

# SECONDARY EDUCATION (MAT)

The Master of Arts in Teaching: Secondary Education is designed to deliver outstanding teacher preparation.

**Licensure:** Upon successful completion of Secondary Education: Licensure degree requirements, candidates are eligible to apply for a Professional Educator License (PEL) with a secondary endorsement from the state of Illinois for grades 9 through 12.

**Non-Licensure:** Upon successful completion of Secondary Education: Non-Licensure degree requirements, candidates are not eligible to apply for any state of Illinois endorsement.

**Pathway 1:** Upon successful completion of Pathway 1 degree requirements, candidates are eligible to apply for a Professional Educator License (PEL) with a secondary education endorsement and a content area endorsement from the state of Illinois for grades 9-12.

## Degree Requirements - Licensure

Code	Title	Hours
<b>Prerequisites to Professional Courses</b>		
EDUC-6045	Introduction to Theories of Learning and Cognition	3
EDUC-6435	Introduction to Education	3
<b>Professional Courses: Students must be admitted to Teacher Candidacy to continue</b>		
EDSC-6230	Literacy Instruction for Content Area Classrooms: Middle and Secondary	3
EDSC-6570	Teaching Diverse Learners at the Secondary Level	3
EDUC-6040	Introduction to Classroom Teaching and Technology for Learning	3
EDUC-6060	Classroom Management and Assessment	3
EDUC-6290	Characteristics and Instruction of Exceptional Learners	3
EDUC-6415	Professional Responsibility and Ethics for Teachers	3
EDUC-6445	Introduction to Research: Pre-Service Teachers	3
Select one of the following courses per chosen major:		
EDSC-6602	Content and Methods for Teaching English at the Middle and Secondary Levels	3
EDSC-6606	Content and Methods for Teaching Mathematics at the Middle and Secondary Levels	3
EDSC-6618	Content and Methods for Teaching Science at the Middle and Secondary Levels	3
EDSC-6619	Content and Methods for Teaching Social Science at the Middle and Secondary Levels	3
<b>Student Teaching Internship</b>		
EDUC-6985	Student Teaching Seminar <sup>2</sup>	0
Select one:		
EDUC-6922	Student Teaching: Secondary Education	6

EDUC-6925	MAT Capstone <sup>1</sup>	3
<b>Total Hours</b>		<b>33-36</b>

<sup>1</sup> This course may only be taken with special approval of the Director of Field Experience and the Division Chair.

<sup>2</sup> To be taken concurrently with student teaching or capstone.

Students must have a grade of C or higher in all master's courses and content coursework for successful program completion.

### Required Content Coursework (18 semester hours from one area below):

- Requires grades of C or higher in college-level coursework (not remedial) to fulfill content coursework requirements.
- Must be completed at regionally accredited institution(s) of higher education and be documented on official transcript(s).

### English Language Arts

- 3 semester hours: American Literature
- 3 semester hours: Additional literature course
- 3 semester hours: Composition or writing
- 3 semester hours: Communication or speech
- 6 additional semester hours from required categories above or journalism, grammar, non-print media, literacy, linguistics, or rhetoric.

### Mathematics

- 3 semester hours: Calculus II
- 3 semester hours: Calculus III
- 3 semester hours: Linear Algebra
- 3 semester hours: College Geometry (beyond analytical geometry)
- 3 semester hours: Statistics/Probability
- 3 additional semester hours in abstract algebra, history of math, group/ring/number theory or proof, probability, real/complex analysis, or discrete math/computer science (mathematical aspects)

### Science - Biology

- 9-12 semester hours: Biology (anatomy, bacteriology, biochemistry, biology, botany, embryology, endocrinology, ethology, evolution, genetics, herpetology, microbiology, mycology, ornithology, paleontology, physiology, plant taxonomy, synecology, zoology)
- Additional 6-9 semester hours of science courses (may include chemistry, physics and/or earth and space science) to reach 18 hours

### Social Science

- 3 semester hours: U.S. History
- 3 semester hours: World History
- 6 semester hours: Additional history coursework
- 6 additional semester hours from required categories above or geography, civics and government, or economics.

### Clinical Experience (Pre-Professional Hours)

- Minimum of 100 hours (all pre-professional hours are embedded in the MAT coursework).
- Each course will describe the number of hours required to be completed in classrooms and the nature of the experience that a candidate must complete.

Pathway 2: Pathway 2 graduates are not eligible to apply for any state of Illinois endorsement upon completion of this program.

## Degree Requirements - Non-Licensure

Code	Title	Hours
<b>Prerequisites to Professional Courses</b>		
EDUC-6045	Introduction to Theories of Learning and Cognition	3
EDUC-6435	Introduction to Education	3
<b>Professional Courses</b>		
EDSC-6230	Literacy Instruction for Content Area Classrooms: Middle and Secondary	3
EDSC-6570	Teaching Diverse Learners at the Secondary Level	3
EDUC-6040	Introduction to Classroom Teaching and Technology for Learning	3
EDUC-6060	Classroom Management and Assessment	3
EDUC-6290	Characteristics and Instruction of Exceptional Learners	3
EDUC-6415	Professional Responsibility and Ethics for Teachers	3
EDUC-6445	Introduction to Research: Pre-Service Teachers	3
Select one of the following courses per chosen major:		
EDSC-6602	Content and Methods for Teaching English at the Middle and Secondary Levels	3
EDSC-6606	Content and Methods for Teaching Mathematics at the Middle and Secondary Levels	3
EDSC-6618	Content and Methods for Teaching Science at the Middle and Secondary Levels	3
EDSC-6619	Content and Methods for Teaching Social Science at the Middle and Secondary Levels	3
<b>Total Hours</b>		<b>30</b>

Students must have a grade of C or higher in all master's courses and content coursework for successful program completion.

### Required Content Coursework (18 semester hours from one area below):

- Requires grades of C or higher in college-level coursework (not remedial) to fulfill content coursework requirements.
- Must be completed at regionally accredited institution(s) of higher education and be documented on official transcript(s).

### English Language Arts

- 3 semester hours: American Literature
- 3 semester hours: Additional literature course
- 3 semester hours: Composition or writing
- 3 semester hours: Communication or speech
- 6 additional semester hours from required categories above or journalism, grammar, non-print media, literacy, linguistics, or rhetoric.

### Mathematics

- 3 semester hours: Calculus II
- 3 semester hours: Calculus III
- 3 semester hours: Linear Algebra
- 3 semester hours: College Geometry (beyond analytical geometry)
- 3 semester hours: Statistics/Probability

- 3 additional semester hours in abstract algebra, history of math, group/ring/number theory or proof, probability, real/complex analysis, or discrete math/computer science (mathematical aspects)

### Science - Biology

- 9-12 semester hours: Biology (anatomy, bacteriology, biochemistry, biology, botany, embryology, endocrinology, ethology, evolution, genetics, herpetology, microbiology, mycology, ornithology, paleontology, physiology, plant taxonomy, synecology, zoology)
- Additional 6-9 semester hours of science courses (may include chemistry, physics and/or earth and space science) to reach 18 hours

### Social Science

- 3 semester hours: U.S. History
- 3 semester hours: World History
- 6 semester hours: Additional history coursework
- 6 additional semester hours from required categories above or geography, civics and government, or economics.

### Clinical Experience (Pre-Professional Hours)

- Minimum of 100 hours (all pre-professional hours are embedded in the MAT coursework).
- Each course will describe the number of hours required to be completed in classrooms and the nature of the experience that a candidate must complete.