

Mathematics (Certifiable for Elementary Education)

Academic Map

Literacy, Elementary, & Early Childhood Education

Effective Year: 2017–2018

Semester 1	Cr.	Min Gr.	Milestone
HIST 161 or HIST 162	3	C	An SAT score or CCSU Placement Test determines placement in Mathematics and English courses.
MATH 115 or MATH 116	3	C-	
SCI 211 Earth and Physical Science	3	C	Target cumulative GPA \geq 2.70.
General Education course	3		
General Education course	2-3		

Total: 14-15

Semester 2	Cr.	Min Gr.	Milestone
ENG 110 or ENG 105 & 105P	3	C	! Complete any required fingerprinting. Target cumulative GPA \geq 2.70.
MATH 113 Structure of Mathematics I: Number Systems	3	C	
MATH 116 or MATH 115	3	C-	
PSY 136 Life Span Development	3	C	
General Education Course	2-3	C-	

Total: 14-15


Semester 3	Cr.	Min Gr.	Milestone
BIO 211 Concepts in Biology	3	C	! Target cumulative GPA \geq 2.70.
EDF 215 Education in a Multicultural Society	3	C	
MATH 213 Structure of Mathematics II: Logic and Geometry	3	C-	Begin preparing for application to the Professional Program for Teacher Certification.
PSY 361 or PSY 362 Child Psychology	3	C	Take Science and Math subtests of the Praxis II Elementary Multiple Subjects Test at end of semester.
STAT 215 Statistics for the Behavioral Sciences	3	C-	
General Education	3	C-	


Total: 18


Semester 4	Cr.	Min Gr.	Milestone
MATH Directed Elective	3	C-	! Maintain cumulative GPA \geq 2.70.
MATH 125 or MATH 152	3	C-	
MATH 305 or MATH 306	3	C-	! Submit completed application to the Professional Program for Teacher Certification by February 10 or September 10.
General Education Course	3		
General Education Course	3		
General Education Course	3		


Total: 18

You must be accepted to the Professional Program for Teacher Certification to progress beyond this point and take any *Professional Program classes.

Semester 5	Cr.	Min Gr.	Milestone
*EDEL 315 Principles of Learning: Elementary	3	C	 Earn semester GPA \geq 2.70. Complete the Dyslexia module for pre-service teachers. NOTE: 30+ hours of off-campus field experience required; some courses may be held in an elementary school. Take Social Studies subtest of Praxis II.
*EDT 305 Educational Technology for Elementary	1	C	
*FA 412 Fine Arts Across the Curriculum	3	C	
*RDG 315 Comprehensive Reading Instruction I	3	C	
*SPED 315 Introduction to Educating Learners with Exceptionalities	3	C	
MATH 306 or MATH 305	3	C-	
Total:			16

Semester 6	Cr.	Min Gr.	Milestone
*EDEL 322 Effective Elementary Teaching I	3	C	 Earn semester GPA \geq 2.70. NOTE: 45+ hours of off-campus field experience required; some courses may be held in an elementary school. Take Foundations of Reading Test and Reading and Language Arts subtest of the Praxis II at end of semester.
*EDEL 415 Elementary Social Studies Methods	2	C	
*EDT 415 Developing Instructional Materials	1	C	
*RDG 316 Comprehensive Reading Instruction II	3	C	
MATH Directed Elective	3	C-	
MATH 409 Mathematics through Computers	3	C-	
Total:			15

Semester 7	Cr.	Min Gr.	Milestone
General Education Course	3		 Earn semester GPA \geq 2.70. Apply for graduation early in the semester. Apply for Student Teaching by September 15 or February 15. NOTE: 45-60 hours of off-campus field experience required; some courses may be held in an elementary school.
*EDEL 420 Effective Elementary Teaching II	3	C	
*MATH 412 Elementary Mathematics Methods	3	C	
*RDG 412 Literacy in the Elementary School	3	C	
*SCI 412 Learning and Curriculum Studies in Science	2	C	
Total:			14

Semester 8	Cr.	Min Gr.	Milestone
*EDEL 430 Elementary Student Teaching	9	C	 Earn semester GPA \geq 2.70. NOTE: No other courses may be scheduled during this semester.
*EDTE 430 Student Teaching Seminar	1	C	
Total:			10