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, French or Spanish—with teacher education courses like child and adolescent development, and education theory and methods. The program leads to an Illinois Professional Educator license as well as a bachelor of science in education and social policy degree upon completion of licensure and degree requirements. 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 four unit student teaching internship in the last year while enrolled in TEACH_ED 388-0 Student Teaching in Multilingual & Multicultural Contexts: Secondary Humanities or TEACH_ED 385-0 Student Teaching in Multilingual and Multicultural Contexts: Secondary Math or TEACH_ED 386-0 Student Teaching in Multilingual and Multicultural Contexts: Secondary Science.

Northwestern undergraduates in schools other than SESP (i.e. Weinberg College of Arts and Sciences, School of Communication, etc.) have the option to complete requirements for teacher licensure eligibility while staying in their home schoool.

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

Foundational discipline 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

Foundational Discipline Requirements (10 units)

- 2 natural sciences courses
- 2 empirical and deductive reasoning courses
- 2 historical studies courses
- 2 ethical and evaluative thinking courses (TEACH_ED 302-0 Social, Cultural, and Linguistic Contexts of Education will count as 1 of these)
- 2 literature and arts courses

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

Professional Core (12 units)

Course	Title
SESP 201-0	Human Development: Childhood and Adolescence [1,2]
TEACH_ED 302-0	Social, Cultural, and Linguistic Contexts of Education
TEACH_ED 310-0	Foundations of Learning in a New Language
TEACH_ED 322-0	Linguistics Informed Approaches to Literacy
TEACH_ED 327-0	Educating Exceptional Children
1 methods and techniques course chosen from:	
TEACH_ED 355-0	Methods & Techniques: World Languages
TEACH_ED 356-0	Methods & Techniques: English
TEACH_ED 357-0	Methods and Techniques: Secondary Mathematics
TEACH_ED 358-0	Methods and Techniques: Science
TEACH_ED 359-0	Methods & Techniques: Social Science
1 middle grades methods course chosen from:	
TEACH_ED 328-0	Dynamics of Middle School Curriculum
TEACH_ED 366-0	Middle Grades Methods & Techniques of Teaching: English
TEACH_ED 367-0	Middle Grades Methods & Techniques of Teaching: Mathematics
TEACH_ED 368-0	Middle Grades Methods & Techniques of Teaching: Science
TEACH_ED 369-0	Middle Grades Methods & Techniques of Teaching: Social Sciences
1 practicum/seminar:	
TEACH_ED 378-0	Theory & Practice of Tchg in Multiling. & Multicult. Contexts: Sec. Humanities
or TEACH_ED 375-0	Theory & Practice of Tchg in Multiling. & Multicult. Contexts: Secondary Math
or TEACH_ED 376-0	Theory & Practice of Tchg in Multiling. & Multicult. Contexts: Secondary Science
1 student teaching seminar (4 units):	
TEACH_ED 388-0	Student Teaching in Multilingual & Multicultural Contexts: Secondary Humanities
or TEACH_ED 385-0	Student Teaching in Multilingual and Multicultural Contexts: Secondary Math
or TEACH_ED 386-0	Student Teaching in Multilingual and Multicultural Contexts: Secondary Science

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)

Course	Title
6 core science courses plus labs:	
BIOL_SCI 201-0	Molecular Biology
CHEM 110-0 & CHEM 131-0 & CHEM 141-0	Quantitative Problem Solving in Chemistry and Fundamentals of Chemistry I and Fundamentals of Chemistry Laboratory I
OR	

CHEM 151-0 & CHEM 161-0	General Chemistry I and General Chemistry Laboratory I
OR	
CHEM 171-0 & CHEM 181-0	Advanced General Inorganic Chemistry and Advanced General Inorganic Chemistry Laboratory
EARTH 210-0	Earth Systems Science and Climate Change
PHYSICS 130-1 & PHYSICS 130-2 & PHYSICS 130-3 & PHYSICS 136-1 & PHYSICS 136-2 & PHYSICS 136-3	College Physics and College Physics and College Physics and General Physics Laboratory and General Physics Laboratory and General Physics Laboratory
or PHYSICS 135-1 & PHYSICS 135-2 & PHYSICS 135-3 & PHYSICS 136-1 & PHYSICS 136-2 & PHYSICS 136-3	General Physics and General Physics and General Physics and General Physics Laboratory and General Physics Laboratory and General Physics Laboratory
2 course from Earth and Planetary Sciences (1 Earth and 1 Planetary):	
ASTRON 101-0	Modern Cosmology
or ASTRON 120-0	Highlights of Astronomy
EARTH 214-0	Physical Earth Science
TEACH_ED 333-0	Science Content for Teachers
3 additional chemistry courses and required labs:	
CHEM 132-0 & CHEM 142-0	Fundamentals of Chemistry II and Fundamentals of Chemistry Laboratory II
OR	
CHEM 152-0 & CHEM 162-0	General Chemistry II and General Chemistry Laboratory II
OR	
CHEM 172-0 & CHEM 182-0	Advanced General Physical Chemistry and Advanced General Physical Chemistry Laboratory
CHEM 215-1 & CHEM 235-1	Organic Chemistry I and Organic Chemistry Lab I
or CHEM 217-1 & CHEM 237-1	Accelerated Organic Chemistry I and Accelerated Organic Chemistry Laboratory I
CHEM 215-2 & CHEM 235-2	Organic Chemistry II and Organic Chemistry Lab II
or CHEM 217-2 & CHEM 237-2	Accelerated Organic Chemistry II and Accelerated Organic Chemistry Laboratory 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 additional 300-level genetics or evolution course chosen from but not limited to:	
BIOL_SCI 341-0	Population Genetics
BIOL_SCI 342-0	Evolutionary Processes
BIOL_SCI 392-0	Morphogenesis
BIOL_SCI 393-0	Human Genomics
BIOL_SCI 395-0	Molecular Genetics
BIOL_SCI 396-0	Evolution and Diversity: Mushroom Genetics and Genomics
1 additional 300-level biological sciences course (SESP students) [1]	
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 (20.72 units)

Course	Title
7 core science courses plus labs:	
PHYSICS 135-1 & PHYSICS 135-2 & PHYSICS 135-3 & PHYSICS 136-1 & PHYSICS 136-2 & PHYSICS 136-3	General Physics and General Physics and General Physics and General Physics Laboratory and General Physics Laboratory and General Physics Laboratory
EARTH 210-0	Earth Systems Science and Climate Change
BIOL_SCI 164-0	Basic Genetics and Evolution
OR	
BIOL_SCI 201-0 & BIOL_SCI 202-0 & BIOL_SCI 232-0	Molecular Biology and Cell Biology and Molecular and Cellular Processes Laboratory
CHEM 110-0 & CHEM 131-0 & CHEM 141-0	Quantitative Problem Solving in Chemistry and Fundamentals of Chemistry I and Fundamentals of Chemistry Laboratory I
OR	
CHEM 151-0 & CHEM 161-0	General Chemistry I and General Chemistry Laboratory I
OR	
CHEM 171-0 & CHEM 181-0	Advanced General Inorganic Chemistry and Advanced General Inorganic Chemistry Laboratory
2 courses from Earth and Planetary Sciences (1 Earth and 1 Planetary):	
ASTRON 101-0	Modern Cosmology
or ASTRON 120-0	Highlights of Astronomy
EARTH 214-0	Physical Earth Science
TEACH_ED 333-0	Science Content for Teachers
6 additional chemistry courses and required labs:	
CHEM 132-0 & CHEM 142-0	Fundamentals of Chemistry II and Fundamentals of Chemistry Laboratory II
or CHEM 152-0 & CHEM 162-0	General Chemistry II and General Chemistry Laboratory II
OR	
CHEM 172-0 & CHEM 182-0	Advanced General Physical Chemistry and Advanced General Physical Chemistry Laboratory
CHEM 220-0	Introductory Instrumental Analysis
CHEM 215-1 & CHEM 235-1	Organic Chemistry I and Organic Chemistry Lab I
or CHEM 217-1 & CHEM 237-1	Accelerated Organic Chemistry I and Accelerated Organic Chemistry Laboratory I
CHEM 215-2 & CHEM 235-2	Organic Chemistry II and Organic Chemistry Lab II
or CHEM 217-2 & CHEM 237-2	Accelerated Organic Chemistry II and Accelerated Organic Chemistry Laboratory II
CHEM 215-3 & CHEM 235-3	Organic Chemistry III and Organic Chemistry Lab III
or CHEM 217-3 & CHEM 235-3	Accelerated Organic Chemistry III and Organic Chemistry Lab III
CHEM 393-0	Green Chemistry
2 additional 300-level chemistry courses	

Physics (14.36 units)

Course	Title
5 core science courses plus labs:	
BIOL_SCI 103-0	Diversity of Life
CHEM 110-0 & CHEM 131-0 & CHEM 141-0	Quantitative Problem Solving in Chemistry and Fundamentals of Chemistry I and Fundamentals of Chemistry Laboratory I
or CHEM 171-0 & CHEM 181-0	Advanced General Inorganic Chemistry and Advanced General Inorganic Chemistry Laboratory
or	
CHEM 151-0 & CHEM 161-0	General Chemistry I and General Chemistry Laboratory I
PHYSICS 135-1 & PHYSICS 135-2 & PHYSICS 135-3 & PHYSICS 136-1 & PHYSICS 136-2 & PHYSICS 136-3	General Physics and General Physics and General Physics and General Physics Laboratory and General Physics Laboratory and General Physics Laboratory
2 courses from Earth and Planetary Sciences (1 Earth and 1 Planetary)	
ASTRON 101-0	Modern Cosmology
or ASTRON 120-0	Highlights of Astronomy
EARTH 210-0	Earth Systems Science and Climate Change
TEACH_ED 333-0	Science Content for Teachers
6 additional physics courses:	
PHYSICS 239-0	Foundations of Modern Physics
PHYSICS 330-1	Classical Mech
PHYSICS 332-0	Statistical Mechanics
PHYSICS 333-1	Advanced Electricity & Magnetism
2 additional physics courses including at least 1 at the 300 level	

English

English (13 units)

Course	Title
ENGLISH 300-0	Seminar in Reading and Interpretation
TEACH_ED 324-0	Critical Issues in Literacy
2 British Literature courses or 2 American Literature courses below but not limited to:	
ENGLISH 240-0 & ENGLISH 250-0	British Literary Traditions and British Literary Traditions
or ENGLISH 266-0 & ENGLISH 270-0	Introduction to African American Literature and American Literary Traditions
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 Latinx Literature
ENGLISH 366-0	Studies in African American Literature
ENGLISH 374-0	Studies in Native American and Indigenous Literatures
ENGLISH 375-0	Studies in Asian American Literature
ENGLISH 377-0	Topics in Latinx 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, but not limited to:	
COMP_LIT 305-0	Studies in Film, Media, and Visual Culture
ENGLISH 206-0	Reading & Writing Poetry
ENGLISH 207-0	Reading & Writing Fiction
ENGLISH 208-0	Reading & Writing Creative Nonfiction
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
RTVF 190-0	Media Construction
RTVF 220-0	Analyzing Media Texts

Spanish

Spanish (12 units)

Course	Title
Students must earn a score of upper-intermediate or higher on the ACTFL OPI for licensure.	
12 Spanish language, literature, and culture and civilization courses, including at least 5 at the 300 level:	
3 courses chosen from but not limited to:	
SPANISH 200-0	Advanced Spanish for Heritage Learners: Claiming Our Stories
SPANISH 201-0	Advanced Spanish I: Contemporary Latin America
SPANISH 202-0	Conversation on Current Topics
SPANISH 204-0	Advanced Spanish II: Artivism in the Spanish-Speaking World
SPANISH 208-0	Spanish and the Community
2 courses chosen from but not limited to:	
SPANISH 250-0	Literature in Spain before 1700
SPANISH 251-0	Literature in Spain since 1700
SPANISH 260-0	Literature in Colonial Latin America
SPANISH 261-0	Literature in Modern Latin America
3 literature courses with at least 2 focusing on Latin-American literature selected from the following but not limited to:	
SPANISH 231-0	The "New" Latin American Narrative (Taught in English)
SPANISH 232-0	Discovering Jewish Latin America (Taught in English)
SPANISH 277-0	Introduction to Latinx Literature (Taught in English)
SPANISH 223-0	Cervantes (Taught in English)
SPANISH 323-0	Cervantes' Don Quixote
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 344-0	Borges
SPANISH 345-0	Reading the 'Boom'
SPANISH 346-0	Testimonial Narrative in Latin America
SPANISH 347-0	Literature and Revolution 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, but not limited to:	

SPANISH 350-0	Visual Culture in Latina/o America and Spain
SPANISH 361-0	Latin America: Studies in Culture and Society
SPANISH 362-0	Citizenship and Urban Violence in Latin America
SPANISH 363-0	Topics in US Latina/o Literary and Cultural Studies
SPANISH 364-0	Cultural Borders/Border Cultures
SPANISH 380-0	Topics in Film 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

French

French (12 units)

Course	Title
Students must earn a score of upper-intermediate or higher on the ACTFL OPI for licensure.	
12 French language, literature, and culture and civilization courses, including at least 5 at the 300 level:	
Language & Composition:	
FRENCH 202-0	Cultural Encounters in Contemporary France
FRENCH 203-0	Oral Workshop: Individual and Society in France Today
FRENCH 300-0	French Phonetics
FRENCH 302-0	Advanced Writing: Finding Your Voice in French
or FRENCH 303-0	Advanced Conversation: Debating Contemporary France
Literature:	
FRENCH 210-0	Reading Literatures in French
FRENCH 271-0	Introducing the Novel
or FRENCH 273-0	Introducing Poetry
3 additional courses with readings and discussions in French chosen from but not limited to:	
FRENCH 310-0	The Middle Ages & Renaissance
FRENCH 322-0	Medieval French Narratives
FRENCH 333-0	Topics in Renaissance Literature
FRENCH 335-0	17th Century Literature
FRENCH 344-0	Rousseau and the French Revolution
FRENCH 346-0	Studies in the Enlightenment
FRENCH 350-0	The Novel in French
FRENCH 355-0	Topics in Modern and Contemporary French Literature and Culture (The Invention of Modernity)
FRENCH 360-0	From Modernism to Postmodernism
FRENCH 384-0	Women Writing in French
Culture & Civilization:	
FRENCH 201-0	Culture and Society
2 additional courses chosen from, but not limited to:	
FRENCH 211-0	Reading Cultures in French
FRENCH 301-0	Advanced Language in Context: Society and Popular Culture
FRENCH 362-0	African Literatures and Cultures
FRENCH 364-0	Caribbean Literatures and Cultures
FRENCH 365-0	The Maghreb and the Middle East
FRENCH 367-0	Transnational Francophone Studies
FRENCH 380-0	Political & Social Thought in France
FRENCH 390-0	Topics in Literature and Culture
FRENCH 395-0	Advanced Studies in Culture and Thought

Mathematics

Mathematics (12 units)

Course	Title
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.	
Foundation calculus courses:	
MATH 218-1 & MATH 218-2 & MATH 218-3	Single-Variable Calculus with Precalculus and Single-Variable Calculus with Precalculus and Single-Variable Calculus with Precalculus
or MATH 220-1 & MATH 220-2	Single-Variable Differential Calculus and 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	Topics in Teaching Math: Statistics and Probability
1 geometry course chosen from:	
MATH 340-0	Geometry
TEACH_ED 318-0	Topics in Teaching Math: Geometry
Additional courses as needed to reach minimum 12 units	

Social Sciences

History (14 units)

Course	Title
No more than 1 AP credit may be counted towards history course requirements.	
HISTORY 250-1 & HISTORY 250-2	Global History: Early Modern to Modern Transition and Global History: The Modern World
or HISTORY 201-1 & HISTORY 201-2	Europe in the Medieval and Early Modern World and Europe in the Modern World
2 U.S. History survey classes such as, but not limited to:	
HISTORY 210-1 & HISTORY 210-2	North America and the United States to 1865 and History of the United States, Reconstruction to the Present
HISTORY 393-0	Approaches to History
5 additional courses, including at least 4 at the 300 level:	
2 non-Western civilization courses such as:	
HISTORY 255-1 & HISTORY 255-2 & HISTORY 255-3	African Civilizations and Africa in the Age of Early Modern Empires and Modern Africa
HISTORY 270-0	Middle Eastern/Islamic Civilization
HISTORY 281-0	Chinese Civilization
HISTORY 284-1 & HISTORY 284-2	Ancient and Medieval Japan: From the Realm of the Gods to the Age of the Samurai and Early Modern Japan
HISTORY 356-1 & HISTORY 356-2	History of South Africa, Early Times to 1879 and History of South Africa, 1879-on
HISTORY 357-0	East Africa
HISTORY 358-0	Topics in West African History

HISTORY 366-0	Latin America in the Independence Era: American Indians and Nations
HISTORY 368-2	Revolutions in Latin America and the Caribbean from Haiti to Mexico
HISTORY 369-0	Development and Inequality in Modern Latin America
HISTORY 381-1 & HISTORY 381-2	Qing China and Modern China: The Twentieth Century
HISTORY 382-0	The Modern Japanese City
HISTORY 384-1 & HISTORY 384-2	History of Modern Japan: The Modern State, 1860-1943 and History of Modern Japan: War and postwar Japan, 1943-present
HISTORY 385-1	History of Modern South Asia, 1500-1800
3 additional history courses with at least 2 in US History	
4 courses to meet related core requirements in social sciences; no more than 1 may be met by AP credit:	
POLI_SCI 220-0	American Government and Politics
ECON 201-0	Introduction to Macroeconomics
Plus 2 from the following:	
TEACH_ED 334-0	Social Science Content for Teachers
ECON 202-0	Introduction to Microeconomics
POLI_SCI 240-0	Introduction to International Relations
POLI_SCI 250-0	Introduction to Comparative Politics

Economics (15 units)

Course	Title
8 economics courses:	
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
or ECON 311-0	Macroeconomics
3 additional economics courses at the 300 level	
6 history courses including four in U.S. history	
1 related core chosen from the list:	
TEACH_ED 334-0	Social Science Content for Teachers
POLI_SCI 220-0	American Government and Politics
POLI_SCI 240-0	Introduction to International Relations
POLI_SCI 250-0	Introduction to Comparative Politics

Political Science (15 units)

Course	Title
8 political science courses of which 5 must be at the 300 level:	
Choose at least 2 from:	
POLI_SCI 201-0	Introduction to Political Theory
POLI_SCI 220-0	American Government and Politics
POLI_SCI 240-0	Introduction to International Relations
POLI_SCI 250-0	Introduction to Comparative Politics
POLI_SCI 321-0	Urban Politics
1 course in methodology chosen from:	
POLI_SCI 210-0	Introduction to Empirical Methods in Political Science
POLI_SCI 211-0	Introduction to Interpretive Methods in Political Science
POLI_SCI 212-0	Evaluating Evidence
POLI_SCI 312-0	Statistical Research Methods
5 additional political science courses with at least two focusing on a region outside of North America	
6 history courses with four in U.S. history	
1 related core course chosen from the following:	
TEACH_ED 334-0	Social Science Content for Teachers
ECON 201-0	Introduction to Macroeconomics
ECON 202-0	Introduction to Microeconomics

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.

English as a Second Language (ESL) and Bilingual Education Endorsements (optional)

- Most requirements for these endorsements are met through other course work in this degree. To complete the endorsements students are encouraged to take the following courses:

Course	Title
TEACH_ED 320-0	Designing for Linguistically and Culturally Sustaining Instruction
or TEACH_ED 309-0	Designing and Supporting Discourse-Rich Environments for Learning
TEACH_ED 332-0	Assessment of Linguistically Diverse Students

Teacher Education Program

Students who wish to be licensed as teachers must apply to the SESP Teacher Education Program. Secondary Teaching within the 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 completing a teacher licensure pathway as an undergraduate apply to the Teacher Education Program by the fall of their third year. To be admitted, candidates 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 a letter of recommendation and a response to a selected essay prompt.

Clinical Experience

Students in the Teacher Education 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 Education 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. Adjustments to the timing of a clinical experience may be made on an individual case-by-case basis based on determined need; for example; those with an athletics scheduling conflict.

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, or equivalent as required by the Illinois State Board of Education, 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 Education 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 Education 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 sexual misconduct or drugs). Illinois school districts require applicants to submit to a criminal background check.

TEACH_ED 301-0 Schooling in America (1 Unit) The history and development of schooling in America. *SoC Individual and Social Behavior Distro*

TEACH_ED 302-0 Social, Cultural, and Linguistic Contexts of Education (1 Unit) The course draws from the interdisciplinary study of socio-cultural, linguistic, and contextual influences of education, as well as perspectives from learning, teaching, research and policy to deepen understandings of the contexts of teaching and learning. *SoC Individual and Social Behavior Distro*

TEACH_ED 309-0 Designing and Supporting Discourse-Rich Environments for Learning (1 Unit) This course addresses how to support discourse in the classroom, including designing discussion-based tasks, supporting students in academic discourse, creating a classroom climate supportive of discussion, questioning strategies and talk moves that facilitate discussion, and assessment in discussion-based tasks. We will examine current approaches to supporting effective classroom discussions drawn from different grade levels and academic disciplines. *SoC Individual and Social Behavior Distro*

TEACH_ED 310-0 Foundations of Learning in a New Language (1 Unit) This course engages pre-service teacher candidates in exploring historical, political, sociocultural, philosophical and educational practices that impact linguistically and culturally diverse learners in American schools. Topics include historical and current federal and state laws regarding the learning of English as a new language, foundations of first and second language acquisition, child development, sociocultural theory, and comparative international language instruction. *SoC Individual and Social Behavior Distro*

TEACH_ED 311-0 Elementary Science Methods and Content (1 Unit) This course prepares preservice teachers to teach science in the elementary grades. Inquiry is a grounding principle that will be explored in the context of science planning. Candidates will examine interdisciplinary planning and shared pedagogy, and methodologies for science. *SoC Individual and Social Behavior Distro SoC Mathematics, Science, and Technology Distro*

TEACH_ED 314-0 Mathematics for Elementary Teachers (1 Unit) This course builds content area knowledge in mathematics that is essential for elementary and middle grades teachers. In addition to rigorous practice in a wide range of mathematical topics, participants will study those topics conceptually and historically. Topics include counting, cardinality, operations, algebraic thinking, fractions, measurement, statistics, and geometry. *SoC Mathematics, Science, and Technology Distro*

TEACH_ED 315-0 Elementary Social Studies Methods and Content (1 Unit) This course prepares preservice teachers to teach social studies in the elementary grades. Inquiry is a grounding principle that will be explored in the context of social studies planning. Candidates will examine interdisciplinary planning and shared pedagogy, and methodologies for social studies. *SoC Individual and Social Behavior Distro*

TEACH_ED 318-0 Topics in Teaching Math: Geometry (1 Unit) This is a geometry content course for future math teachers. *SoC Mathematics, Science, and Technology Distro*

TEACH_ED 319-0 Topics in Teaching Math: Statistics and Probability (1 Unit) This is a statistics and probability content course for future math teachers. *SoC Mathematics, Science, and Technology Distro*

TEACH_ED 320-0 Designing for Linguistically and Culturally Sustaining Instruction (1 Unit) This course engages pre-service candidates in developing equitable and sustaining planning and instructional techniques reflective of the lives, languages, literacies, and cultural ways of being that represent the children they will teach. Through exploring diverse instructional practices, this course delves into understanding strategies and ways of thinking about content that transform the instructional experiences we can offer our students. *SoC Individual and Social Behavior Distro*

TEACH_ED 322-0 Linguistics Informed Approaches to Literacy (1 Unit) This course supports students in analyzing the aims of linguistic science as well as how linguistic concepts apply to teaching in a

variety of settings (including with multilingual students, monolingual students, and bilingual classrooms). Students will think about the complexities of language and how they connect with identity, culture, power, and schooling. A focal area will be content-area reading topics. *SoC Humanities and Fine Arts Distro SoC Individual and Social Behavior Distro*

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 current theory and practice related to literacy, and consider how they influence methods of instruction and assessment. This includes an emphasis on the interrelationships between reading processes and language learning as well as personal writing experiences, writing in various genres, and management of writing workshops. *SoC Individual and Social Behavior Distro*

TEACH_ED 324-0 Critical Issues in Literacy (1 Unit) Using political, psychological, and sociological lenses, this course deals with the interaction between theory and practice in literacy education across the curriculum. Issues include why we teach literature, how we teach writing, and how language interacts with other literacy strands. The course focuses on classroom implications and applications of these and related issues including the role of literacy in content areas. *SoC Humanities and Fine Arts Distro SoC Individual and Social Behavior Distro*

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. Review of research on children's conceptions of various mathematical topics, leading to a fuller comprehension of teaching and learning mathematics. *SoC Individual and Social Behavior Distro SoC Mathematics, Science, and Technology Distro*

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. *SoC Individual and Social Behavior Distro*

TEACH_ED 328-0 Dynamics of Middle School Curriculum (1 Unit) This course examines the unique characteristics of middle school learning and the educational needs of young adolescent learners. Students will compare and contrast a variety of middle school models, policy statements, visions and reforms. Major topics include public policy issues, adolescent development, standards and curriculum, assessment measures, instructional strategies, critical thinking, culturally responsive practices, interdisciplinary instruction, school leadership, and technology. *SoC Individual and Social Behavior Distro*

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 214-0 has already been taken. This course builds on topics from LRN_SCI 301-0 with an emphasis on classroom environment. *SoC Individual and Social Behavior Distro*

TEACH_ED 332-0 Assessment of Linguistically Diverse Students (1 Unit) This course engages pre-service teacher candidates in learning about a variety of assessment approaches, with special attention to the assessment of English-Language Learners. Issues of legality, bias, non-discriminatory policies, and ethical considerations that must accompany decisions about standards and practices used in the assessment of culturally and linguistically diverse students will be explored. *SoC Individual and Social Behavior Distro*

TEACH_ED 333-0 Science Content for Teachers (1 Unit) This class covers content for future science teachers, including earth and space science. *SoC Individual and Social Behavior Distro SoC Mathematics, Science, and Technology Distro*

TEACH_ED 334-0 Social Science Content for Teachers (1 Unit) The course includes content for future social studies teachers, including geography among other social science topics. *SoC Individual and Social Behavior Distro*

TEACH_ED 336-0 Instructional Design & Assessment (1 Unit) This course takes a closer look at the two most important areas of curriculum and instruction: Instructional Design and Assessment. Students will gain an overview of various approaches to curriculum design and instructional models. Students will investigate several kinds of assessments, and how those assessments are closely linked to instructional design, teaching, and learning. *SoC Individual and Social Behavior Distro*

TEACH_ED 338-0 Computational Tools for Justice and Inquiry-Based Learning (1 Unit) This course is designed to help teachers use models to explore new technologies, evaluate their educational potential, and develop scenarios of use consistent with their teaching philosophy. *SoC Individual and Social Behavior Distro*

TEACH_ED 351-0 Topics in Teaching and Learning (1 Unit) The MS_ED 451 topics number is used for new courses, or courses that are likely to only be offered a few times before changing. See department for a full description of the course. *SOC Additional Distro*

TEACH_ED 355-0 Methods & Techniques: World Languages (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. *SoC Humanities and Fine Arts Distro SoC Individual and Social Behavior Distro*

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. *SoC Humanities and Fine Arts Distro SoC Individual and Social Behavior Distro*

TEACH_ED 357-0 Methods and Techniques: Secondary Mathematics (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. *SoC Individual and Social Behavior Distro SoC Mathematics, Science, and Technology Distro*

TEACH_ED 358-0 Methods and Techniques: Science (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. *SoC Individual and Social Behavior Distro SoC Mathematics, Science, and Technology Distro*

TEACH_ED 359-0 Methods & Techniques: Social Science (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. *SoC Individual and Social Behavior Distro*

TEACH_ED 366-0 Middle Grades Methods & Techniques of Teaching: English (1 Unit) Analysis of research, teaching methodologies, and literature related to the content area. Learning experiences, methods,

and educational techniques appropriate for middle grade students. *SoC Humanities and Fine Arts Distro SoC Individual and Social Behavior Distro*

TEACH_ED 367-0 Middle Grades Methods & Techniques of Teaching: Mathematics (1 Unit) Analysis of research, teaching methodologies, and literature related to the content area. Learning experiences, methods, and educational techniques appropriate for middle grade students. *SoC Individual and Social Behavior Distro SoC Mathematics, Science, and Technology Distro*

TEACH_ED 368-0 Middle Grades Methods & Techniques of Teaching: Science (1 Unit) Analysis of research, teaching methodologies, and literature related to the content area. Learning experiences, methods, and educational techniques appropriate for middle grade students. *SoC Individual and Social Behavior Distro SoC Mathematics, Science, and Technology Distro*

TEACH_ED 369-0 Middle Grades Methods & Techniques of Teaching: Social Sciences (1 Unit) Analysis of research, teaching methodologies, and literature related to the content area. Learning experiences, methods, and educational techniques appropriate for middle grade students. *SoC Individual and Social Behavior Distro*

TEACH_ED 373-0 Topics in High School Math (1 Unit) Special topic determined by program need. See program for description when the course is offered. *SOC Additional Distro SoC Mathematics, Science, and Technology Distro*

TEACH_ED 375-0 Theory & Practice of Tchg in Multiling. & Multicult. Contexts: Secondary Math (1 Unit) This course is strategically designed to support teacher candidates in applying their theoretical understandings as they engage in the practices of observing, planning, teaching, assessing, and reflecting in their fall practicum. Asset-based pedagogies are central and teacher candidates will engage in a variety of experiences that help them learn about their students and school communities (including understanding students? linguistic repertoires). *SoC Individual and Social Behavior Distro SoC Mathematics, Science, and Technology Distro*

TEACH_ED 376-0 Theory & Practice of Tchg in Multiling. & Multicult. Contexts: Secondary Science (1 Unit) This course is strategically designed to support teacher candidates in applying their theoretical understandings as they engage in the practices of observing, planning, teaching, assessing, and reflecting in their fall practicum. Asset-based pedagogies are central and teacher candidates will engage in a variety of experiences that help them learn about their students and school communities (including understanding students? linguistic repertoires). *SoC Individual and Social Behavior Distro SoC Mathematics, Science, and Technology Distro*

TEACH_ED 377-0 Theory & Practice of Teaching in Multiling. & Multicult. Contexts: Elementary (1 Unit) This course is strategically designed to support teacher candidates in applying their theoretical understandings as they engage in the practices of observing, planning, teaching, assessing, and reflecting in their fall practicum. Asset-based pedagogies are central and teacher candidates will engage in a variety of experiences that help them learn about their students and school communities (including understanding students? linguistic repertoires). *SoC Individual and Social Behavior Distro*

TEACH_ED 378-0 Theory & Practice of Tchg in Multiling. & Multicult. Contexts: Sec. Humanities (1 Unit) This course is strategically designed to support teacher candidates in applying their theoretical understandings as they engage in the practices of observing, planning, teaching, assessing, and reflecting in their fall practicum. Asset-based pedagogies are central and teacher candidates will engage in a variety of experiences that help them learn about their students and school communities (including understanding students? linguistic repertoires). *SoC Humanities and Fine Arts Distro SoC Individual and Social Behavior Distro*

TEACH_ED 381-0 BSED/BSJ Experiential Learning Community Workshop Series (0 Unit) In their second year, students choose 1 experiential education requirement ? either the SESP Practicum, Student Teaching, or Medill Journalism Residency for 4 units of credit. The students participate in the Community Workshop Series during the year they complete their experiential education requirement.

TEACH_ED 385-0 Student Teaching in Multilingual and Multicultural Contexts: Secondary Math (4 Units) This course supports teacher candidates in developing skills, practices, and understandings essential for teaching, including the use of theoretical knowledge to inform professional practice and the cultivation of questions rooted in practice to illuminate the meaning of theory. Teacher candidates are guided in developing and implementing of units that apply a variety of approaches (including to support linguistically diverse students). Prerequisite: TEACH_ED 375-0. *SoC Individual and Social Behavior Distro SoC Mathematics, Science, and Technology Distro*

TEACH_ED 386-0 Student Teaching in Multilingual and Multicultural Contexts: Secondary Science (4 Units) This course supports teacher candidates in developing skills, practices, and understandings essential for teaching, including the use of theoretical knowledge to inform professional practice and the cultivation of questions rooted in practice to illuminate the meaning of theory. Teacher candidates are guided in developing and implementing of units that apply a variety of approaches (including to support linguistically diverse students). Prerequisite: TEACH_ED 376-0. *SoC Individual and Social Behavior Distro SoC Mathematics, Science, and Technology Distro*

TEACH_ED 387-0 Student Teaching in Multilingual and Multicultural Contexts: Elementary (4 Units) This course supports teacher candidates in developing skills, practices, and understandings essential for teaching, including the use of theoretical knowledge to inform professional practice and the cultivation of questions rooted in practice to illuminate the meaning of theory. Teacher candidates are guided in developing and implementing of units that apply a variety of approaches (including to support linguistically diverse students). Pre-Requisite: TEACH_ED 377-0. *SoC Individual and Social Behavior Distro*

TEACH_ED 388-0 Student Teaching in Multilingual & Multicultural Contexts: Secondary Humanities (4 Units) This course supports teacher candidates in developing skills, practices, and understandings essential for teaching, including the use of theoretical knowledge to inform professional practice and the cultivation of questions rooted in practice to illuminate the meaning of theory. Teacher candidates are guided in developing and implementing of units that apply a variety of approaches (including to support linguistically diverse students). Prerequisite: TEACH_ED 378-0. *SoC Humanities and Fine Arts Distro SoC Individual and Social Behavior Distro*