

## Middle Grades Education: Math

<b>Courses required for the first year:</b> appropriate MATH courses; second language requirement
<b>Courses recommended for the first year (in order of priority):</b> PSYC-100, POLS-101, Courses Designated with a PA, PP, PN, PL, or G.
<b>Contact:</b> Mike Egan, Education Advisor (mikeegan@augustana.edu)

\*Students interested in this major are strongly encouraged to contact Dr. Egan prior to registration for Spring Semester.

## The Major in Middle Grades Education: Math

Teacher candidates majoring in Middle Grades (5-8) Mathematics complete 32 credits from the Secondary Education Program professional sequence and 30 credits of Mathematics content including: MATH-110, MATH-120, MATH-160, MATH-220, MATH-250, EDUC-270 and 384, and PSYC-240. Candidates who successfully complete the Mathematics for Secondary Education program (9-12) will also satisfy the Middle Grades Mathematics content requirements. See the director of Secondary Education for more details.

\*\*\*See <https://www.augustana.edu/information-new-students/orientation/placement-charts>

Candidates can also earn licensure to teach Math in grades 9 – 12 by completing the major in Mathematics for Secondary Education.

### Required Courses

Course Number	Course Name	Learning Perspective	Prerequisites	Usually offered: F, J, SP, SU*	Credits
MATH-110	Mathematics for Elementary Teachers	Q		SP	4
MATH-120	Quantitative Reasoning	Q		FA	4
MATH-160	Calculus	Q	MATH-140 or Appropriate Math Index Score***	FA, SP	4
MATH-220	Integration Methods		MATH-160	FA, SP	2
MATH-250	Discrete Mathematics	Q	MATH-160	SP	4

EDUC-270	Geometry for Middle School Teachers			Contact Advisor	4
PSYC-240	Statistics	Q	PSYC-100	FA, SP	4
EDUC-384	Methods 5-12 Teaching Mathematics		EDUC-370 or EDUC-412	SP	4

### EDUCATION PROFESSIONAL SEQUENCE (Required)

Course Number	Course Name	Learning Perspective	Prerequisites	Usually offered: F, J, SP, SU*	Credits
EDUC-301	Educational Psychology and Assessment		Sophomore standing	F, SP	4
EDUC-310	Computers in Education		EDUC-301; Retention in Teacher Education	SP	1
EDUC-340	Methods of Inclusion	D	EDUC-301; Retention in Teacher Education	F, SP	4
EDUC-370	General Methods		EDUC-301; Retention in Teacher Education	F	4
EDUC-396	Clinical Experience 5-8		EDUC-301 and EDUC-340; Retention in Teacher Education	F, SP	1
EDUC-397	Clinical Experience 9-12		EDUC-301 and EDUC-340; Retention in Teacher Education	F, SP	1
EDUC-412	Methods of Literacy: 5-12		EDUC-301; Retention in Teacher Education	F	4
INTR-ED A93	Student Teaching	PH	EDUC-396 and EDUC-397; Retention in Teacher Education	F, SP	10

EDUC-422	Clinical Seminar	PH	Co-requisite: Student Teaching and EDUC-450	F, SP	1
EDUC-450	School and Society	PH	Co-requisite: Student Teaching and EDUC-422	F, SP	2

This major is required for teaching licensure in Illinois in grades 5-8. Students completing this major along with all other licensure requirements are eligible for middle school teaching positions in math in Illinois.

\*Fall, J-term, Spring, Summer; see [Academic Calendar](#) for specific dates

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