

Mathematics 5-9
College of Education
Catalog Year 2018-2019

This specialization MUST BE an endorsement to a SECONDARY EDUCATION or ELEMENTARY K-6 COMPREHENSIVE major course of study. It is not a stand-alone program.		
Courses in Teaching Specialization require a 2.80 GPA. Courses in Professional Education Core require a 3.0 GPA.		
MATHEMATICS 5-9 – Teaching Specialization	Hours	Grade
Required Courses 24 – 26 hours		
MTH 122 – Trigonometry (PR: Math ACT 21 or SAT 500 or PR/CR MTH 127 or 130)	3	
MTH 127 – College Algebra Expanded (PR: Math ACT 19 or SAT 460) OR MTH 130 – College Algebra (PR: Math ACT 21 or SAT 500)	3 - 5	
MTH 140 – Applied Calculus (PR: Math ACT 24 or SAT 560 or MTH 127 or 130 or 132)	3	
MTH 220 – Discrete Structures (PR: Math ACT 27 or SAT 610 or MTH 127 or 130 or 132 or 229 or IST 131)	3	
STA 225 – Introductory Statistics (PR: Math ACT 21 or SAT 500 or MTH 121 or higher with a grade of ‘C’ or better)	3	
MTH 329 – Elementary Linear Algebra (PR: Math ACT 27 or SAT 610 or MTH 122 or 127 or 130 or 229 or IST 131)	3	
MTH 400 – Structure of Algebra (PR: MTH 127 or 130)	3	
MTH 401 – Structure of Modern Geometry (PR: MTH 127 or 130)	3	
TOTAL	24 - 26 hours	
****STUDENTS SHOULD MONITOR THEIR PROGRAM OF STUDY CAREFULLY DUE TO ONGOING CURRICULAR CHANGES****		

ALL coursework in Teaching Specialization and Professional Education Core must be completed with a grade of ‘C’ or better.

PROFESSIONAL EDUCATION CORE (21 Hours)		Hours	Grade
Courses below are required in conjunction with or in addition to a first major			
THE FOLLOWING COURSES (ADMI 4) REQUIRE ADMISSION ELIGIBILITY (see below)			
CI 301 – Teaching Elementary/Middle School Mathematics (PR: CI 201)		3	
CI 401 – Middle Childhood Curriculum		3	
CI 403 – Methods & Materials of Teaching in the Middle childhood Grades (PR: CI 401) **(15 hour clinical)		3	
THE FOLLOWING COURSES (ADMI 5) REQUIRE ADMISSION ELIGIBILITY (see below)*			
CI ____ - Student Teaching CAPSTONE (credit/no credit)		12	
TOTAL		21 hours	
**Course requires clinical experience in a public school during normal school hours.			
Admission requirements for ADMI 4: 1. Grade Point Average of 2.80 or higher (both MU and overall) 2. EDF 201 (grade “C” or better) and EDF 270 (credit) 3. Passing scores on the PRAXIS Core exam – all 3 areas (EXEMPT from PRAXIS Core exam with SAT 1240 or ACT composite 26 or higher) 4. Portfolio in LiveText which includes: Self-Assessment, Writing Sample and three Recommendations. 5. 21 ACT composite score 6. MU students: Completion of 26 credits hours 7. Transfer students: Completion of 12 <i>Marshall University</i> credit hours	Admission requirements for ADMI 5: 1. 12 hours of completed Professional Education Core courses 2. 2.8 GPA overall, at MU, and in Teaching Specialization 3. 3.0 GPA in Professional Education Core	Admission requirements for Student Teaching: 1. At least 90% of Teaching Specialization courses completed 2. Minimum of 100 credit hours completed 3. 2.8 GPA overall, at MU, and in Teaching Specialization 4. 3.0 GPA in Professional Education Core 5. Completion of all Professional Education Core Courses (with the exception of EDF 475)	
GRADUATION APPLICATION: Must be submitted by the Fall, Spring or Summer deadline.			