Ref. RES
LD
4142
.0342
034
1961-62
Suppl.

michigan state university oakland

# MAJOR PROGRAMS OF INSTRUCTION

A Supplement
KRESGE LIBRARY RESERVES

OVERDUE FINES FOR RESERVES
2 HR. MATERIAL: $1 PER HOUR
3 HR. MATERIAL: $1 PER HOUR
1 DAY MATERIAL: $1 PER DAY
2 DAY MATERIAL: $1 PER DAY
3 DAY MATERIAL: $1 PER DAY
1 WEEK MATERIAL: $1 PER DAY
After accrual of $10 in fines, patrons will be billed for replacement plus non refundable delinquent penalty

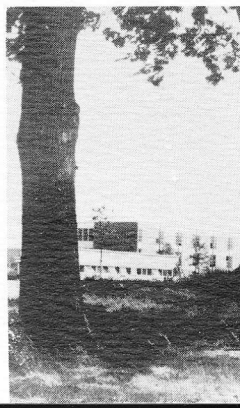
NO RENEWALS

The library is not responsible for lost or stolen material. If pages are missing, please notify your professor.

LOAN PERIOD: 2 HOUR
COURSE: REFERENCE
PROFESSOR: REFERENCE
SEMESTER: PERMANENT

DO NOT REMOVE LABEL
DO NOT REMOVE LABEL

Rochester



MICHIGAN STATE UNIVERSITY OAKLAND

Rochester, Michigan

# Major Programs of Instruction

A Supplement to the Bulletin of June 1961

University policies governing all major programs

Departmental, Division and Interdivisional regulations, course requirements, prerequisites, and recommended schedules

June, 1961

# UNIVERSITY REGULATIONS

## I. University policies governing all major programs

1. A student must have passed 14 courses before he may formally be admitted to major standing. Courses a student has elected to take in a department prior to obtaining major standing will be credited to a major only after the student has been formally admitted to major standing. It is the student's responsibility to apply for major standing before completion of his fourteenth course.

2. In order to be admitted to major standing, a student must have passed with at least a 2.0 average all courses prerequisite to the major.

3. The student must earn at least a 2.0 average in the courses required for a major.

4. Selection of major courses and other requirements are at the discretion of the department, division, or divisions, and the student must complete all requirements so determined. Specific programs for each student are developed as a joint responsibility of the student and the department.

5. Departments or divisions may, at their discretion, review the standing of a major who fails to maintain satisfactory academic standards.

## II. Sponsorship for Teacher Certification

The certification of teachers in Michigan is the responsibility of the Department of Public Instruction. When approved colleges and universities sponsor candidates deemed qualified, a Provisional Certificate is issued which, after a period of service and additional studies, can be converted to a Permanent Certificate. MSUO sponsors its graduates for the Provisional Elementary or the Provisional Secondary Certificates provided the following requirements are met:

1. Completion of the university baccalaureate with a teaching major and (where applicable) an appropriate minor.

2. An Internship grade of C or better.

3. Demonstrated proficiency in the use of English as determined by the English Department. Students should satisfy this requirement before the senior year to allow time to remove any deficiencies.

# DIVISION OF HUMANITIES

Departments of
Art; Classical Languages and Literature: Latin and Greek; English Language and Literature; History; Modern European Languages and Literature: French, German, Russian, Spanish; Music; Philosophy

Both Departmental and Divisional majors are planned, but for 1961-62, only Departmental majors will be offered.

Liberal Arts majors require 31 courses for graduation, distributed as follows:

| | |
|---|---|
| University Courses | 17 |
| In major department | 9 |
| | 26 |
| Electives to bring total to | 31 |

Insofar as is practicable, the framework of courses outlined below should be followed.

| Course | Semester I | Semester II |
|---|---|---|
| Composition and Analysis | 1 | |
| Western Literature | | 1 |
| Western Institutions | 1 | 1 |
| Foreign Language | 1 | 1 |
| Art and Music | | |
| or | 1 | 1 |
| Social Science Sequence | | |
| | **III** | **IV** |
| Western Literature | 1 | |
| Art and Music | | |
| or | 1 | 1 |
| Social Science Sequence | | |
| Foreign Language | 1 | 1 |
| | **V** | **VI** |
| Area Studies | 1 | 1 |
| | **VII** | **VIII** |
| Mathematics and Science | 1 | 1 |

## Teaching Majors and Minors

The various requirements add up to 30 to 32 courses. In the latter case, a student may elect to be exempted from one University Course, as specified in the various major and minor programs of instruction. The distribution is as follows:

| | |
|---|---|
| University Courses | 17 |
| In the major department | 8 |
| In the minor department (other than University Courses) | 0-2 |
| Education | 5 |
| | 30-32 |

Insofar as is practicable, the sequence of University Courses and Education courses given below should be followed.

| Course | Semester I | Semester II |
|---|---|---|
| Composition and Analysis | 1 | |
| Western Institutions | 1 | 1 |
| Western Literature | | 1 |
| Foreign Language | 1 | 1 |
| Social Science Sequence[1] | 1 | 1 |
| | III | IV |
| Western Literature and Art or Music | 1 | 1 |
| Foreign Language | 1 | 1 |
| Education (ED 244-245) | 1 | 1 |
| | V | VI |
| Area Studies | 1 | 1 |
| Mathematics and Science[2] | 1 | 1 |
| | VII | VIII |
| Art or Music | 1 | |
| Education | | 3 |

[1] Should be taken in the first two semesters. All Teaching Majors must take UC 054: Social Psychology before they may register in ED 244.

[2] These must be taken before the eighth semester.

## Departmental Majors

### Art

I. Liberal Arts Major in Art History

1. Admission to Major Standing requires completion of Western Institutions, Composition and Analysis, Western Literature (one semester), Social Science Sequence, and Art and Music. Art and Music should be taken in the first and second semesters.

2. Nine departmental courses are required, exclusive of University Courses. At least one, but no more than three, courses are to be drawn from the studio area. This requirement may be completed in the Connoisseurship-Materials Laboratory, normally taken in the fourth semester.

II. Liberal Arts Major in Studio Arts

1. The department may offer a Major in Studio Arts for students entering in Fall 1961. Admission requirements for such a Major will be identical with those for Art History and the program for the first and second semesters will be the same.

2. Nine departmental courses will be required, including the practice of painting, sculpture, and printmaking. Three courses will be in Art History, including the Connoisseurship-Materials Laboratory.

III. The department does not presently offer a Teaching Major in Art.

IV. Teaching Minor in Art

1. For students who entered in 1960. Requires five courses. Completion of any combination of two of the three University Courses in Art offered in 1960-61 will be regarded as the equivalent of one course. One of the remaining four must be either ART 333: Art of the U.S.A., or ART 281: Art of the Twentieth Century.

2. For students entering in 1961 and after, the requirements are Introduction to Art: UC 047, and four additional studio and history courses. Two of these must be ART 281 and ART 333.

3. For further information, consult Mr. Galloway and Mr. Hetenyi.

## Classical Languages and Literature: Latin and Greek

I. Liberal Arts Major in Latin or Greek

1. Admission to Major Standing requires Western Institutions, Composition and Analysis, Western Literature, Art and Music, and four courses, or the equivalent, in one classical language at the first and second year level. It is recommended that the Art and Music courses be taken in the first and second semesters.

2. Nine courses in the chosen language and its literature beyond the University Courses are required.

3. The student must pass a comprehensive written and oral examination near the end of the eighth semester.

4. Students are urged to elect courses in other literatures, history, philosophy, art, and linguistics related to their major study.

5. Students majoring in Latin should elect some Greek, both in the original and in translation. Those planning graduate work in the Classics should expect to do at least the equivalent of six semesters in Greek language and literature.

6. Prospective majors should consult Mr. Clarke before Fall registration.

II. Teaching Major in Latin

1. Requirements for admission to Major Standing are identical with those for Liberal Arts majors, except that the Social Science Sequence must include Social Psychology: UC 054, in either the first or second semesters. Further, the University Course mathematics and science must be completed before the eighth semester.

2. Eight courses in the language are required, exclusive of University Course requirements. Students must also take the following professional courses:

| | |
|---|---|
| Internship and Seminar | 2 |
| Education 244 and 245 | 2 |
| Methods in the teaching of classical languages | 1 |

3. Students must pass a comprehensive written and oral examination near the end of the eighth semester.

4. Teaching Minor

The department does not offer a formal Teaching Minor, but students who wish to present a Teaching Minor in Classical Languages may do so with permission from the department. For information, consult Mr. Clarke.

## English Language and Literature

I. Liberal Arts Major

1. Admission to Major Standing requires Western Institutions, Composition and Analysis, Western Literature, the Social Science Sequence, Art and Music, and foreign language study.

2. Nine courses in the department, exclusive of University Courses, are required as follows:

| | |
|---|---|
| American Renaissance (1820-1870) | 1 |
| Chaucer | 1 |
| Milton | 1 |
| Shakespeare | 1 |
| Modern English Grammar | 1 |

plus three courses from the following group:

The Renaissance (to 1660)
Restoration and 18th Century
Romantic
Victorian
Modern

and a ninth course selected from among any of the department's offerings.

3. Each major must complete at least two courses in the literature (third or fourth year level) of a foreign language, classical or modern. Normally this will be a continuation of University Course prescriptions.

4. Each major must pass a comprehensive examination before the end of the eighth semester. As part of this examination he must demonstrate a working knowledge of English history and of the principles of literary criticism.

II. Teaching Major

1. The requirements are identical with those outlined above, except that the Social Science Sequence must include

Social Psychology: UC 054 in either the first or second semesters. Further, the University Course mathematics and science must be completed before the eighth semester. In addition, the student must take the following professional courses:

| | |
|---|---|
| Internship and Seminar | 2 |
| Education (ED 244-245) | 2 |
| Methods in the teaching of English | 1 |

2. The Teaching Major requires eight courses in the department, exclusive of University Courses, as follows:

| | |
|---|---|
| American Renaissance (1820-1870) | 1 |
| Shakespeare | 1 |
| Modern English Grammar | 1 |

and either Chaucer or Milton 1

plus three courses from the following group:

The Renaissance (to 1660)
Restoration and 18th Century
Romantic
Victorian
Modern

and an eighth course selected from the department's offerings.

3. Each Teaching Major is required to pass a comprehensive examination before the end of the eighth semester. As part of this, he must demonstrate a working knowledge of English history and of the principles of literary criticism.

III. Teaching Minor

Requires two courses in the department in addition to Western Literature and Composition and Analysis.

History

I. Liberal Arts Major

1. Admission to Major Standing requires Western Institutions, Composition and Analysis, Western Literature (one semester), the Social Science Sequence, Art and Music, and foreign language study.

2. Eight courses must be completed in the department, exclusive of University Courses.

3. A normal program will involve independent reading, work in more than one field of history, and continued work in a foreign language.

4. A comprehensive evaluation of the student's work in history will be made by the department before the end of the final semester.

II. Teaching Major

1. The requirements are identical with those outlined above, except that the Social Science Sequence should include Social Psychology: UC 054, in the first or second semesters, and that the University Course mathematics and science be completed before the eighth semester.

2. The following Education courses also are required:

| | |
|---|---|
| Internship and Seminar | 2 |
| Education (ED 244-245) | 2 |
| Methods in the teaching of history | 1 |

3. A student who elects a Minor in English may replace one term of Area Studies by substituting an appropriate course in non-Western history, art, or music.

III. Teaching Minor

1. Two courses in American history, in addition to two courses in Western Institutions, and two courses in the Area Studies Sequence are required.

Modern European Languages and Literature

Prospective majors should have had at least two years of a single language in high school, since it is advantageous to complete the second-year course by the end of the freshman year. The course level for entering students with language credits will be determined by placement examination, written and aural. Students who speak French, German, Russian, or Spanish fluently should consult with the department before electing courses.

I. Liberal Arts Major

1. Admission to Major Standing requires the completion of Western Institutions, Composition and Analysis, Western Literature, Art and Music, and four courses in a single foreign language. Exceptions to the language requirement will be made in the case of students who show competence in the language of specialization.

2. Nine courses are required in the chosen language and its literature, exclusive of the University Course requirements.

3. Students must pass a comprehensive written and oral examination, a significant part of which is administered in the language of specialization, near the end of the eighth semester.

4. Students are urged to elect courses in other literatures, history, philosophy, art, and linguistics related to their major study.

5. Students planning to do graduate work are strongly urged to begin work in a second foreign language.

6. Art and Music should be taken in the first two semesters, and the University Course mathematics and science in the fifth and sixth semesters.

II. Teaching Major

1. Requirements for admission to Major Standing are identical with those outlined above, except that the Social Science Sequence must include Social Psychology: UC 054; the University Course sequence in mathematics and science must be completed before the eighth semester.

2. Eight courses in the chosen language and its literature are required, exclusive of the University Course requirements. Students must also take the following Education courses:

| | |
|---|---|
| Internship and Seminar | 2 |
| Education (ED 244-245) | 2 |
| Methods in the teaching of foreign languages | 1 |

3. Also required is a comprehensive written and oral examination, a significant part of which is administered in the language of specialization, near the end of the eighth semester.

III. Teaching Minor

The department does not offer a formal Teaching Minor, but students who wish to present a Teaching Minor may do so with permission from the department.

IV. Interdivisional Major in Elementary Education: Language Concentration

Requires four courses in the chosen language, exclusive of University Course requirements, but students are urged to take more if possible. Those enrolled in this program will normally carry a Certification Major in Foreign Language, but their designation within the institution will simply be "Elementary Education." Programs for students in this category must be drawn up in consultation with the department and approved by the Director of the Teacher Education program.

Music

I. Liberal Arts Major in Music Theory and Composition[3]

1. Admission to Major Standing requires Western Institutions, Composition and Analysis, Western Literature (one semester), the Social Science Sequence, and Art and Music. Art and Music should be taken in the first and second semesters. German is the recommended language for satisfying the foreign language prescription.

2. Nine departmental courses are required, exclusive of University Courses, of which six will be in music theory and composition and three in music history.

3. Co-requisites

   a. The equivalent of two years of college level piano proficiency as defined by the National Association of Schools of Music to be completed either by examination or elective course work. This requirement should normally be completed before the end of the sixth semester.

   b. Participation each semester in a recognized performing group at MSUO.

II. Liberal Arts Major in Music History and Literature[3]

1. Admission to this Major is on the same basis as for the Major in Music Theory.

---

[3]Major may be available to students who enter Fall 1961 and after.

2. Nine departmental courses are required, exclusive of University Course work, of which five will be in music theory and four in music history.

3. Co-requisites are the same as for the Major in Music Theory.

III. Teaching Majors and Minors

The department may offer a Teaching Major and/or a Teaching Minor for students entering Fall 1961. For further information, consult Mr. Collins.

Philosophy

I. Liberal Arts Major

1. Admission to Major Standing requires Western Institutions, Composition and Analysis, Western Literature (one semester), and Introduction to Systematic Philosophy. It is recommended that Art and Music be taken in the first and second semesters.

2. Nine departmental courses are required, including Introduction to Systematic Philosophy, and Philosophical Research.

3. At least four courses in one other department are required, these courses to be chosen by the student in consultation with the department.

II. The department does not offer a Teaching Major or Minor.

# DIVISION OF SCIENCE AND MATHEMATICS

## Departments of Chemistry, Life Science, Mathematics, Physics, and Engineering Science

Both Departmental and Divisional majors are planned, but for 1961-62, only Departmental majors will be offered.

Liberal Arts majors in Chemistry, Life Science, and Physics require 31 courses for graduation, distributed as follows:

| | |
|---|---|
| University Courses | 13 |
| In major department | 9 |
| Co-requisites | 5-9 |
| | 27-31 |
| Electives to bring total to | 31 |

Schedules for students with Liberal Arts majors in these departments should be built around the framework of courses outlined below.

| Course | Semester | |
|---|---|---|
| | I | II |
| Composition and Analysis | 1 | |
| Western Literature | | 1 |
| Western Institutions | 1 | 1 |
| Mathematics | 1 | 1 |
| Chemistry | 1 | 1 |
| | III | IV |
| Mathematics and/or Science | 1 | 1 |
| Major | 1 | 1 |
| Social Science Sequence | 1 | 1 |
| Art and Music | 1 | 1 |
| | V | VI |
| Area Studies | 1 | 1 |
| Foreign Language 101-102 | 1 | 1 |
| | VII | VIII |
| Western Literature | 1 | |

## Teaching Majors in Chemistry, Life Science, and Physics

Requirements vary from 31 to 32 courses. In the latter case, the student may be exempted from one University Course chosen from Western Literature, Art, or Music. The distribution is as follows:

| | |
|---|---|
| University Courses | 12-13 |
| In the major department | 8 |
| Co-requisite and minor | 5-6 |
| Education | 5 |
| | 31-32 |

The framework of courses outlined below should be followed insofar as is practicable.

| Course | Semester | |
|---|---|---|
| | I | II |
| Composition and Analysis | 1 | |
| Western Literature | | 1 |
| Social Science Sequence | 1 | 1 |
| Mathematics | 1 | 1 |
| Chemistry | 1 | 1 |
| | III | IV |
| Education (ED 244-245) | 1 | 1 |
| Western Institutions | 1 | 1 |
| Major or co-requisites | 2 | 2 |
| | V | VI |
| Area Studies | 1 | 1 |
| Foreign Language 101-102 | 1 | 1 |
| | VII | VIII |
| Music | 1 | |
| Art | 1 | |
| Western Literature | | 1 |
| Education | | 3 |

## Liberal Arts Major in Mathematics

Thirty-one courses are required for graduation, distributed as follows:

| | |
|---|---|
| University Courses | 15 |
| In major department | 9 |
| Co-requisites | 5 |
| | 29 |
| Electives to bring total to | 31 |

The framework outlined below should be followed insofar as is practicable.

| Course | Semester | |
|---|---|---|
| | I | II |
| Composition and Analysis | 1 | |
| Western Literature | | 1 |
| Western Institutions | 1 | 1 |
| Mathematics | 1 | 1 |
| Science or Social Science Sequence | 1 | 1 |
| | III | IV |
| Mathematics | 1 | 1 |
| Art and Music | 1 | 1 |
| Foreign Language | 1 | 1 |
| Science or Social Science Sequence | 1 | 1 |
| | V | VI |
| Area Studies | 1 | 1 |
| Foreign Language | 1 | 1 |
| | VII | VIII |
| Western Literature | 1 | |

## Teaching Major in Mathematics

Requirements vary from 31 to 32 courses. In the latter case, a student may omit one University Course in Art, Music, or Western Literature. The distribution of courses is as follows:

| | |
|---|---|
| University Courses | 13 |
| In major department | 8 |
| Co-requisites and minor | 5-6 |
| Education | 5 |
| | 31-32 |

The following framework of courses should be followed insofar as is practicable.

| Course | Semester I | Semester II |
|---|---|---|
| Composition and Analysis | 1 | |
| Western Literature | | 1 |
| Western Institutions | 1 | 1 |
| Mathematics | 1 | 1 |
| Social Science Sequence | 1 | 1 |
| | III | IV |
| Mathematics | 1 | 1 |
| Education (ED 244-245) | 1 | 1 |
| Science | 1 | 1 |
| Art and Music | 1 | 1 |
| | V | VI |
| Area Studies | 1 | 1 |
| Foreign Language 101-102 | 1 | 1 |
| | VII | VIII |
| Western Literature | | 1 |
| Education | | 3 |

Major in Engineering Science

Since 32 courses are required for this major, a student may omit one University Course chosen from Art, Music, or Western Literature. The distribution of courses is as follows:

| | |
|---|---|
| University Courses | 12-13 |
| In major department | 9 |
| Co-requisites | 10 |
| | 31-32 |

The following framework of courses should be followed insofar as is practicable.

| Course | Semester I | Semester II |
|---|---|---|
| Composition and Analysis | 1 | |
| Western Literature | | 1 |
| Western Institutions | 1 | 1 |
| Mathematics | 1 | 1 |
| Chemistry | 1 | 1 |

| Course | Semester III | Semester IV |
|---|---|---|
| Mathematics | 1 | 1 |
| Physics | 1 | 1 |
| Engineering Science | | 1 |
| Social Science Sequence | 1 | 1 |
| Western Literature | 1 | |
| | **V** | **VI** |
| Area Studies | 1 | 1 |
| Mathematics | | 1 |
| Physics | 1 | |
| Engineering Science | 2 | 2 |
| | **VII** | **VIII** |
| Art and Music | 1 | 1 |
| Foreign Language 101-102 | 1 | 1 |

## Departmental Majors

### Chemistry

Admission to Major Standing requires three courses in chemistry and two courses in mathematics.

I. Liberal Arts Major

1. Fourteen courses are required, distributed as follows:

   a. 9 courses in chemistry
   b. 3 courses in mathematics (2 completed before the fifth semester)
   c. 2 courses in physics

II. Teaching Major and associated Science Minors

1. Consists of 13 to 14 courses, distributed as follows:

   a. A major requiring 8 courses in chemistry, and
   b. A minor requiring 5 courses in physics or mathematics,

   or

   A minor requiring 6 courses in physics and mathematics,

   or

   Other minors to be arranged by the department in consultation with the student.

2. The following Education courses also are required:

| | |
|---|---|
| Internship and Seminar | 2 |
| Education 244 and 245 | 2 |
| Methods in the teaching of chemistry | 1 |

Engineering Science

Major in Engineering Science

Admission to Major Standing requires two courses in chemistry, three courses in mathematics, and two courses in physics.

Nineteen courses are required, distributed as follows:

a. 9 courses in engineering science
b. 5 courses in mathematics
c. 3 courses in physics
d. 2 courses in chemistry

Life Science

Admission to Major Standing requires three courses in chemistry and two courses in mathematics.

I. Liberal Arts Major

1. Eighteen courses are required, distributed as follows:

a. 9 courses in life science
b. 4 courses in chemistry
c. 2 courses in physics
d. 3 courses in mathematics

II. Teaching Major and associated Science Minors

1. Consists of 13 to 14 courses, distributed as follows:

a. A major requiring 8 courses in life science.
b. A minor requiring 5 courses in chemistry,

or

A group minor requiring 6 courses in chemistry and physics or chemistry and mathematics or physics and mathematics.

2. The following Education courses also are required:

| | |
|---|---|
| Internship and Seminar | 2 |
| Education 244 and 245 | 2 |
| Methods in the teaching of science | 1 |

Mathematics

Admission to Major Standing requires three courses in mathematics.

I. Liberal Arts Major

1. Fourteen courses are required, distributed as follows:

a. 9 courses in mathematics
b. 2 courses in chemistry or physics
c. 3 courses in one subject area closely related to mathematics, either in the physical or life sciences or in the social sciences.

II. Teaching Major in Mathematics and associated Science Minors

1. Requires 13 to 14 courses, distributed as follows:

a. A major requiring 8 courses in mathematics.
b. A minor requiring 5 courses in physics or chemistry,
or
A group minor requiring 6 courses in physics and chemistry,
or
Other minors to be arranged by the department in consultation with the student.

2. The following Education courses also are required:

| | |
|---|---|
| Internship and Seminar | 2 |
| Education 244 and 245 | 2 |
| Methods in the teaching of mathematics | 1 |

Physics

Admission to Major Standing requires two courses in chemistry, three courses in mathematics, and two courses in physics.

I. Liberal Arts Major

1. Fifteen courses are required, distributed as follows:

a. 9 courses in physics
b. 4 courses in mathematics
c. 2 courses in chemistry

II. Teaching Major and associated Science Minors

1. Requires 13 to 14 courses, distributed as follows:

a. A major requiring 8 courses in physics.
b. A minor requiring 5 courses in mathematics,

or

A group minor requiring 6 courses in mathematics and chemistry.

2. The following Education courses also are required:

| | |
|---|---|
| Internship and Seminar | 2 |
| Education 244 and 245 | 2 |
| Methods in the teaching of physics | 1 |

# DIVISION OF SOCIAL SCIENCES

## Departments of Economics and Business Administration, Political Science, Psychology, and Sociology and Anthropology, and Education

Both Departmental and Divisional majors are planned, but for 1961-62, only Departmental majors will be offered.

Liberal Arts majors in the Division of Social Sciences require 31 courses for graduation, distributed as follows:

| | |
|---|---|
| University Courses | 17 |
| In major department | 9 |
| | 26 |
| Electives to bring total to | 31 |

In all programs, the following framework of courses should be followed, insofar as is practicable.

| Course | Semester | |
|---|---|---|
| | I | II |
| Composition and Analysis | 1 | |
| Western Literature | | 1 |
| Western Institutions | 1 | 1 |
| Foreign Language | 1 | 1 |
| Social Science Sequence | 1 | 1 |
| | III | IV |
| Western Literature | 1 | |
| Art and Music | 1 | 1 |
| Foreign Language | 1 | 1 |
| | V | VI |
| Area Studies | 1 | 1 |
| | VII | VIII |
| Mathematics and Science | 1 | 1 |

Teaching Majors

Only the Interdivisional Teaching Majors in History and the Social Sciences are offered. See the section on Interdivisional Majors.

## Departmental Majors

Economics, Business Administration

I. A Liberal Arts Major in Economics and a Major in Business Administration are offered.

1. Admission to Major Standing in either field requires completion of the University Courses in Western Institutions, Composition and Analysis, Western Literature (one semester), and the Social Science Sequence, which must include UC 056: Introduction to Economics and EC 216-217: Intermediate Economic Analysis. Students planning to major in Economics are advised to take the Social Science Sequence in their first two semesters.

2. Both majors require 8 courses in the department and UC 056.

3. Both majors also require two semesters of collateral work in mathematics.

II. Liberal Arts Major in Economics

1. During the fifth and sixth semesters, the student must take one Type A, one Type B, and one Type C course from among the following:

| Type | Semester | Course |
|---|---|---|
| A | V | EC 321: Monetary and Fiscal Policies |
| B | | EC 323: International Trade and Finance |
| C | | EC 301: Quantitative Economic Methods and Analysis |
| A | VI | EC 303: Business Cycles and Economic Forecasting |
| B | | EC 331: Managerial Economics |
| C | | EC 333: Labor-Management Relations |

III. Major in Business Administration

1. During the fifth and sixth semesters, a student must take EC 301, EC 331, and one Type A course.

IV. The department does not offer a teaching major or minor. See Interdivisional Majors.

Political Science

I. Liberal Arts Major

1. Admission to Major Standing requires completion of Western Institutions, Composition and Analysis, Western Literature (one semester), and the Social Science Sequence, which must include UC 052: Introduction to Political Science and either PS 204-205: American Government and Politics or PS 213: World Politics.

2. Nine courses are required. Seven are courses in the department, including the three semesters of political science listed above. The eighth may be in an additional course in political science, a senior essay or research project, or a cognate course. The ninth may be either PHL 321: Theories of Justice, Power and Freedom or a course in statistics.

II. The department does not offer a teaching major or minor. See Interdivisional Majors.

Psychology

I. Liberal Arts Major

1. Admission to Major Standing requires completion of Western Institutions, Composition and Analysis, Western Literature (one semester), the Social Science Sequence, and PSY 246-247: Foundations of Contemporary Psychology. Students planning to major in Psychology are advised not to take UC 054: Social Psychology.

2. Nine departmental courses are required, ordinarily including:

Fifth semester: PSY 351: Experimental Psychology and PSY 361: Statistics and Research Design

Sixth semester: PSY 353: Motivation and Personality and PSY 363: Research Projects

II. The department does not offer a teaching major or minor.

## Sociology and Anthropology

I. Liberal Arts Major

1. Admission to Major Standing requires completion of the University Courses in Western Institutions, Composition and Analysis, Western Literature (one semester), and the Social Science Sequence, including UC 058: Introduction to Sociology.

2. Seven departmental courses are required, including UC 058.

3. Students interested in social work must take in addition to the seven prescribed courses, an additional two courses in social work.

II. The department does not offer a teaching major or minor. See Interdivisional Majors.

## Department of Education

The Department of Education does not in itself offer majors. These are offered by the various Liberal Arts departments and divisions, and are listed under these headings.

The department provides professional courses, described under Courses of Instruction and below, which all students seeking state certification must take.

Five professional courses are required for teacher certification. Two are described in the section on Courses of Instruction; the other three, which must be taken in the eighth semester, are described below. These will not be offered until 1962-63. Certain majors in Elementary Education contain additional courses which belong in this category.

Teaching of the Major Field (one course)

Stresses the content and methodology of programs appropriate to the student's major field, organization of programs and courses, bibliography of the field, and techniques of instruction.

Internship (two courses)

Supervised teaching in the public schools. Students will spend approximately fifty days in classes devoted to their major field. They will also participate in such further activities as the supervising teacher may direct. Includes a seminar dealing with problems of instruction.

Note: Since the internship requires full-time work for ten weeks, students should plan to complete all courses with the exception of Teaching of the Major no later than the seventh semester. In some cases it may be possible to take on an additional course during this semester, but generally such will not be the case.

Arrangements for housing during Internship should be made in consultation with the Office of the Dean of Students.

# INTERDIVISIONAL MAJORS

I. The three academic divisions jointly provide a Teaching Major in Elementary Education which offers three areas of concentration, from which the student may choose one: (1) a General Program; (2) Science and Mathematics Concentration; (3) Foreign Language Concentration. All three programs satisfy state certification prescriptions.

Admission to Major Standing in any one of the three requires completion of Composition and Analysis, Western Literature (one semester), Western Institutions, and the Social Science Sequence.

Elementary Education Majors need not select separate minors, since their program already includes an appropriate distribution of courses.

A. The General Program is designed for those who wish to teach elementary grades. Thirty-one courses are required, distributed as follows:

University Courses

| | |
|---|---|
| Composition and Analysis | 1 |
| Western Institutions | 2 |
| Western Literature | 2 |
| Social Science Sequence | 2 |
| Foreign Language | 4 |
| Art and Music | 2 |
| Area Studies | 2 |
| | 15 |

Departmental Courses

| | |
|---|---|
| English (ENG 301 or ENG 303) | 1 |
| History (HST 214-215 preferred) | 2 |
| Mathematics (MTH 214, 216) | 2 |
| Mathematics[1] | 1 |
| Science (Including Science in Elementary School) | 2 |
| | 8 |

[1]For students who entered Fall 1960 or after.

Education Courses

| | |
|---|---|
| Education 244-245 | 2 |
| Teaching of Reading | 1 |
| Teaching in Elementary School | 1 |
| Internship | 2 |
| | 6 |

Electives (including one in a history or social science area) to total 31.

The framework of courses outlined below should be followed insofar as is practicable.

| Course | Semester | |
|---|---|---|
| | I | II |
| Composition and Analysis | 1 | |
| Western Institutions | 1 | 1 |
| Western Literature | | 1 |
| Social Science Sequence | 1 | 1 |
| Foreign Language | 1 | 1 |
| | III | IV |
| Education 244-245 | 1 | 1 |
| Western Literature | 1 | |
| English 301 or 303 | | 1 |
| History 214-215 | 1 | 1 |
| Foreign Language | 1 | 1 |
| | V | VI |
| Area Studies | 1 | 1 |
| Mathematics 214, 216 | 1 | 1 |
| Art and Music | 1 | 1 |
| Science | | 1 |
| | VII | VIII |
| Teaching of Reading | 1 | |
| Science in the Elementary School | 1 | |
| Mathematics[1] | 1 | |
| Teaching in Elementary School | | 1 |
| Internship | | 2 |

[1]For students who entered Fall 1960 or after.

B. The Science and Mathematics Concentration is designed for students who wish to work in this area in the grades or junior high school. Thirty-one courses are required, distributed as follows:

University Courses

| | |
|---|---|
| Composition and Analysis | 1 |
| Western Institutions | 2 |
| Western Literature | 2 |
| Social Science Sequence | 2 |
| Art and Music | 2 |
| Area Studies | 2 |
| Foreign Language 101-102 | 2 |
| | 13 |

Departmental Courses

| | |
|---|---|
| Chemistry | 2 |
| Mathematics 214, 216 | 2 |
| Mathematics | 1 |
| Additional science, and | 2 |
| Mathematics or science | 2 |
| Science in Elementary School | 1 |
| | 10 |

Education Courses

| | |
|---|---|
| Education 244-245 | 2 |
| Teaching of Reading | 1 |
| Teaching in Elementary School | 1 |
| Internship | 2 |
| | 6 |

Electives (including one in a history or social science area) to total 31.

The framework of courses outlined below should be followed insofar as is practicable.

| Course | Semester | |
|---|---|---|
| | I | II |
| Composition and Analysis | 1 | |
| Western Institutions | 1 | 1 |
| Western Literature | | 1 |
| Social Science Sequence | 1 | 1 |
| Chemistry | 1 | 1 |

| Course | Semester III | Semester IV |
|---|---|---|
| Education 244-245 | 1 | 1 |
| Mathematics | | 1 |
| Art and Music | 1 | 1 |
| Science | 1 | 1 |
| Western Literature | 1 | |
| | V | VI |
| Area Studies | 1 | 1 |
| Mathematics 214, 216 | 1 | 1 |
| Mathematics or science | 1 | 1 |
| Foreign Language 101-102 | 1 | 1 |
| | VII | VIII |
| Science in Elementary School | 1 | |
| Teaching of Reading | 1 | |
| Teaching in Elementary School | | 1 |
| Internship | | 2 |

C. The Foreign Language Concentration is designed for students who wish to work in this area in the grades or junior high school. Thirty-one courses are required, distributed as follows:

University Courses

| | |
|---|---|
| Composition and Analysis | 1 |
| Western Institutions | 2 |
| Western Literature | 2 |
| Social Science Sequence | 2 |
| Art and Music | 2 |
| Area Studies | 2 |
| Mathematics and Science | 2 |
| Foreign Language | 4 |
| | 17 |

Departmental Courses

| | |
|---|---|
| Additional Foreign Language | 4 |
| Mathematics 214 | 1 |
| Science in Elementary School | 1 |
| | 6 |

Education Courses

| | |
|---|---|
| Education 244-245 | 2 |
| Teaching of Reading | 1 |
| Teaching in Elementary School | 1 |
| Internship | 2 |
| | 6 |
| Electives to bring total to | 31 |

The framework of courses outlined below should be followed insofar as is practicable.

| Course | Semester | |
|---|---|---|
| | I | II |
| Composition and Analysis | 1 | |
| Western Institutions | 1 | 1 |
| Western Literature | | 1 |
| Foreign Language | 1 | 1 |
| Social Science Sequence | 1 | 1 |
| | III | IV |
| Education 244-245 | 1 | 1 |
| Art and Music | 1 | 1 |
| Mathematics 214 | 1 | |
| Western Literature | | 1 |
| Foreign Language | 1 | 1 |
| | V | VI |
| Area Studies | 1 | 1 |
| Mathematics and Science | 1 | 1 |
| Foreign Language | 1 | 1 |
| | VII | VIII |
| Science in Elementary School | 1 | |
| Teaching of Reading | 1 | |
| Foreign Language | 2 | |
| Teaching in Elementary School | | 1 |
| Internship | | 2 |

II. Teaching Major in History and the Social Sciences offered by the Divisions of Humanities and Social Sciences. For purposes of state certification, students enrolled will be classed as Social Science Majors and History Minors.

Thirty-one courses are required, distributed as follows:

| | |
|---|---|
| University Courses | 17 |
| Departmental courses | 9 |
| Education courses | 5 |
| | 31 |

A. Admission to Major Standing requires completion of Western Institutions, Composition and Analysis, Western Literature (one semester), and the Social Science Sequence, which must include UC 054: Social Psychology.

B. Nine courses are required, distributed as follows:

1. Three courses in history, of which two must be Introduction to American History: HST 214-215.

2. One of the following three areas of concentration:

a. Five courses in economics, including Introduction to Economics: UC 056; and two courses in political science, including Introduction to Political Science: UC 052,
or
two courses in sociology, including Introduction to Sociology: UC 058.

b. Five courses in political science, including UC 052 and two courses in economics, including UC 056,
or
two courses in sociology, including UC 058.

c. Five courses in sociology, including UC 058, and two courses in political science, including UC 052,
or
two courses in economics, including UC 056.

C. The following Education courses are also required:

| | |
|---|---|
| Internship and Seminar | 2 |
| Education 244 and 245 | 2 |
| Teaching of Social Sciences | 1 |

III. Teaching Minor in History and Social Sciences

Consists of Western Institutions, Social Science Sequence, and Area Studies, a total of six courses.