

Middle Grades Education: Math

Courses required for the first year: appropriate MATH courses; second language requirement
Courses recommended for the first year (in order of priority): PSYC 100, POLS 101, Courses Designated with a PA, PP, PN, PL, or G.
Contact: 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, 120, 160, 220, 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.

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

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

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-EDA93	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.