

Curriculum Guide for AA to B.S.Ed. Mathematics at WCU

Freshman/First Year

1st Semester*		Fall			2nd Semester		Spring			
CC Course	WCU Course Equivalent	LS Cat.	Credit Hours	Required/Notes	CC Course	WCU Course Equivalent	LS Cat.	Credit Hours	Required/Notes	
ENG 111	ENGL 101	C1	3		ENG 112	ENGL 202	C1	3		
MAT 171	MATH 146	C2	4		COM 231	COMM 201	C3	3	Preferred	
History (Social/Behavioral Science)	History	P3	3	Preferred	Humanities/Fine Arts	Humanities	P4	3		
Humanities/Fine Arts	Fine & Performing Arts	P5	3		Social/Behavioral Sciences	Social Sciences	P1	3		
Natural Science	Physical & Biological Sciences	C5	4		MAT 172	Pre-requisite for MAT 271		4		
ACA 122	USI 130		1							
Total Credit Hours				18	Total Credit Hours				16	

*This assumes placement into college level courses. This is only meant to be a guide. Please see your academic advisor to develop your individual plan.

Sophomore/Second Year

3rd Semester		Fall			4th Semester		Spring			
CC Course	WCU Course Equivalent	LS Cat.	Credit Hours	Required/Notes	CC Course	WCU Course Equivalent	LS Cat.	Credit Hours	Required/Notes	
Social/Behavioral Sciences	Social Sciences	P1	3		Natural Science	Physical & Biological Sciences	C5	4		
EDU 216**	EDCI 201		3	Required	Other Elective			3		
MAT 271	MATH 153		4	Required	MAT 272	MATH 255		4	Required	
Social Science (Global Perspective)	World Cultures	P6	3		HEA 110/PED 110/Other Elective	Wellness	C4	3		
Total Credit Hours				13	Total Credit Hours				14	

Please see website for admission criteria: [TeacherEdAdmission.wcu.edu](https://www.wcu.edu/teacher-ed-admission)

** Students should complete the Praxis Core Academic Skills for Educators Exam during their EDU 216 semester in anticipation of Admission to the TEP

Suggested Course Sequence to transfer from NCCCS

Junior/Third Year (at WCU)

5th Semester Fall

6th Semester Spring

WCU Course	Course Title	Credit Hours	Notes	WCU Course	Course Title	Credit Hours	Notes
MATH 250	Intro to Logic and Proof	3		MATH 361	Abstract Algebra I	3	
MATH 256	Calculus III	4		MATH 310	Discrete Structures	3	
MATH 200	Intro to Problem Solving	1		MATH 400	History of Mathematics	3	
Math Elective		3		MATH 362	Linear Algebra I	3	
SPED 339	Responsive Learning	3		MATH 414	Teaching Methods	3	
MATH 270	Statistical Methods I	3		MATH 340	Intro to Scientific Computing	3	
Total Credit Hours	17			Total Credit Hours	18		

Summer

WCU Course	Course Title	Credit Hours	Notes
PSY 323	Psychology Applied to Learning and Teaching	3	Online

Senior/Fourth Year

7th Semester Fall

8th Semester Spring

WCU Course	Course Title	Credit Hours	Notes	WCU Course	Course Title	Credit Hours	Notes
MATH 411	Foundations in Geometry	3		EDSE 495	Seminar	3	
MATH 415	Methods and Materials for Teaching Math in Secondary School	3		MATH 491	Supervised Student Teaching in Math	3	
MATH 479	Capstone	2		ESDE 485	Internship II	6	
MATH 300	Problem Solving	2					
Math Elective		3					
EDSE 484	Supervised Internship I	3					
Total Credit Hours	16			Total Credit Hours	12		

Reminder: 30 hours of 300-400 level courses must be taken at WCU.

Program website: MathBSED.wcu.eduFor Academic Advising questions, please visit: Suite 201.wcu.edu