

PHYSICAL SCIENCES

45-Credit Composite Teaching Major

This is a 40-credit composite teaching major consisting of courses in chemistry, geology, and physics. A teaching minor in mathematics is recommended to accompany this teaching major.

Code	Title	Hours
CHEM 111	General Chemistry I	3
CHEM 111L	General Chemistry I Laboratory	1
CHEM 112	General Chemistry II	4
CHEM 112L	General Chemistry II Laboratory	1
CHEM 275	Carbon Compounds	3
GEOL 101 & 101L	Physical Geology and Physical Geology Lab	4
PHYS 103	General Astronomy	3
PHYS 211 & 211L	Engineering Physics I and Laboratory Physics I	4
PHYS 212 & 212L	Engineering Physics II and Laboratory Physics II	4
PHYS 213	Engineering Physics III	3
PHYS 411	Advanced Physics Lab	4
Select one of the following:		3-4
BIOL 102 & 102L	Biology and Society and Biology and Society Lab	
BIOL 114	Organisms and Environments	
GEOG 100 & 100L	Introduction to Planet Earth and Introduction to Planet Earth Lab	
GEOG 401	Climatology	
Select additional electives in chemistry, geology, or physics to total 45 credits ¹		2-3
In addition, the following special methods sequence is also required:		
EDCI 433	Secondary Science Methods	3
EDCI 443	Secondary Science Methods Practicum	1
Total Hours		43-45

1

Recommended Elective courses include BIOL 380 Biochemistry I & CHEM 302 Principles of Physical Chemistry (2-3 cr).