

B.S. IN ELEMENTARY EDUCATION WITH MIDDLE SCHOOL SCIENCE

Code	Title	Credits
Major in Elementary Education with Middle School Science (B.S.)		
BIO 124 & BIO 124D	Integrative Biology: Genes, Cells, Change and Integrative Biology: Genes, Cells, Change Lab	4
BIO 128 & BIO 128D	Integrative Biology: Metabolism, Energy, Biodiversity and Integrative Biology: Metabolism, Energy, Biodiversity Lab	4
CHE 113 & CHE 113D	General Chemistry I and General Chemistry I Lab	4
CHE 214 & CHE 215	General Chemistry II and General Chemistry II Lab	4
EDU 200 & EDU 201	Introduction to Education and Introduction to Education Field Experience	4
Block 1 - Courses in this sequence are taken as a block in the same semester.		9
EDU 272	Language and Literacy Development for Young Learners (K-3)	
EDU 273	Primary Grade Field Experience	
EDU 276	Educational Psychology	
EDU 275	Kindergarten Education	2
EDU 277	Equitable Tech Integration Across Disciplines	3
EDU 317GZ	Educational Equity	4
EDU 363	Health Curriculum and Methods	1
EDU 365	Physical Education Curriculum and Methods	1
EDU 366A	Visual Arts Curriculum and Methods	1
EDU 368A	Music Curriculum and Methods	1
Block 2 - Courses in this sequence are taken as a block in the same semester.		18
EDU 470	Math Curriculum and Methods ³	
EDU 471	Science Curriculum and Methods ³	
EDU 473	Reading/Language Arts Curriculum and Methods ³	
EDU 474	Social Studies Curriculum and Methods: Planning ³	
EDU 476	Intermediate Grade Field Experience ³	
EDU 477	Elementary Teaching & the Inclusive Classroom ³	
EDU 494 & EDU 493	Student Teaching Elementary K-6 and Student Teaching Seminar	14
HIS 200L	History of the United States	4
MAT 201M	Mathematics for Elementary Education 1	4
MAT 202	Mathematics for Elementary Education 2	2
NAS 102D	Science Concepts - Earth/Space Science ²	2
PHY 102 & PHY 102D	Physics of Everyday Life and Physics of Everyday Life-Lab	4
PHY 112 & PHY 112D	Introduction to Astronomy and Introduction to Astronomy Lab	4
Middle Level Endorsement courses:		14
EDU 220	Introduction to Middle Level Education	

B.S. in Elementary Education with Middle School Science 2

EDU 320 & EDU 321	Pedagogy and the Young Adolescent Learner and Integrated Literacy in the Content Areas	
EDU 429	Science Education Field Experience in Grades 5-8 or 5-12	
EDU 491	Student Teaching in Middle Level	
EDUC 672	Science 5-12 Teaching Methods ¹	
Code	Title	Credits
Major ⁴		108
General Education ⁵		32-40
Total Credits		140-148

¹ TEAC 524 and TEAC 526 are prerequisites for this course.

² In order to meet the General Education Laboratory Science (D) requirement, students must take two NAS courses.

³ NAS 101D, NAS 103D, and NAS 104D are prerequisites for this course.

⁴ In order to meet requirements and dual-majors, this number is subject to change. Students should consult with their advisor.

⁵ Courses whose number is followed by a letter fulfill a General Education requirement.