

General Science: Specialization in Biology or Earth Sciences (Certifiable for Elementary Education) - Biology

Academic Map

Literacy, Elementary, & Early Childhood Education

Effective Year: 2019–2020

Track: Biology

Semester 1	Cr.	Min Gr.	Milestone
BIO 121 General Biology I	4	C-	An SAT score or CCSU Placement Test determines placement in Mathematics and English courses.
MATH 113 Structure of Math I: Number Systems	3	C	
WRT 110 Introduction to College Writing	3	C	Target cumulative GPA \geq 2.70.
General Education	3		
General Education (PE 144 suggested)	2-3		

Total: 15-16

Semester 2	Cr.	Min Gr.	Milestone
General Education course	2-3		! Complete any required fingerprinting.
BIO 122 General Biology II	4	C-	Target cumulative GPA \geq 2.70.
MATH 213 Structure of Math II	3	C	
PSY 136 Life-Span Development	3	C	
SCI 211 Earth and Physical Science	3	C	

Total: 15-16


Semester 3	Cr.	Min Gr.	Milestone
BIO 200 Integrative Biology	4	C-	! Target cumulative GPA \geq 2.70.
EDF 215 Education in a Multicultural Society	3	C	Begin preparing for application to the Professional Program for Teacher Certification.
GSCI or AST major course	3-4	C-	
HIST 161 or HIST 162	3	C	Take Science and Math subtests of the Praxis II Elementary Multiple Subjects Test at end of semester.
PSY 361 or PSY 362	3	C	



Total: 16-17


Semester 4	Cr.	Min Gr.	Milestone
GSCI major course	4	C-	! Maintain cumulative GPA \geq 2.70.
PHYS 111 or PHYS 121	3-4	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: 16-17

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 Education	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	
*LLA 315 Comprehensive Reading Instruction I	3	C	
*SPED 315 Introduction to Educating Learners with Exceptionalities	3	C	
BIO elective	3-4	C-	
Total: 16-17			

Semester 6	Cr.	Min Gr.	Milestone
*EDEL 322 Effective Elementary Teaching I	3	C	 All required Praxis II tests and the Foundations of Reading test must be passed to be eligible to apply for Student Teaching next semester.  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	
*LLA 316 Comprehensive Reading Instruction II	3	C	
BIO elective	3-4	C-	
General education course	3		
Total: 15-16			

Semester 7	Cr.	Min Gr.	Milestone
*EDEL 420 Effective Elementary Teaching II	3	C	Apply for Student Teaching by September 15 or February 15. All required Praxis II tests and the Foundations of Reading test must be passed by this date!  Earn semester GPA \geq 2.70 Apply for graduation early in the semester. NOTE: 45-60 hours of off-campus field experience required; some courses may be held in an elementary school.
*LLA 412 Literacy in the Elementary School	3	C	
*MATH 412 Elementary Mathematical Methods	3	C	
*SCI 412 Learning and Curriculum Studies in Science	2	C	
CHEM 161 General Chemistry	3	C-	
CHEM 162 General Chemistry laboratory	1	C-	
Total: 15			

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