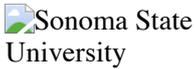


skip navigation



Search SSU Catalog

Search

ACADEMIC PROGRAMS

ACADEMIC PROGRAMS



Go

PHYSICAL SCIENCES FOR ELEMENTARY SCHOOL TEACHERS

- Word from the President
 - SSU Snapshots
 - Year in the Life, Videos
 - Academic Programs
 - Academic Schools
 - Admissions
 - Calendar Degrees
 - Degree
 - Requirements Fees & Financial Aid
 - Housing Information
 - Technology
 - Library Regulations & Policies
 - Student Services
 - Arts at SSU Centers, Institutes & Projects
 - Diversity Mission, History, Accreditation
 - University Support Services
 - Administration
 - Faculty California State University
 - About This Catalog
 - Search Page
 - Catalog Home
 -
 -
- Program offered**
Minor in Physical Sciences
- Program Advisors and Offices**
Douglas Martin / Chemistry Department
Darwin Hall 126
(707) 664-2334, doug.martin@sonoma.edu
- Rolfe Erickson / Geology Department
Darwin Hall 126
(707) 664-2334
- Joseph S. Tenn / Physics and Astronomy Department
Darwin Hall 144
(707) 664-2594, joe.tenn@sonoma.edu
- The minor in physical sciences for elementary teachers provides an introduction to the physical sciences at a nontechnical (nonmathematical) level. The minor is intended for liberal studies majors who also plan to enter a general elementary school teaching credential program. The minor will provide the background and skills to teach some physical sciences in the elementary and middle schools. This minor is not appropriate for students planning to teach science in the secondary schools; they should study physical science at a more technical level, and may choose a minor in astronomy, chemistry, geology, or physics.
- Minor in Physical Sciences**
The minor consists of the following 22-23 units. Six of these will also be counted in general education. Students interested in the minor should consult an advisor.
- Minor Core Requirements**
- | | |
|--|--------------|
| Complete the following 16-17 units; of these, 6 may be applied to general education. | |
| ASTR 100 Descriptive Astronomy | 3 |
| CHEM 102 Toxicology, Food and Chemistry | 3 |
| GEOL 102 Our Dynamic Earth | 3 |
| CS 101 Introduction to Computers and Computing | 3 |
| PHYS 100 Descriptive Physics | 3 |
| ASTR 231 Introductory Observational Astronomy (2) or | |
| PHYS 102 Descriptive Physics Laboratory (1) | 1-2 |
| Total units in minor core | 16-17 |

Minor Electives

Complete 6 units from the following:
 ASTR 305 Frontiers in Astronomy (3)
 ASTR 350 Cosmology (3)

GEOG 310 Meteorology (3-4)
GEOL 306 Environmental Geology (3)
GEOL 323 Hydrology (3)
PHYS 342 Popular Optics (3)

Total units in the minor electives

6

Total units in the minor, including 6 units in general education

22-23

SONOMA STATE UNIVERSITY

(707) 664-2880 • 1801 East Cotati Ave • Rohnert Park, CA 94928
www.sonoma.edu • campus map

THE CALIFORNIA STATE UNIVERSITY