MIDDLE GRADES MATHEMATICS, BACHELOR OF SCIENCE (730P, 730)

Program Coordinator
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A major in middle grades mathematics is for students who plan to teach mathematics in grades 5-9 only. The degree requires a second major in Science and Mathematics education (reference number 774). Upon successful completion of both majors, the student will receive a Bachelor of Science degree.

Admission Requirements

Students who wish to declare a 730 middle grades mathematics major will initially be designated as "seeking admission" until the following requirements have been satisfied:

- Complete 3 of the following with a "C" or better in each course: MATH 136, MATH 183, MATH 205, MATH 206, MATH 302.
- Have an overall GPA of at least 2.5 in all middle grades mathematics program courses (MATH 136 and above) completed prior to admission.
- Note: If a course is repeated, then the second grade is used to compute the GPA. If a course is repeated multiple times, then the average of all grades after the first attempt is used to compute the GPA.

Program Requirements (34 hours)

A baccalaureate degree requires a minimum of 120 unduplicated semester hours. More information can be found at www.wku.edu/registrar/degree_certification.php. (https://www.wku.edu/registrar/degree_certification.php)

Students who began WKU in the Fall 2014 and thereafter should review the Colonnade requirements located at: https://www.wku.edu/colonnade/colonnaderequirements.php. (https://www.wku.edu/colonnade/colonnaderequirements.php)

Code	Title	Hours
MATH 136	Calculus I	4
MATH 183	Introductory Statistics	3
or STAT 301	Introductory Probability and Applied Statistics	
MATH 205	Number Systems and Number Theory for Teachers	3
MATH 206	Fundamentals of Geometry for Teachers	3
MATH 302	Introduction to Advanced Mathematics for Middle Grades Teachers	3
or MATH 310	Introduction to Discrete Mathematics	
MATH 304	Functions, Applications and Explorations	3
MATH 308	Rational Numbers and Data Analysis for Teachers	3
MATH 403	Geometry for Elementary and Middle School Teachers	3
or MATH 323	Geometry I	
MATH 411	Problem Solving for Elementary and Middle School Teachers	3
or MATH 421	Problem Solving for Secondary Teachers	
MATH 413	Algebra and Technology for Middle Grades Teachers	3
MATH 490	Seminar in Middle Grades Mathematics	3
or MATH 498	Senior Seminar	
Total Hours		**34**

Students must attain a grade of "C" or better in each required course and must have a 2.5 GPA overall in required mathematics courses.

Finish in Four Plan

First Year

Fall	Hours	Spring	Hours
MATH 136		4 MATH 183	3
SMED 101		3 MATH 205	3
ENG 100		3 SMED 102	3
Colonnade: Natural & Physical Sciences		3 COMM 145	3
Colonnade: Arts & Humanities		3 Colonnade: Social & Behavioral	3
	16		**15**

Second Year

Fall	Hours	Spring	Hours
MATH 302		3 MATH 206	3
MATH 308		3 MATH 304	3
SMED 310		3 SMED 320	3
ENG 200		3 Colonnade: Natural & Physical Sciences with Lab	3
World Language, if needed OR General Elective		3 World Language, if needed OR General Elective	3
	15		**15**

Third Year

Fall	Hours	Spring	Hours
MATH 411		3 MATH 403	3
MATH 413		3 SMED 360	3
SMED 340		3 ENG 300	3
Colonnade: Connections (Social & Cultural)		3 Colonnade: Connections (Local to Global)	3
Elective		3 Elective	3
	15		**15**

Fourth Year

Fall	Hours	Spring	Hours
MATH 490		3 SMED 489	3
SMED 470		3 MGE 490	10
Colonnade: Connections (Systems)		3	
Elective		3	
Elective(s)		4	
	16		**13**

Total Hours 120