

MIDDLE GRADES MATH, BED

The Middle Grades Math Education program prepares students for licensure in mathematics in grades 5-8. Candidates for the degree and licensure in Middle Grades Math Education are advised by the faculty of the Department of Education.

Degree Requirements

In addition to the requirements stated below, students must complete 34-35 hours of General Education (<https://catalog.washburn.edu/undergraduate/programs-degrees-graduation-requirements/general-education-requirements/>), all requirements for a Bachelor of Education degree, and any additional hours needed to reach the minimum 120 credit hours required for graduation. Some of the courses below may also fulfill general education or other degree requirements.

Code	Title	Hours
Required Courses Inside Department		
<i>Pre-Admission Professional Education Courses</i>		
ED 155	Teaching, Learning, Leadership	3
ED 285	Educational Psychology	3
Subtotal		6
<i>Post-Admission CORE Education Courses</i>		
ED 165	Ed. 1, Examining Teaching as a Profession: Diversity 1, Literacy 1, Technology 1	3
ED 275	Ed. 2 Exploring Teaching as a Profession (Classroom Management 1, Diversity 2, Technology 2) Ed. 2	3
ED 295	Ed. 3 Experiencing Teaching as a Profession (Classroom Management 2, Diversity 3, Literacy 2)	3
ED 302	Teaching Exceptional Learners	3
ED 319	STEM Practicum I	1
ED 321	STEM Practicum II	1
ED 340	Teaching in Adolescent Middle Level Environment	2
ED 349	Middle Level Mathematics Practicum	1
ED 354	Curriculum and Assessment	3
ED 395	Ed. 4 Extending Teaching as a Profession (Classroom Management 3, Literacy 3, Technology 3)	3
ED 415	5th-8th Grade Student Teaching	12
Subtotal		35
Required Courses Outside Department		
<i>Required Mathematics Courses</i>		
MA 116	College Algebra	3
MA 117	Trigonometry	3
MA 140	Statistics	3
MA 151	Calculus & Analytic Geometry I	5
MA 200	Number & Operation for Elementary Teachers	3
MA 201	Geometry, Proportion & Data Analysis for Elementary Teachers	3
MA 204	Number Theory and Discrete Math for Middle School Teachers	3

MA 260	Introduction to Number Theory	3
MA 281	History of Early Mathematics	1
MA 320	Mathematics for Middle School Teachers	3
Subtotal		30
<i>Other Required Courses</i>		
CN 150	Public Speaking	3
PY 211	Adolescent Psychology	3
WU 101	The Washburn Experience	3
Subtotal		9
Total Hours		80