

MATHEMATICS 5-ADULT, B.A.

- General Education Course

- Milestone course: a key success marker for your major. See your advisor to discuss the importance of this course in your plan of study.

Major

The Core Curriculum is designed to foster critical thinking skills and introduce students to basic domains of thinking that transcend disciplines. The Core applies to all majors. Information on specific classes in the Core can be found at <https://www.marshall.edu/gened/>.

Code	Title	Credit Hours
Core Curriculum		
<i>Core 1: Critical Thinking</i>		
FYS 100	First Yr Sem Critical Thinking	3
MTH 229	Calculus/Analytic Geom I (CT)	5
	Critical Thinking Course	3
<i>Core 2</i>		
ENG 101	Beginning Composition	3
ENG 201	Advanced Composition	3
CMM 103	Fund Speech-Communication	3
MTH 229	Calculus/Analytic Geom I (CT)	5
	Natural Science	4
	Humanities	3
	Social Studies	3
	Fine Arts	3
<i>Additional University Requirements</i>		
	Writing Intensive	3
	Writing Intensive	3
	Multicultural or International	3
MTH 491	Senior Seminar	2
Teaching Specialization		
MTH 229	Calculus/Analytic Geom I (CT)	5
MTH 230	Calculus/Analytic Geom II	4
MTH 231	Calculus/Analytic Geom III	4
MTH 300	Intro to Higher Math	4
MTH 331	Linear Algebra	4
MTH 404	Math Methods and Materials	3
MTH 405	History of Mathematics	3
MTH 440	Graph Th and Combinatorics	3
STA 445	Probability & Statistics I	3
STA 446	Probability & Statistics II	3
MTH 448	Modern Geometries	3
MTH 449	Projective Geometry	3
MTH 450	Modern Algebra I	3
MTH 491	Senior Seminar	2
	Free Elective	2
Professional Education Core		

CI 350	Inst Tech & Computing	3
EDF 201	Ed Psych Developing Learner	3
EDF 270	Level I Clinical Exp	0
CISP 421	Child with Exceptionalities	3
EDF 435	Classroom Assessment	3
EDF 475	Schools in a Diverse Society	3
CI 345	Crit Read Writ & Think	3
CI 402	Teach Mid Child Learners	3
CI 449	Instr & Clarm Mgt Sec Ed	3
CISP 422	Differentiate Instruction	3
CI 470	Level II Clinical Exp	0
CI 450	Stu Teach Secondary Ed (Capstone)	12

Major Information

Admission Requirements for ADMI 4

- Grade Point Average of 2.80 or higher (both MU and overall),
- EDF 201 Ed Psych Developing Learner (grade "C" or better) and EDF 270 Level I Clinical Exp (credit),
- Passing scores on the PRAXIS Core exam – all 3 areas (**Exempt** from PRAXIS Core exam with SAT 1240 or ACT composite 26 or higher),
- Portfolio in LiveText which includes:
 - Self-Assessment,
 - Writing Sample and
 - Three Recommendations,
- 21 ACT composite score,
- MU students: Completion of 26 credit hours,
- Transfer students: Completion of 12 Marshall University credit hours.

Admission Requirements for ADMI 5

- 12 hours of completed Professional Education Core courses,
- 2.8 GPA overall, at MU, and in Teaching Specialization,
- 3.0 GPA in Professional Education Core

Admission Requirements for Student Teaching

- At least 90% of Teaching Specialization courses completed,
- Minimum of 100 credit hours completed,
- 2.8 GPA overall, at MU, and in Teaching Specialization,
- 3.0 GPA in Professional Education Core,
- Completion of all Professional Education Core Courses (with the exception of EDF 475 Schools in a Diverse Society)
 - Many courses require clinical experience in public school during normal school hours. Schedule open time accordingly.
 - 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.
 - West Virginia law mandates that all persons entering a school or having contact with students must have completed a background check and have not been found on the sexual offender registry prior to entering a school. Each county and school can also use the results of that background check as a basis for admitting or denying admittance. It is the procedure of the Marshall University College of Education and Professional Development that every

student will obtain a background check prior to being placed in a school setting.

Four Year Plan

The College of Education and Professional Development has the distinction of being the oldest part of Marshall University. The CIF (Curriculum, Instruction, & Foundations) program includes elementary, secondary, educational foundations, and educational computing for pre-service teachers. The secondary programs are designed for those wanting to teach content to middle school and/or high school students. The educational foundations and computing courses are designed for those entering the education field. Students receive broad content knowledge in the core academic area of choice as well as in the art and science of teaching children.

Course	Title	Credit Hours
First Year		
First Semester		
MTH 229	Calculus/Analytic Geom I (CT)	5
CMM 103	Fund Speech-Communication	3
ENG 101	Beginning Composition	3
FYS 100	First Yr Sem Critical Thinking	3
Fine Arts Elective		3
UNI 100	Freshman First Class	1
Credit Hours		18
Second Semester		
MTH 230	Calculus/Analytic Geom II	4
ENG 201	Advanced Composition	3
Muticultural/International		3
Physical or Natural Science		4
Social Science (M/I)		3
Credit Hours		17
Second Year		
First Semester		
CI 350	Inst Tech & Computing	3
EDF 201	Ed Psych Developing Learner	3
EDF 270	Level I Clinical Exp	0
MTH 231	Calculus/Analytic Geom III	4
MTH 300	Intro to Higher Math	4
Credit Hours		14
Second Semester		
CI 345	Crit Read Writ & Think	3
CISP 421	Child with Exceptionalities	3
MTH 331	Linear Algebra	4
Any ENG level 200 Humanities (WI)		3
MTH 405	History of Mathematics (odd years only)	3
Credit Hours		16
Third Year		
First Semester		
CISP 422	Differentiate Instruction	3
MTH 440	Graph Th and Combinatorics	3
STA 445	Probability & Statistics I	3

MTH 448	Modern Geometries	3
Any CT course designated (WI)		3
Credit Hours		15

Second Semester		
CI 449	Instr & Clarm Mgt Sec Ed	3
CI 470	Level II Clinical Exp	0
MTH 404	Math Methods and Materials	3
STA 446	Probability & Statistics II	3
MTH 449	Projective Geometry	3
Free Elective		2
Credit Hours		14

Fourth Year		
First Semester		
CI 402	Teach Mid Child Learners	3
EDF 435	Classroom Assessment	3
EDF 475	Schools in a Diverse Society	3
MTH 450	Modern Algebra I	3
MTH 491	Senior Seminar	2
Credit Hours		14

Second Semester		
CI 450	Stu Teach Secondary Ed (Capstone)	12
Credit Hours		12
Total Credit Hours		120