

# SECONDARY EDUCATION REQUIREMENTS (6-12)

Secondary Education programs prepare students to teach specific subjects in grades 6-12. Students in Secondary Education complete an Education major in one of the subjects from the list below, plus an approved minor is required:

## Secondary and K-12 Education Majors

- Art Education
- Biology
- Business
- Chemistry
- Economics
- English
- French
- Geography
- German
- History
- Mathematics
- Physics
- Psychology
- Sociology
- Spanish
- Theatre

For descriptions of courses required in each major, look under that subject in this catalog.

A set of courses consisting of at least 12 units from each of two closely related subjects from the list above may be substituted for the minor. Consult an advisor in the Department of Curriculum and Instruction to determine approved combinations.

Broadfield majors, which prepare students to teach a set of related subjects in grades 6-9, and selected subjects from the set in grades 10-12, are available in Science (choose from several emphasis areas - refer to specific sciences) and Social Studies (choose from several emphasis areas - refer to specific social sciences). Students who complete a secondary broadfield major select an emphasis subject within the broadfield, and they do not need to complete a minor.

## Secondary Licensure Minors

Students who select a minor as well as a major from the list of Education majors may obtain a 6-12 teaching license in both the major and minor subjects. To do so may require taking an additional methods course, depending on how closely the two subjects are related. Consult an advisor in the Department of Curriculum and Instruction to determine whether a particular major-minor combination requires more than one methods course for licensure in both subjects.

Middle/Secondary level licensure may also be obtained in the following subjects by completing any of the following minors in conjunction with any education major from the list above:

- ESL and Bilingual/Bicultural Education (Bilingual Education License)
- Athletic Coaching Education (Coaching Athletics License)

- Computer Science (Computer Science License)
- Health Education (Health License)
- Library Media K-12 (School Media Specialist Provisional License)
- Dance Secondary Education (Dance License)

Some minors are licensable for grades 6-12 only in conjunction with specific majors. They are:

- Journalism with an English Education major
- Communication with an English Education major
- Psychology only with another education major or with a broadfield social studies major

Note that middle-level (6-9) licensure may also be obtained in most of the subjects listed in this section by completing a minor in conjunction with an Elementary Education major.

## Licensure Courses in 6-12 Programs

In addition to major and minor requirements, students in middle/secondary programs complete coursework and field experiences that provide opportunities to synthesize and apply knowledge of subject matter in middle schools and high schools. A typical sequence of courses is as follows:

1. Psychology of the Exceptional Child (3 units)
2. Pre-Professional Foundations Block (9 units):  
(Prerequisites: G.P.A. of 2.75 or better and passing scores on at least two parts of the Pre-Professional Skills Test; and Phase I information refer to Educational Foundations for course descriptions)
  - Education in a Pluralistic Society
  - Educational Psychology
  - Introduction to Education and Teaching
3. Measurement and Evaluation in the Secondary School (3 units)  
(Prerequisite: Admission to Professional Education)  
(Refer to Educational Foundations for course description)
4. Methods Block (at least 11 units):  
(Prerequisite: Admission to Professional Education)
  - Methods course(s) in the licensure subject(s)
  - Literacy Strategies in the Content Areas
  - Secondary Field Studies
  - Directed Teaching-Alternate Experience
5. Directed Teaching in the major subject

Note: Students who do Directed Teaching in a high school must do Directed Teaching-Alternate Experience in a middle school, and vice versa.

## Subject-Specific Licensure Requirements

In addition to the above licensure sequence, which is common to all secondary programs, some subjects require additional coursework beyond the major in order to obtain licensure. Refer to the course descriptions in each department for details. Note that the Academic Advising Report (AAR) lists the specific licensure requirements for only one subject. Students seeking licensure in more than one subject are responsible for all requirements listed under licensure in each of the subjects whether they appear on the AAR or not. Refer to particular departments for details.

Important subject-specific licensure requirements include the following:

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Social sciences majors (except Psychology) must complete coursework in economic cooperatives and environmental studies as specified for the major;

Science majors must complete coursework in environmental studies as specified;

English majors must complete coursework in literature for adolescents and literature by authors belonging to American minority groups as specified for the major;

Foreign language majors, within three years of taking the methods course, must complete a four-week residency requirement in a location where the foreign language is the predominant medium of communication.

Bilingual/Bicultural and ESL Education minors must complete bilingual student teaching or field study.

Health minors must complete a methods course in health.

Library media minors must complete practicum coursework.