue any of these minors, concentrations and programs should consult with the coordinator listed with each program and should file a Concentration/ Minor Authorization Form where appropriate or contact the College of Arts and Sciences (CAS) or Advising. *As a general rule, no more than 8 credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators*.

- Addiction Studies Concentration
- American Studies Concentration
- Archaeology Concentration
- Environmental Studies Concentration
- French Studies Concentration
- Gerontology Concentration
- Pre-Medical Studies: Medicine, Dentistry, Optometry and Veterinary Medicine Concentration
- Urban Studies Concentration
- Pre-Law Studies
- Pre-Medical Studies

Minors in Computer Science, Computing, and Information Technology

The School of Engineering and Computer Science offers the following three minors, which are available to students in the College of Arts and Sciences.

The Computer Science Minor is suitable for students with majors in engineering, mathematics, physics, chemistry or biology, who may wish to emphasize numerical, scientific and engineering aspects of computing.

The Computing Minor and Information Technology Minor are suitable for students with majors in English, history, modern languages, philosophy, psychology, sociology or anthropology, who may wish to

take courses that emphasize non-numerical and symbolic data processing aspects of computing and information technology.

With a major in economics, a student may wish to take courses oriented toward application of computers in management data processing.

Liberal Arts Minor in Science

Science Minors (Two and Three) requires at least 27 credits for the two-science minor, or 29 credits for the three-science minor, selected from courses in biological sciences, chemistry and physics.

Students who elect a single discipline minor in either biology, chemistry or physics are not eligible for the science minor, nor are students who are majoring in biochemistry, biology, chemistry, computer science, engineering, environmental science, industrial health and safety, medical physics, medical technology, nursing, physical therapy or physics.

Religious Studies

Working with the program director, students may construct a 40-credit course of study to major in Religious Studies. The **Independent Major** may build upon and extend beyond the Religious Studies Concentration , while incorporating the particular interests of each participating student. The Independent Major may not be pursued conjointly with any of the three minor fields of study; Islamic Studies Minor, Judaic Studies Minor, or Christianity Studies Minor. The plan of study for each Independent Major must be submitted to the College of Arts and Sciences for final approval.

Geography Course Offerings

Courses offered under the geography rubric are available only to students fulfilling requirements for the elementary education teaching minor in social studies. Students in other programs may register for these courses under the home department rubric as indicated below.

- GEO 1060 - Earth Science/Physical Geography **(4)**
- GEO 2000 - Global Human Systems **(4)**
- GEO 3000 - World Regional Geography **(4)**