

CHEMISTRY EDUCATION OPTION

This option is offered within the following major(s):

- Chemistry - College of Science (<http://catalog.oregonstate.edu/college-departments/science/chemistry/chemistry-ba-bs-hba-hbs/>)

The Chemistry Education option is directed at students planning to teach high school chemistry or continuing on with graduate education and teaching careers at community colleges. Students can earn a BS degree in Chemistry in four years and obtain experience that can be useful when applying for the Master of Science in Science Education from OSU. This option includes 11 courses covering teaching methods, a secondary area, and undergraduate teaching internship and seminar in chemistry.

The Chemistry Education option is designed for the Track-Two BS degree in Chemistry.

Option Code: 516

Code	Title	Credits
CH 407	SEMINAR (Chemistry Teaching)	1
CH 410	INTERNSHIP (Undergraduate Teaching)	3
ED 309	FIELD PRACTICUM	3
or ED 409	PRACTICUM/CLINICAL EXPERIENCE	
PSY 202	*GENERAL PSYCHOLOGY	4
SED 412	TECHNOLOGY FOUNDATIONS FOR TEACHING MATH AND SCIENCE	3
SED 413	INQUIRY IN SCIENCE AND SCIENCE EDUCATION	3
Second Endorsement Electives		15
Select one course from the following: ¹		3
ED 216	*PURPOSE, STRUCTURE, AND FUNCTION OF EDUCATION IN A DEMOCRACY	
ED 253	LEARNING ACROSS THE LIFESPAN	
PSY 350	HUMAN LIFESPAN DEVELOPMENT	
SED 414	INQUIRY IN MATHEMATICS AND MATHEMATICS EDUCATION	
Total Credits		35

*

Baccalaureate Core Course (BCC)

1

Courses in the second endorsement area are to be from a list approved by the College of Education and must be different from those required in the chemistry core. The courses in this option are designed to interface with the Professional Teacher Master of Science Education program for prospective high school teachers through the College of Education at OSU

Option Code: 516