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.

ORE 1: CRIT	FICAL THINKING COURSE NAME		HRS	GRADE	COF	RE 2: CODE	COURSE NAME		HRS	GRADE
FYS 100	First Year Seminar	•	3		**	ENG 101	Composition I	•	3	
MTH 229	Critical Thinking Course	•	3		**	ENG 201	Composition II	•	3	
	Critical Thinking Course	•	3		₹	CMM 103	Fund Speech-Communication	•	3	
					₹	MTH 229	Calculus/Analytic Geom I (CT)	• •	5	
Addition	al University Requirements						Natural Science	•	4	
	Writing Intensive		3				Humanities	•	3	
	Writing Intensive		3				Social Science	•	3	
	Multicultural or International		3				Fine Arts	•	3	
MTH 491	Senior Seminar		2							

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						
	MTH 440	Graph Th and Combinatorics	•	3						
	STA 445	Probability & Statistics I	•	3						

PROFESSIONAL EDUCATION CORE

CODE COURSE NAME

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

HRS GRADE

4 3 _____

	CODE	COURSE NAME		IIII	GRADE	CODE	COURSE NAME		IINS	GNADL
**	CI 350	Inst Tech & Computing	•	3		CI 401	Middle Childhood Curric	•	3	
	EDF 201	Ed Psych Developing Learner	•	3		CI 403	Meth Teach Mid Child Grd	•	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	

MAJOR INFORMATION

CI 345

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 Marshall University credit hours

Admission requirements for ADMI 5:

1.12 hours of completed Professional Education Core courses, 2.2.8 GPA

Overall at MIL and in Teaching Specialization 2.3.0 GPA in Professional

 1.12 hours of completed Professional Education Core courses, 2. 2.8 GP. overall, at MU, and in Teaching Specialization, 3. 3.0 GPA in Professional Education Core

Admission requirements for Student Teaching:

Crit Read Writ & Thinking

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)

HRS GRADE

COLIRSE NAME

MY ADVISOR'S NAME IS:

- 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 COLLEGE OF EDUCATION 2019-2020

Summer Term (optional):

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:

			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	
	1	CMM 103	Fund Speech Communication	•	3		***	ENG 201	Advanced Composition	•	3	
担	₹	ENG 101	Beginning Composition	•	3				Multicultural/International	•	3	
ONE		FYS 100	First Yr Sem Critical Thinking	•	3				Physical or Natural Science	•	4	
R			Fine Arts Elective	•	3				Any CT course designated (WI)	•	3	
YEAR		UNI 100	Freshman First Class		1				Social Science (M/I)	•	3	
Y												
		TOTAL HO	OURS		18			TOTAL HO	DURS		17	
	Sum	mer Term (op	otional):									

			FALL SEMESTER			SPRING SEMESTER						
		CODE	COURSE NAME		HRS	GRADE		CODE	COURSE NAME		HRS	GRADE
	₹	CI 350	Inst Tech & Computing	•	3		***	CI 345	Crit Read Writ & Thinking	•	3	
		EDF 201	Ed Psych Developing Learner	•	3		***	CISP 421	Child with Exceptionalities	•	3	
0		EDF 270	Level I Clinical Exp	•	0			MTH 331	Linear Algebra	•	4	
$\mathbf{T}\mathbf{W}$		MTH 231	Calculus/Analytic Geometry III	•	4			ENG	Any ENG 200 level Humanities (WI)	•	3	
띪		MTH 300	Intro to Higher Math	•	4			MTH 405	History of Mathematics (odd years	•	5	
ΕA									only)			
X												
	TOTAL HOURS				14			TOTAL HOURS			16	

		FALL SEMESTER					SPRING SEMESTE	R		
	CODE	COURSE NAME		HRS	GRADE	CODE	COURSE NAME		HRS	GRADE
	CI 401	Middle Childhood Curic	•	3		CI 449	Instr & Classroom Mgt Sec Ed	•	3	
F-3	CISP 422	Differentiate Instruction	•	3		CI 470	Level II Clinical Exp	•	0	
崮	MTH 440	Graph Th and Combinatorics	•	3		MTH 404	Math Methods & Materials	•	3	
THREE	STA 445	Probability & Statistics I	•	3		STA 446	Probability & Statistics II	•	3	
	MTH 448	Modern Geometries	•	3		MTH 449	Projective Geometry	•	3	
AR							Free Elective		3	
YΕ										
Ċ	TOTAL HO	OURS		15		TOTAL HO	OURS		15	
	Summer Term (op	otional):								

		FALL SEMESTER						SPRING SEMESTER			
	CODE	COURSE NAME		HRS	GRADE	(CODE	COURSE NAME		HRS	GRADE
	CI 403	Meth Teach Mid Child Grd	•	3		(CI 450	Student Teaching Capstone	•	12	
	EDF 435	Classroom Assessment	•	3							
H.	EDF 475	Schools in a Diverse Society	•	3							
FOUR	MTH 450	Modern Algebra I	•	3							
ᄶ	MTH 491	Senior Seminar	•	2							
YEAR											
K											
	TOTAL HOURS			14		TOTAL HOURS				12	
	Summer Term (op	tional):									

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

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 twoyear 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 — 2019-2020

YEAR ONE

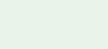
Stav on the Herd Path and come

to class! Class attendance is more

important to your success than

your high school GPA, your class

standing, or your ACT/SAT scores.



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

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.





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.



Attend an intercultural festival or event on campus or in town.

YEAR THREE



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



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.



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



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.



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



Inquire about available Teacher-In-Residence opportunities.

YEAR FOUR



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.

attending their office hours.

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.



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.



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

in LiveText.



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



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



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



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



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



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



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



Marshall University College of Education and **Professional Development** One John Marshall Drive Huntington, WV 25755 1-304-696-3131 coepd@marshall.edu marshall.edu/coepd



· Instructional and Curriculum **Development Skills** Communication Skills

ASSOCIATED CAREERS

STEM Instruction

TRANSFERABLE SKILLS

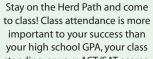
Middle/High School Mathematics Teacher

ASSOCIATED WITH THIS MAJOR

· Mathematical Reasoning Skills

- Private Tutor
- · Adult Education Instructor
- · School Administrator











Want to continue your education