

MINOR IN SCIENCE EDUCATION

Curriculum

Students must complete a minimum of six credits of advanced standing coursework in their minor.*

Courses are selected with the approval of the department chairperson.

Code	Title	Credits
Generalist Area		9
The minor includes a 9-credit generalist area (courses from three of these six areas):		
SCI 101 or SCI 102	Earth and Its Systems Life, Matter, and Energy	
BIO 100 or BIO 110	Basic Biological Science General Biology I	
CHE 103 & CRL 103 or CHE 107 & CRL 107	General Chemistry I and General Chemistry I Lab General Chemistry for Allied Health Sciences and General Chemistry Lab for Allied Health Sciences	
ESS 101	Introduction to Geology	
PHY 130	General Physics I	
SCB 102 or ESS 102 or ENV 102 or SCB 210	Humans and the Environment Humans and the Environment Humans and the Environment The Origin of Life and the Universe	
Advanced Course Work		6
Select 6 credits of advanced course work in these areas:		
BIO 204	Introductory Microbiology	
BIO 214	General Microbiology	
BIO 215	General Botany	
BIO 217	General Zoology	
CHE 104 & CRL 104	General Chemistry II and General Chemistry II Lab	
CHE 230 & CRL 230	Introduction to Organic and Biological Chemistry and Introduction to Organic and Biological Chemistry Lab	
ESS 201	Field Geology	
ESS 204	Historical Geology	
ESS 301	Environmental Geochemistry	
ESS 307	Geology of the Solar System	
ESS 311	Introduction to Astronomy	
ESS 330	Introduction to Oceanography	
ESS 331	Introduction to Paleontology	
ESS 370	Atmospheric Science	
PHY 140	General Physics II	
Science Education		3
Select 3 credits of science education. Select one track below, depending on major:		
EGP Track (for EGP Majors only)		
SCE 320	Science Methods for Grades PK-4	
MGP Track (for MGP Majors only)		
SCE 330	Science Methods for Middle Level (4-8)	
Community Track (for all other majors)		
SED 360	Science Education in the Secondary School	
Total Minimum Credits Required		18

*Advanced standing coursework is defined as any 300-level course or above and specific 200-level courses identified by the department.