

EARTH SCIENCES TEACHING MAJOR (B.A.)

<https://ceps.unh.edu/earth-sciences/earth-sciences-teaching-ba>

Satisfy the secondary-school teacher education program.

Total Credits 56

¹ Or CHEM 405 Chemical Principles for Engineers if applicable

Description

The bachelor of arts in Earth sciences teaching program is offered by the Department of Earth Sciences in coordination with the Department of Education. The program is specifically designed to prepare students to teach Earth sciences in secondary school. With careful planning, upon graduation from this program, qualified students are prepared to complete a M.A.T./M.Ed. degree in education with an additional year of graduate study, which includes a year-long internship (EDUC 900A Internship and Seminar in Teaching/EDUC 901A Internship and Seminar in Teaching). After completing this typically five-year program, students receive full teacher certification for New Hampshire, which is recognized in many other states.

General Science Certification

Students majoring in animal sciences, biochemistry, biology, Earth sciences, environmental conservation studies, environmental sciences, forestry, microbiology, plant biology, wildlife management, or zoology may seek certification to teach science at the middle, junior, or high school level.

For further information, contact the coordinator of teacher education in the Department of Education.

Requirements

Code	Title	Credits
Requirements		
Satisfy the Discovery Program Requirements		
Satisfy the bachelor of arts degree requirements		
ESCI 401 or ESCI 409	Dynamic Earth Geology and the Environment	4
ESCI 402	Earth History	4
ESCI 501	Introduction to Oceanography	4
GEOG 473	Elements of Weather	4
CHEM 403 & CHEM 404	General Chemistry I and General Chemistry II ¹	8
PHYS 406	Introduction to Modern Astronomy	4
Select one of the following:		
PHYS 401 & PHYS 402	Introduction to Physics I and Introduction to Physics II	8
PHYS 407 & PHYS 408	General Physics I and General Physics II	8
Complete 12 approved elective credits from intermediate and/or advanced Earth sciences courses.		12
Math Requirements		
MATH 425	Calculus I	4
MATH 426	Calculus II	4
Capstone		
Teacher Education Requirements		