SECONDARY TEACHING

sesp.northwestern.edu/ugrad/secondary-teaching

SESP’s interdisciplinary secondary teaching concentration combines subject-area courses in a chosen field from Weinberg College—biological sciences, chemistry, economics, English, history, mathematics, physics, political science, or Spanish—with courses in child and adolescent development, education theory and methods, and urban education. The program leads to an Illinois Professional Educator license as well as a bachelor of science in education and social policy degree. The degree is 42 units.

Similar to the other SESP concentrations, which have a four unit practicum in the third year, secondary teaching students must complete a one-quarter student teaching internship in the last year while enrolled in TEACH_ED 388-0 Student Teaching: Humanities or TEACH_ED 385-0 Student Teaching Seminar: Math or TEACH_ED 386-0 Student Teaching Seminar: Science.

Weinberg College of Arts and Sciences students who wish to pursue secondary teaching licensure must apply to the program by the fall of their third year and complete the requirements of the secondary teaching concentration. They also must complete the degree requirements of the Weinberg College of Arts and Sciences.

Students must also complete the Undergraduate Registration Requirement (https://catalogs.northwestern.edu/undergraduate/requirements-policies/undergraduate-registration-requirement/) and the degree requirements of their home school.

**Total requirements**—42 units

**Distribution requirements**—10 units

**Professional core**—12 units

**Teaching subject–area requirements**—varies

**Electives**—8 or fewer as needed to complete the 42-unit degree requirement

**Distribution Requirements (10 units)**

- 2 natural sciences courses
- 2 formal studies courses (mathematics, logic, etc.)
- 2 historical studies courses
- 2 ethics and values courses (TEACH_ED 302-0 Social Contexts of Education will count as 1 of these)
- 2 literature and fine arts courses

Selected courses from Weinberg College and professional schools across the University fulfill distribution requirements.

**Professional Core (12 units)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>SESP 201-0</td>
<td>Human Development: Childhood and Adolescence</td>
</tr>
<tr>
<td>TEACH_ED 302-0</td>
<td>Social Contexts of Education</td>
</tr>
<tr>
<td>TEACH_ED 310-0</td>
<td>Foundations of Learning in a New Language</td>
</tr>
<tr>
<td>TEACH_ED 322-0</td>
<td>Content Area Reading and Writing</td>
</tr>
<tr>
<td>TEACH_ED 327-0</td>
<td>Educating Exceptional Children</td>
</tr>
</tbody>
</table>

1 methods and techniques course chosen from:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>TEACH_ED 355-0</td>
<td>Methods &amp; Techniques: World Languages</td>
</tr>
<tr>
<td>TEACH_ED 356-0</td>
<td>Methods &amp; Techniques: English</td>
</tr>
<tr>
<td>TEACH_ED 357-0</td>
<td>Methods and Techniques: Secondary Mathematics</td>
</tr>
<tr>
<td>TEACH_ED 358-0</td>
<td>Methods and Techniques: Science</td>
</tr>
<tr>
<td>TEACH_ED 359-0</td>
<td>Methods &amp; Techniques: Social Science</td>
</tr>
</tbody>
</table>

1 middle grades methods course chosen from:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>TEACH_ED 366-0</td>
<td>Middle Grades Methods &amp; Techniques of Teaching: English</td>
</tr>
<tr>
<td>TEACH_ED 367-0</td>
<td>Middle Grades Methods &amp; Techniques of Teaching: Mathematics</td>
</tr>
<tr>
<td>TEACH_ED 368-0</td>
<td>Middle Grades Methods &amp; Techniques of Teaching: Science</td>
</tr>
<tr>
<td>TEACH_ED 369-0</td>
<td>Middle Grades Methods &amp; Techniques of Teaching: Social Sciences</td>
</tr>
</tbody>
</table>

1 practicum/seminar:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>TEACH_ED 378-0</td>
<td>Theory and Practice of Teaching: Secondary Humanities</td>
</tr>
<tr>
<td>or TEACH_ED 375-0</td>
<td>Theory &amp; Practice of Teaching: Math</td>
</tr>
<tr>
<td>or TEACH_ED 376-0</td>
<td>Theory &amp; Practice of Teaching: Science</td>
</tr>
</tbody>
</table>

1 student teaching seminar (4 units):

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>TEACH_ED 388-0</td>
<td>Student Teaching: Humanities</td>
</tr>
<tr>
<td>or TEACH_ED 385-0</td>
<td>Student Teaching Seminar: Math</td>
</tr>
<tr>
<td>or TEACH_ED 386-0</td>
<td>Student Teaching Seminar: Science</td>
</tr>
</tbody>
</table>

1 PSYCH 244-0 Developmental Psychology for non-SESP students
2 PSYCH 110 is a prerequisite for PSYCH 244-0.

**Teaching Subject–Area Requirements (12–20.72 units)**

Specific teaching subject–area courses prepare students to meet the requirements of the Illinois State Board of Education. Teaching subject–area requirements may differ from those of a departmental major, and departmental course offerings change frequently. Secondary teaching candidates must meet regularly with the secondary teaching adviser to ensure that requirements are met. In the event that courses listed here are no longer offered by the departments, suitable replacements will be found. Students are also responsible for any prerequisites. The unit totals below are approximate minimums. Exact unit totals depend on options chosen.

**Biological and Physical Sciences**

**Biological Sciences (20.06 units)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL_SCI 201-0</td>
<td>Molecular Biology</td>
</tr>
<tr>
<td>ASTRON 101-0</td>
<td>Modern Cosmology</td>
</tr>
<tr>
<td>or ASTRON 120-0</td>
<td>Highlights of Astronomy</td>
</tr>
<tr>
<td>CHEM 110-0</td>
<td>Quantitative Problem Solving in Chemistry</td>
</tr>
<tr>
<td>&amp; CHEM 131-0</td>
<td>and General Chemistry</td>
</tr>
<tr>
<td>&amp; CHEM 141-0</td>
<td>and General Chemistry Laboratory</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>CHEM 151-0</td>
<td>Accelerated General Chemistry</td>
</tr>
<tr>
<td>&amp; CHEM 161-0</td>
<td>and Accelerated General Chemistry Laboratory</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>CHEM 171-0</td>
<td>Advanced General Inorganic Chemistry</td>
</tr>
<tr>
<td>&amp; CHEM 181-0</td>
<td>and Advanced General Inorganic Chemistry Laboratory</td>
</tr>
<tr>
<td>EARTH 201-0</td>
<td>Earth Systems Revealed</td>
</tr>
</tbody>
</table>

1-2
Chemistry (20.72 units)

<table>
<thead>
<tr>
<th>Course</th>
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</tr>
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<tbody>
<tr>
<td>CHEM 110-0</td>
<td>Quantitative Problem Solving in Chemistry</td>
</tr>
<tr>
<td>&amp; CHEM 131-0</td>
<td>and General Chemistry</td>
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<td>and General Chemistry Laboratory</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>CHEM 151-0</td>
<td>Accelerated General Chemistry 1</td>
</tr>
<tr>
<td>&amp; CHEM 161-0</td>
<td>and Accelerated General Chemistry Laboratory</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>CHEM 171-0</td>
<td>Advanced General Inorganic Chemistry</td>
</tr>
<tr>
<td>&amp; CHEM 181-0</td>
<td>and Advanced General Inorganic Chemistry Laboratory</td>
</tr>
<tr>
<td>EARTH 201-0</td>
<td>Earth Systems Revealed</td>
</tr>
<tr>
<td>ENVR_SCI 201-0</td>
<td>Earth: A Habitable Planet</td>
</tr>
<tr>
<td>ENVR_SCI 202-0</td>
<td>The Health of the Biosphere</td>
</tr>
</tbody>
</table>

3 additional chemistry courses and required labs:

| CHEM 132-0      | General Chemistry 2                        |
| & CHEM 142-0    | and General Chemistry Laboratory           |
| OR              |                                            |
| CHEM 172-0      | Advanced General Physical Chemistry        |
| & CHEM 182-0    | and Advanced General Physical Chemistry Laboratory |
| OR              |                                            |
| CHEM 152-0      | Accelerated General Chemistry 2            |
| & CHEM 162-0    | and Accelerated General Chemistry Laboratory |
| CHEM 212-1      | Organic Chemistry                          |
| & CHEM 232-1    | and Organic Chemistry Laboratory I         |
| or CHEM 215-1   | Organic Chemistry I                        |
| & CHEM 235-1    | and Organic Chemistry Lab I                |
| CHEM 212-2      | Organic Chemistry                          |
| & CHEM 232-2    | and Organic Chemistry Laboratory II        |
| or CHEM 215-2   | Organic Chemistry II                       |
| & CHEM 235-2    | and Organic Chemistry Lab II               |

5 additional biological sciences courses plus 3 labs:

| BIOL_SCI 202-0  | Cell Biology                               |
| BIOL_SCI 203-0  | Genetics and Evolution                     |
| BIOL_SCI 301-0  | Principles of Biochemistry                 |

1 chosen from:

| BIOL_SCI 341-0  | Population Genetics                        |
| BIOL_SCI 342-0  | Evolutionary Processes                     |
| BIOL_SCI 392-0  | Developmental Genetics Laboratory          |

1 additional 300-level biological sciences course (SESP students)  
3 labs:

| BIOL_SCI 232-0  | Molecular and Cellular Processes Laboratory |
| BIOL_SCI 233-0  | Genetics and Molecular Processes Laboratory|
| BIOL_SCI 234-0  | Investigative Laboratory                   |

1 For Weinberg College students: additional courses as needed to meet requirements for the major.

Chemistry (14.36 units)

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>ASTRON 101-0</td>
<td>Modern Cosmology</td>
</tr>
<tr>
<td>or ASTRON 120-0</td>
<td>Highlights of Astronomy</td>
</tr>
<tr>
<td>BIOL_SCI 103-0</td>
<td>Diversity of Life</td>
</tr>
<tr>
<td>CHEM 110-0</td>
<td>Quantitative Problem Solving in Chemistry</td>
</tr>
<tr>
<td>&amp; CHEM 131-0</td>
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<td>&amp; CHEM 141-0</td>
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<tr>
<td>or CHEM 171-0</td>
<td>Advanced General Inorganic Chemistry</td>
</tr>
<tr>
<td>&amp; CHEM 181-0</td>
<td>and Advanced General Inorganic Chemistry Laboratory</td>
</tr>
<tr>
<td>EARTH 201-0</td>
<td>Earth Systems Revealed</td>
</tr>
</tbody>
</table>

7 core science courses plus labs:

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<tr>
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<tr>
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<td>Highlights of Astronomy</td>
</tr>
<tr>
<td>BIOL_SCI 103-0</td>
<td>Diversity of Life</td>
</tr>
</tbody>
</table>

OR

| CHEM 151-0      | Accelerated General Chemistry 1            |
| & CHEM 161-0    | and Accelerated General Chemistry Laboratory|
| EARTH 201-0     | Earth Systems Revealed                     |

Secondary Teaching
### English

#### English (13 units)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGLISH 210-1</td>
<td>British Literary Traditions</td>
</tr>
<tr>
<td>&amp; ENGLISH 210-2</td>
<td>and British Literary Traditions</td>
</tr>
<tr>
<td>or ENGLISH 270-1</td>
<td>and American Literary Traditions</td>
</tr>
<tr>
<td>&amp; ENGLISH 270-2</td>
<td>and American Literary Traditions</td>
</tr>
<tr>
<td>ENGLISH 300-0</td>
<td>Seminar in Reading and Interpretation</td>
</tr>
<tr>
<td>TEACH_ED 324-0</td>
<td>Critical Issues in Literacy</td>
</tr>
</tbody>
</table>

9 additional courses, including at least 4 at the 300 level:
- At least 3 world literature courses chosen from but not limited to:
  - COMP_LIT 201-0: Reading World Literature
  - COMP_LIT 202-0: Interpreting Culture
  - COMP_LIT 270-0: Literatures in Translation
  - COMP_LIT 301-0: Studies in World Literature
  - COMP_LIT 303-0: Movements and Periods
  - ENGLISH 365-0: Studies in Postcolonial Literature
  - ENGLISH 369-0: Studies in African Literature
  - ENGLISH 369-CN: Studies in African Literature

At least 3 literature courses representing different genders, ethnicities and social classes chosen from but not limited to:
- ENGLISH 274-0: Introduction to Native American and Indigenous Literatures
- ENGLISH 275-0: Introduction to Asian American Literature
- ENGLISH 277-0: Introduction to Latina and Latino Literature
- ENGLISH 366-0: Studies in African American Literature
- ENGLISH 374-0: Topics in Native American and Indigenous Literatures
- ENGLISH 375-0: Topics in Asian American Literature
- ENGLISH 377-0: Topics in Latina and Latino Literature
- COMP_LIT 205-0: Reading Difference
- COMP_LIT 306-0: Studies in Race & Ethnicity
- COMP_LIT 307-0: Studies in Gender, Sexuality & Representation

3 additional courses chosen from the following:
- COMP_LIT 305-0: Studies in Film, Media, and Visual Culture
- ENGLISH 206-0: Reading & Writing Poetry
- ENGLISH 207-0: Reading and Writing Fiction
- ENGLISH 208-0: Reading & Writing Creative Non-Fiction
- ENGLISH 308-0: Advanced Creative Nonfiction Writing
- ENGLISH 386-0: Studies in Literature and Film
- JOUR 201-1: Fundamentals of Reporting & Writing News
- JOUR 201-2: Fundamentals of Video Journalism
- JOUR 291-0: Intro to Podcasting
- RTVF 190-0: Media Construction
- RTVF 220-0: Analyzing Media Texts

### Spanish

#### Spanish (13 units)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Students must earn a score of upper-intermediate or higher on the ACTFL OPI for licensure.</td>
<td></td>
</tr>
<tr>
<td>TEACH_ED 328-0</td>
<td>Dynamics of Middle School Curriculum</td>
</tr>
</tbody>
</table>

12 Spanish language, literature, and culture and civilization courses, including at least 5 at the 300 level:

3 courses chosen from:
- SPANISH 200-0: Language in Context: Latinx, Language and Culture
- SPANISH 201-0: Advanced Spanish I: Current Topics through Media
- SPANISH 202-0: Conversation on Current Topics
- SPANISH 204-0: Advanced Spanish II: Artivism in Times of Political Change
- SPANISH 208-0: Spanish and the Community

2 courses chosen from:
- SPANISH 250-0: Literature in Spain before 1700
- SPANISH 251-0: Literature in Spain since 1700
- SPANISH 260-0: Literature in Latin America before 1888
- SPANISH 261-0: Literature in Latin America since 1888

3 literature courses with at least 2 focusing on Latin-American literature selected from the following:
- SPANISH 231-0: The "New" Latin American Narrative (Taught in English)
- SPANISH 232-0: Discovering Jewish Latin America
- SPANISH 277-0: Introduction to Latina/o Literature
- SPANISH 223-0: Cervantes (Taught in English)
- SPANISH 320-0: Golden Age Poetry and Prose
- SPANISH 321-0: Golden Age Drama
- SPANISH 323-0: Cervantes' Don Quixote
- SPANISH 331-0: Realism in Spain: The Problem of Representation
- SPANISH 332-0: Avant-Garde Writers and Experimental Fiction in Spain
- SPANISH 340-0: Colonial Latin American Literature
- SPANISH 341-0: Latin American Modernismo
- SPANISH 343-0: Latin American Avant-Gardes
- SPANISH 345-0: Reading the ‘Boom’
- SPANISH 346-0: Testimonial Narrative in Latin America
- SPANISH 348-0: Readings in Latin American Short Fiction

3 Latin American/Latin-x culture and civilization courses including film, art, and history, from:
- SPANISH 361-0: Latin America: Studies in Culture and Society
- SPANISH 362-0: Citizenship and Urban Violence in Latin America
- SPANISH 364-0: Cultural Borders/Border Cultures
- SPANISH 380-0: Topics in Film: The Silver Screen in Latin America and/or Spain
- SPANISH 395-0: Topics in Latin American, Latina and Latino, and/or Iberian Cultures

Choose 1 from the following:
- SPANISH 280-0: Introduction to Spanish Linguistics
- SPANISH 281-0: Spanish Phonetics and Phonology
- SPANISH 302-0: Advanced Grammar

### Mathematics

#### Mathematics (12 units)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 courses (total number of courses may depend on the calculus sequence the student enrolls in) with at least 5 at the 300 level. No more than two AP credits may be counted toward the 12.</td>
<td></td>
</tr>
</tbody>
</table>
History (14 units)

Social Sciences

Foundation calculus courses:
- MATH 218-1 & MATH 218-2: Single-Variable Calculus with Precalculus
- MATH 218-3 & MATH 220-1: Single-Variable Calculus with Precalculus
- MATH 220-2: Single-Variable Differential Calculus
- MATH 220-2: Single-Variable Integral Calculus
- MATH 226-0: Sequences and Series
- MATH 230-1: Multivariable Differential Calculus
- MATH 230-2: Multivariable Integral Calculus

Additional required courses:
- MATH 240-0: Linear Algebra
- MATH 306-0: Combinatorics & Discrete Mathematics

1 probability and statistics course chosen from:
- MATH 310-1: Probability and Stochastic Processes
- SESP 210-0: Introduction to Statistics and Research Methodology
- STAT 210-0: Introduction to Probability and Statistics
- TEACH_ED 373-0: Topics in High School Math
- TEACH_ED 319-0: Teaching Math: Statistics and Probability

1 geometry course chosen from:
- MATH 340-0: Geometry
- TEACH_ED 318-0: Teaching Math: Geometry

Additional courses as needed to reach minimum 12 units

Political Science (15 units)

Course
- HISTORY 381-1 & HISTORY 381-2: Modern China: The Transition to Modern Times, 1600-1912
- HISTORY 382-0: The Modern Japanese City
- HISTORY 385-1: History of Modern South Asia, 1500-1800

Course
- HISTORY 386-0: History of Modern China: 1860-1943
- HISTORY 387-0: History of Modern Japan: War and Postwar Japan, 1943-present

Course
- HISTORY 388-0: History of Modern Latin America: Mexico and its Revolutions
- HISTORY 389-0: Development and Inequality in Modern Latin America

Economics (15 units)

Course
- ECON 201-0: Introduction to Macroeconomics
- ECON 202-0: Introduction to Microeconomics
- ECON 281-0: Introduction to Applied Econometrics
- ECON 310-1: Microeconomics
- ECON 310-2: Microeconomics
- ECON 311-0: Macroeconomics

Course
- ECON 319-0: Introduction to Microeconomics
- GEOG 313-0: North America
- POLI_SCI 240-0: Introduction to International Relations
- POLI_SCI 250-0: Introduction to Comparative Politics

Course
- PO_334-0: American Government and Politics
- POLI_SCI 220-0: American Government and Politics
- POLI_SCI 240-0: Introduction to International Relations
- POLI_SCI 250-0: Introduction to Comparative Politics

Course
- POLI_SCI 220-0: American Government and Politics
- POLI_SCI 240-0: Introduction to International Relations
- POLI_SCI 250-0: Introduction to Comparative Politics

Course
- POLI_SCI 310-0: Methods of Political Inference
- POLI_SCI 311-0: Logics of Political Inquiry
- POLI_SCI 312-0: Statistical Research Methods

Course
- POLI_SCI 313-0: Political Theory
- POLI_SCI 314-0: Introduction to Empirical Methods in Political Science

Course
- POLI_SCI 315-0: Methods of Political Inference
- POLI_SCI 316-0: Logics of Political Inquiry
- POLI_SCI 317-0: Statistical Research Methods

Course
- POLI_SCI 318-0: Development and Inequality in Modern Latin America
- POLI_SCI 319-0: History of Modern China: The Transition to Modern Times, 1600-1912
- POLI_SCI 320-0: The Modern Japanese City
- POLI_SCI 322-0: History of Modern Japan: War and Postwar Japan, 1943-present
- POLI_SCI 323-0: History of Modern South Asia, 1500-1800

Course
- POLI_SCI 324-0: History of Modern China: 1860-1943
- POLI_SCI 325-0: History of Modern Japan: War and Postwar Japan, 1943-present
- POLI_SCI 326-0: History of Modern Latin America: Mexico and its Revolutions
- POLI_SCI 327-0: Development and Inequality in Modern Latin America

Course
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- POLI_SCI 330-0: The Modern Japanese City
- POLI_SCI 331-0: History of Modern Japan: The Modern State, 1860-1943
- POLI_SCI 332-0: History of Modern Japan: War and Postwar Japan, 1943-present
- POLI_SCI 333-0: History of Modern South Asia, 1500-1800

Course
- TEACH_ED 334-0: Social Science Content for Teachers
- ECON 201-0: Introduction to Macroeconomics

Course
- TEACH_ED 334-0: Social Science Content for Teachers
- ECON 201-0: Introduction to Macroeconomics
ECON 202-0 Introduction to Microeconomics
GEOG 240-0 Economic Geography

Electives (varies)
Additional units of elective coursework must be taken to complete the 42-unit degree requirement. Students are encouraged to discuss their elective plans with the teacher certification manager.

Teacher Preparation Program
Students who wish to be licensed as teachers must apply to the SESP Teacher Preparation Program. This program is approved by the Illinois State Board of Education. Completion of the courses alone does not result in licensure, nor is licensure required for completion of the SESP degree.

Application and Admission
Students apply to the Teacher Preparation Program by the fall of their third year. To be admitted, they must have a minimum overall GPA of 2.5 and a minimum GPA of 3.0 in a humanities teaching subject–area or meet an annually calculated and determined GPA in math or science subject-areas. Additional admissions requirements include two letters of recommendation and responses to selected essay prompts. Students must be eligible for entrance to the program no later than the end of fall quarter of their third year.

Clinical Experience
Students in the Teacher Preparation Program complete two clinical experiences: a school practicum (typically during fall of the last year); and student teaching (typically during winter of the last year).

To be eligible for the clinical experiences, students must have met the GPA requirements for and been admitted to the Teacher Preparation Program. Students need to be on track to have completed a minimum of 9 courses in the teaching subject area by the end of the practicum term for field-site placement with a department or teacher mentor at a local school. Additionally, students must be available to begin the practicum at the start of the field-site placement's academic school year. Please note that the students' practicum/student teaching field-site placement can be postponed, stopped or withdrawn due to concerns over their health or academic or professional performance.

Clinical experiences gained at the field-site are central to the discussion of methods and theories in the practicum seminar (TEACH_ED 378-0 or TEACH_ED 375-0 or TEACH_ED 376-0) and methodology courses (TEACH_ED 355-0–TEACH_ED 359-0).

To be eligible for student teaching, students must have successfully completed the applicable TEACH_ED 355-0–TEACH_ED 359-0 course(s) as well as TEACH_ED 378-0 or TEACH_ED 375-0 or TEACH_ED 376-0, earned a passing score on the applicable ILTS Content-Area Test, fulfilled minimum GPA requirements for student teaching, completed 9 teaching subject–area courses and have been recommended for continuation to student teaching. Most school districts also require a criminal background check.

Student teaching involves full-time placement in a local school for the entire quarter. Teacher candidates attend an evening seminar (TEACH_ED 385-0, TEACH_ED 386-0 or TEACH_ED 388-0). The internship and seminar together earn 4 units. No other courses are taken concurrently. Teacher candidates are evaluated by their school mentor, a Northwestern supervisor, and the seminar instructor.

Other Licensure Requirements
In addition to successful completion of the clinical experiences, all teacher candidates must successfully complete the Teacher Performance Assessment at the end of the practicum.

World language teacher candidates are required to complete the Oral Proficiency Interview of the ACTFL with a rating of upper-intermediate-high or better.

Recommendation for Licensure
Students are recommended for licensure when they successfully complete degree requirements, earn a rating of recommendation for licensure for practicum/student teaching and pass all outside tests as noted above. Although legal requirements for licensure vary from state to state, the SESP Teacher Preparation Program is flexible enough to permit students who plan carefully to complete provisional requirements for most states. As it is easier to obtain a teaching license in another state through reciprocity than through independent certification, all students who complete the program and are eligible are encouraged to apply for an Illinois license before leaving the state.

Students should apply for the license immediately upon graduation. Teacher Preparation Program graduates who are recommended, but do not apply for certification upon graduation may not be eligible for certification at a later date due to changes in state requirements.

The Illinois School Code has provided that school districts may not knowingly employ individuals who have been convicted of certain offenses (principally those related to sex or drugs). Illinois school districts require applicants to submit to a criminal background check.

TEACH_ED 301-0 Schooling in America (1 Unit) This course will explore the development of schools in the United States by understanding the ideologies and decisions (pedagogical and political) that have shaped schools over 200 years.

TEACH_ED 302-0 Social Contexts of Education (1 Unit) Societal structures that organize, supply, and channel individual learning experiences and how they provide the formal and informal settings in which social interaction takes place, particularly in urban settings. How participation in these socializing settings molds the development of individuals' capacities and forms their goals. Taught with LRN_SCI 302-0; may not receive credit for both courses.

TEACH_ED 304-0 Seminar on Teaching: Introduction to Schooling in Communities (1 Unit) Action research methods- including observation/field notes, interviewing, and artifact analysis-as means to understanding how schools work and how theory and practice relate. Includes 30 hours of field experience.

TEACH_ED 309-0 Speech & Communication in the School Environment (1 Unit) Communication in the classroom and school environment for teacher and student. Basic public speaking, interpersonal communication, creating a positive climate for classroom discourse, facilitating group activities.

TEACH_ED 310-0 Foundations of Learning in a New Language (1 Unit) Historical, political, sociocultural, and educational practices that impact linguistically and culturally diverse learners in American schools.

TEACH_ED 311-0 Elementary Science Methods (1 Unit) This course is designed to build your knowledge and skills at making science learning more meaningful for elementary students, based on current ideas and research about how teachers learn to teach science and how students learn science.
TEACH_ED 312-0 Elementary Social Studies Methods (1 Unit)  This course provides students with an overview of the field of social studies, selected issues in the field and research based strategies for teaching social studies to elementary students.

TEACH_ED 313-0 Problems in the Philosophy of Education (1 Unit)  Classical and modern philosophies of education. Text interpretation, analysis of ideas, argument construction; relationship of philosophy to educational issues. Students develop their own philosophy of education.

TEACH_ED 314-0 Math for Elementary Teachers (1 Unit)  Math for Elementary Teachers.

TEACH_ED 318-0 Teaching Math: Geometry (1 Unit)  The course is intended to deepen conceptual understanding of middle school and high school geometry topics, especially as related to attributes and relationships of geometric objects.

TEACH_ED 319-0 Teaching Math: Statistics and Probability (1 Unit)  This course aims to effectively prepare teachers to help middle school and high school students "learn with understanding" the fundamentally important statistics and probability concepts and skills that are needed for today's world and that are articulated in the Common Core State Standards.

TEACH_ED 321-0 Content Area Reading and Writing (Elementary) (1 Unit)  This class surveys various aspects of children's literature: poetry, folk and fairy tales, picture books, and novels.

TEACH_ED 322-0 Content Area Reading and Writing (1 Unit)  Theory and practical methods of reading methodology to enable teacher candidates to scaffold the literacy skills of English-language learners and students not reading at grade level.

TEACH_ED 323-0 Elementary Literacy Methods & Content (1 Unit)  In the course participants will gain an understanding of the cognitive foundations of reading comprehension and their influence on methods of instruction and assessment, as well as the interrelationships between reading processes and language learning.

TEACH_ED 324-0 Critical Issues in Literacy (1 Unit)  Continues on the work in MS_ED 422-0 and TEACH_ED 322-0, delving deeply into critical literacy issues.

TEACH_ED 326-0 Elementary Math: Methods and Content (1 Unit)  The course provides an overview of mathematical topics taught in elementary and middle school. Course participants learn in small groups and reflect on their own and children's learning. Pedagogical contexts for the mathematical concepts are provided.

TEACH_ED 327-0 Educating Exceptional Children (1 Unit)  Students with disabilities, including learning disabilities resulting from human development and/or accidents; understanding and application of approved emergency, educational, and rehabilitative activities; interrelationships with medical, health, and educational personnel.

TEACH_ED 328-0 Dynamics of Middle School Curriculum (1 Unit)  Identifying and understanding the effects of middle school dynamics (principles, structures, and practices) on classroom learning and instruction. Focuses on the development and social problems of fifth through eighth graders.

TEACH_ED 329-0 Cognition and Culture in Teaching and Learning (1 Unit)  This course is an exploration of the theoretical foundations of research on culture and cognition and how to apply these ideas to views of learning and teaching in a variety of settings. Students enrolled in the course can still receive credit if LOC/LRN_SCI 214 has already been taken. This course builds on topics from LRN_SCI 301 with an emphasis on classroom environment.

TEACH_ED 333-0 Science Content for Teachers (1 Unit)  This course utilizes a discussion format with a heavy emphasis on critical thinking and skills based activities. The inquiry/discussion approach will help us delve into the concepts of ecology & earth systems found on the Illinois Licensure Test.

TEACH_ED 334-0 Social Science Content for Teachers (1 Unit)  Students will explore ways to select social studies content that is both meaningful and empowering for their students by engaging with texts that critically examine various social studies topics.

TEACH_ED 336-0 Instructional Design & Assessment (1 Unit)  Students will gain an overview of various approaches to curriculum design and instructional models, and will investigate several kinds of assessments, including formative and summative, and how those assessments are linked to instructional design, teaching and learning. Opportunities will be given to practice grading, providing good feedback, and managing a class assessment system.

TEACH_ED 338-0 Learning and Teaching with Technology (1 Unit)  Theory and practice of designing school environments that integrate new technologies and media. Taught with LRN_SCI 338-0; may not receive credit for both courses.

TEACH_ED 351-0 Special Topics in Teacher Education (1 Unit)  Advanced work on special topics.

TEACH_ED 355-0 Methods & Techniques: World Languages (1 Unit)  Analysis of research, teaching methodologies, and literature related to the content area. Focuses on learning experiences, methods, and educational techniques appropriate for elementary, middle school, and high school students. Concurrent registration in TEACH_ED 378-0 or TEACH_ED 379-0 required.

TEACH_ED 356-0 Methods & Techniques: English (1 Unit)  Analysis of research, teaching methodologies, and literature related to the content area. Learning experiences, methods, and educational techniques appropriate for high school students.

TEACH_ED 357-0 Methods and Techniques: Secondary Mathematics (1 Unit)  See description for MS_ED 456-0.

TEACH_ED 358-0 Methods and Techniques: Science (1 Unit)  See description for MS_ED 456-0.

TEACH_ED 359-0 Methods & Techniques: Social Science (1 Unit)  See description for MS_ED 456-0.

TEACH_ED 366-0 Middle Grades Methods & Techniques of Teaching: English (1 Unit)

TEACH_ED 367-0 Middle Grades Methods & Techniques of Teaching: Mathematics (1 Unit)

TEACH_ED 368-0 Middle Grades Methods & Techniques of Teaching: Science (1 Unit)

TEACH_ED 369-0 Middle Grades Methods & Techniques of Teaching: Social Sciences (1 Unit)

TEACH_ED 373-0 Topics in High School Math (1 Unit)  Content varies.

TEACH_ED 375-0 Theory & Practice of Teaching : Math (1 Unit)  Exploration of education theory in the seminar, plus 10 hours a week of fieldwork. Concurrent registration in the applicable methods and techniques course (TEACH_ED 355-0 - TEACH_ED 359-0) required. Prerequisites: TEACH_ED 304-0 and passing score on the ILTS Test of Academic Proficiency.

TEACH_ED 376-0 Theory & Practice of Teaching : Science (1 Unit)  Exploration of education theory in the seminar, plus 10 hours a week of fieldwork. Concurrent registration in the applicable methods and technologies and media. Taught with LRN_SCI 338-0; may not receive credit for both courses.
techniques course (TEACH_ED 355-0 - TEACH_ED 359-0) required. Prerequisites: TEACH_ED 304-0 and passing score on the ILTS Test of Academic Proficiency.

**TEACH_ED 377-0 Theory and Practice of Teaching: Elementary Teaching**
(1 Unit) The teaching practicum encompasses a ten-week period of part-time experience under the direction of two classroom mentors. It is performed two different sites — urban and suburban, is organized in conjunction with a subject-specific methods tutorial, and is accompanied by a weekly practicum seminar.

**TEACH_ED 378-0 Theory and Practice of Teaching: Secondary Humanities** (1 Unit) Exploration of education theory in the seminar, plus 10 hours a week of fieldwork. Concurrent registration in the applicable methods and techniques course (TEACH_ED 355-0 - TEACH_ED 359-0) required. Prerequisites: TEACH_ED 304-0 and passing score on the ILTS Test of Academic Proficiency.

**TEACH_ED 379-0 Theory and Practice of Teaching: Secondary Math/Science** (1 Unit) See description for MS_ED 478-0.

**TEACH_ED 385-0 Student Teaching Seminar: Math** (4 Units) See description for TEACH_ED 388-0.

**TEACH_ED 386-0 Student Teaching Seminar: Science** (4 Units) See description for TEACH_ED 388-0.

**TEACH_ED 387-0 Student Teaching: Elementary** (4 Units) "Seminar and accompanying full time, 10-week internship involving intensive clinical experience and teaching under the supervision of a mentor. Prerequisites: TEACH_ED 304-0; TEACH_ED 378-0 or TEACH_ED 379-0; applicable course(s) from TEACH_ED 355-0 - TEACH_ED 359-0; successful completion of the practicum experience; passing score on the applicable ILTS Content Area Test.”

**TEACH_ED 388-0 Student Teaching: Humanities** (4 Units) Seminar and accompanying fulltime, 10-week internship involving intensive clinical experience and teaching under the supervision of a mentor. Prerequisites: TEACH_ED 304-0; TEACH_ED 378-0 or TEACH_ED 379-0; applicable course(s) from TEACH_ED 355-0 - TEACH_ED 359-0; successful completion of the practicum experience; passing score on the applicable ILTS Content Area Test.

**TEACH_ED 389-0 Student Teaching Seminar: Math/Science** (4 Units) See description for TEACH_ED 388-0.