

SECONDARY EDUCATION MATHEMATICS 5-ADULT

REQUIREMENTS

CORE CURRICULUM 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 marshall.edu/gened.

CORE 1: CRITICAL THINKING

CODE	COURSE NAME	HRS	GRADE
FYS 100	First Year Seminar	3	
MTH 229	Critical Thinking Course	3	
	Critical Thinking Course	3	
Additional University Requirements			
	Writing Intensive	3	
	Writing Intensive	3	
	Multicultural or International	3	
MTH 491	Capstone	2	

CORE 2:

CODE	COURSE NAME	HRS	GRADE
ENG 101	Beginning Composition	3	
ENG 201	Advanced Composition	3	
CMM 103	Fund Speech-Communication	3	
MTH 229	Calculus/Analytic Geom I (CT)	5	
	Core II Physical or Natural Science	4	
	Core II Humanities	3	
	Core II Social Science	3	
	Core II Fine Arts	3	

TEACHING SPECIALIZATION

All Mathematics 5-Adult majors are required to take the following courses:

CODE	COURSE NAME	HRS	GRADE	CODE	COURSE NAME	HRS	GRADE
MTH 229	Calculus/Analytic Geom I (CT)	5		STA 446	Probability & Statistics II	3	
MTH 230	Calculus/Analytic Geometry II	4		MTH 448	Modern Geometries	3	
MTH 231	Calculus/Analytic Geometry III	4		MTH 449	Projective Geometry	3	
MTH 300	Intro to Higher Math	4		MTH 450	Modern Algebra I	3	
MTH 331	Linear Algebra	3		MTH 491	Senior Seminar	2	
MTH 404	Math Methods and Materials	3			Free Elective	3	
MTH 405	History of Mathematics	3			Free Elective	2	
MTH 440	Graph Th and Combinatorics	3					
STA 445	Probability & Statistics I	3					

PROFESSIONAL EDUCATION CORE

Students who wish to major in Mathematics 5-Adult must take the following Professional Education Core courses:

CODE	COURSE NAME	HRS	GRADE	CODE	COURSE NAME	HRS	GRADE
EDF 201	Ed Psych Developing Learner	3		CI 402	Teaching Middle Childhood Learners	3	
EDF 270	Level I Clinical Exp	0		CI 449	Instr & Clarm Mgt Sec Ed	3	
CISP 421	Child with Exceptionalities	3		CISP 422	Differentiate Instruction	3	
EDF 435	Classroom Assessment	3		CI 470	Level II Clinical Exp	0	
EDF 475	Schools in a Diverse Society	3		CI 450	Student Teaching Capstone	12	
CI 345	Crit Read Writ & Thinking	3					

MAJOR INFORMATION

Admission requirements for ADMI 4:

- 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 Marshall University credit hours

Admission requirements for ADMI 5:

- 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:

- 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)

- 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.

MY ADVISOR'S NAME IS: _____

SECONDARY EDUCATION MATHEMATICS 5-ADULT

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.

MY ADVISOR'S NAME IS: _____

YEAR ONE	FALL SEMESTER				SPRING SEMESTER			
	CODE	COURSE NAME	HRS	GRADE	CODE	COURSE NAME	HRS	GRADE
	MTH 229	Calculus/Analytic Geom I (CT)	5		MTH 230	Calculus/Analytic Geometry II	4	
	CMM 103	Fund Speech Communication	3		ENG 201	Advanced Composition	3	
	ENG 101	Beginning Composition	3			Multicultural or International	3	
	FYS 100	First Yr Sem Critical Thinking	3			Core II Physical or Natural Science	4	
		Core II Fine Arts	3			Core II Social Science (M/I)	3	
	UNI 100	Freshman First Class	1					
	TOTAL HOURS		18		TOTAL HOURS		17	
	Summer Term (optional):							

YEAR TWO	FALL SEMESTER				SPRING SEMESTER			
	CODE	COURSE NAME	HRS	GRADE	CODE	COURSE NAME	HRS	GRADE
	EDF 201	Ed Psych Developing Learner	3		CI 345	Crit Read Writ & Thinking	3	
	EDF 270	Level I Clinical Exp	0		CISP 421	Child with Exceptionalities	3	
	MTH 231	Calculus/Analytic Geometry III	4		MTH 331	Linear Algebra	4	
	MTH 300	Intro to Higher Math	4		ENG ___	Any 200 Level Core II Humanities (WI)	3	
		Free Elective	3		MTH 405	History of Mathematics (odd years only)	3	
	TOTAL HOURS		14		TOTAL HOURS		16	
	Summer Term (optional):							

YEAR THREE	FALL SEMESTER				SPRING SEMESTER			
	CODE	COURSE NAME	HRS	GRADE	CODE	COURSE NAME	HRS	GRADE
	CISP 422	Differentiate Instruction	3		CI 449	Instr & Classroom Mgt Sec Ed	3	
	MTH 440	Graph Th and Combinatorics	3		CI 470	Level II Clinical Exp	0	
	STA 445	Probability & Statistics I	3		MTH 404	Math Methods & Materials	3	
	MTH 448	Modern Geometries	3		STA 446	Probability & Statistics II	3	
		Any CT course designated (WI)	3		MTH 449	Projective Geometry	3	
						Free Elective	2	
	TOTAL HOURS		15		TOTAL HOURS		14	
	Summer Term (optional):							

YEAR FOUR	FALL SEMESTER				SPRING SEMESTER			
	CODE	COURSE NAME	HRS	GRADE	CODE	COURSE NAME	HRS	GRADE
	CI 402	Teaching Middle Childhood Learners	3		CI 450	Student Teaching Capstone	12	
	EDF 435	Classroom Assessment	3					
	EDF 475	Schools in a Diverse Society	3					
	MTH 450	Modern Algebra I	3					
	MTH 491	Senior Seminar	2					
	TOTAL HOURS		14		TOTAL HOURS		12	
	Summer Term (optional):							

Area of Emphasis

Major Requirement

College Requirement

General Education Requirement

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

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INVOLVEMENT OPPORTUNITIES

- Student Government Association
- Campus Activity Board
- JMELI
- Commuter Student Advisory Board
- Club Sports
- Religious Organizations
- Political Organizations
- Residence Hall Association
- Cultural Organizations
- National Society of Leadership and Success
- Greek Life

RELATED MAJORS

- Finance
- Accounting
- Mathematics
- Economics
- Engineering
- Statistics
- Applied Mathematics
- Physics

GRADUATION REQUIREMENTS

- Have a minimum of 120 credit hours (some colleges or majors require more);
- Have an overall and Marshall Grade Point Average of 2.00 or higher;
- Have an overall Grade Point Average of 2.00 or higher in the major area of study;
- Have earned a grade of C or better in English 201 or 201 H;
- Have met all major(s) and college requirements;
- Have met the requirements of the Core Curriculum;
- Have met the residence requirements of Marshall University, including 12 hours of 300/400 level coursework in the student's college (see section entitled "Residence Requirements" in the undergraduate catalogue);
- Be enrolled at Marshall at least one semester of the senior year;
- Have transferred no more than 72 credit hours from an accredited West Virginia two-year institution of higher education.

Colleges and specific programs may have unique requirements that are more stringent than those noted above. Students are responsible for staying informed about and ensuring that they meet the requirements for graduation.

This academic map is to be used as a guide in planning your coursework toward a degree. Due to the complexities of degree programs, it is unfortunate but inevitable that an error may occur in the creation of this document. The official source of degree requirements at Marshall University is DegreeWorks available in your myMU portal. Always consult regularly with your advisor.

MATHEMATICS 5-ADULT – 2022-2023

YEAR ONE



Have questions? Need to talk? You already have a Friend-At-Marshall ready to help you succeed. Find your FAM Peer Mentor here: www.marshall.edu/fam



Stay on the Herd Path and come to class! Class attendance is more important to your success than your high school GPA, your class standing, or your ACT/SAT scores.



In order to graduate on time, you need to take an average of 15 credits per semester. Are you on track? Take 15 to Finish!



Volunteer in local museums, non-profit agencies, dog shelters, hospitals, libraries, festivals, or women's shelters.



Take a career self-assessment to help determine what majors fit your talents and interests and consider job shadowing opportunities.



Join or create a club or organization on campus about a particular issue you care about. Marshall has more than 200 student organizations.



Sign up for Handshake! Handshake is the #1 place to launch a career with no connections, experience, or luck required. The platform connects up-and-coming talent with 650,000+ employers.

YEAR THREE



Develop relationships with professors who can serve as future references by attending their office hours.



Take a pulse check. Know what you need to do every year to keep your grants, scholarships, or federal financial aid.



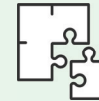
Are you on track to graduate? Meet with your advisor for your Junior Eval to make sure you know what requirements you have left.



Stay on the Herd Path and come to class! Class attendance is more important to your success than your high school GPA, your class standing, or your ACT/SAT scores.



Apply theory to practice (Complete Level II Clinical Experience).



Work with a faculty mentor to determine what professional certifications are available to assist you in meeting your career goals.



Inquire about available Teacher-In-Residence opportunities.

YEAR TWO



Are you completing enough credits to graduate on time? Dropping or failing a class can put you behind. Use summer terms to quickly get back on track.



Attend civic meetings, such as the school board, neighborhood associations, city council, or important state legislative sessions.



Take a pulse check. Know what you need to do every year to keep your grants, scholarships, or federal financial aid.



Develop relationships with professors who can serve as future references by attending their office hours.



Plan on taking the Praxis Core Exam and completing the ADMI 4 Portfolio in LiveText.



Stay on the Herd Path and come to class! Class attendance is more important to your success than your high school GPA, your class standing, or your ACT/SAT scores.



Observe in a P-12 Classroom (Complete Level I Clinical Experience)

YEAR FOUR



This is it! Are you on track to graduate? Meet with your advisor for your Senior Eval to see what requirements you have left.



Stay on the Herd Path and come to class! Class attendance is more important to your success than your high school GPA, your class standing, or your ACT/SAT scores.



Networking is key! Attend a Career Expo to seek employment opportunities and network with employers in your field.



Integrate knowledge, skills, and dispositions during the Student Teaching internship.



Want to continue your education and increase your opportunities? Talk to a faculty member about whether graduate school fits your career goals.



Strengthen your resume and enhance your presentation skills. Present what you've learned at an academic conference off campus.



Be at the top of your professional game! Prepare a final resume and practice your interview skills with a career coach in Career Education.

TRANSFERABLE SKILLS ASSOCIATED WITH THIS MAJOR

- Mathematical Reasoning Skills
- STEM Instruction
- Instructional and Curriculum Development Skills
- Communication Skills

ASSOCIATED CAREERS

- Middle/High School Mathematics Teacher
- Private Tutor
- Adult Education Instructor
- School Administrator



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