

PHYSICAL SCIENCES

45-Credit Composite Teaching Major

This is a 45-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 1111	General Chemistry I	3
CHEM 1111L	General Chemistry I Laboratory	1
CHEM 1120	General Chemistry II	4
CHEM 1120L	General Chemistry II Laboratory	1
CHEM 2750	Carbon Compounds	3
GEOL 1101 & 1101L	Physical Geology and Physical Geology Lab	4
PHYS 1030	General Astronomy	3
PHYS 2110 & 2110L	Engineering Physics I and Laboratory Physics I	4
PHYS 2120 & 2120L	Engineering Physics II and Laboratory Physics II	4
PHYS 2130	Engineering Physics III	3
PHYS 4110	Advanced Physics Lab	4
Select one of the following:		3-4
BIOL 1020 & 1020L	Biology and Society and Biology and Society Lab	
BIOL 1140	Organisms and Environments	
GEOG 1000 & 1000L	Introduction to Planet Earth and Introduction to Planet Earth Lab	
GEOG 4010	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 4330	Secondary Science Methods	3
EDCI 4430	Secondary Science Methods Practicum	1
Total Hours		43-45

¹ Recommended Elective courses include BIOL 3800 Biochemistry I & CHEM 3020 Principles of Physical Chemistry (2-3 cr).