

## Minor

# Chemistry Minor

## Requirements

The chemistry minor consists of 13 credits of which nine credits must be selected from the following:

Select nine credits from the following: 9

CHEM 213	Organic Chemistry II Lecture
CHEM 321	Analytical Chemistry Lecture
CHEM 331	Physical Chemistry Lecture I
CHEM 333	Physical Chemistry Lecture II
CHEM 351	Inorganic Chemistry
CHEM 411	Natural Products Chemistry in the Carribean
CHEM 415	Intermediate Organic Chemistry
CHEM 439	Introduction to Pharmaceutical Chemistry
CHEM 441	Biochemistry Lecture
CHEM 443	Intermediate Biochemistry
CHEM 449	Environmental Chemistry
CHEM 451	Advanced Inorganic Chemistry
CHEM 453	Essentials of Toxicology

Select four credits from the following: 4

CHEM 214	Organic Chemistry II Laboratory
CHEM 322	Analytical Chemistry Laboratory
CHEM 332W	Experimental Physical Chemistry I
CHEM 334W	Experimental Physical Chemistry II
CHEM 352	Inorganic Chemistry Laboratory
CHEM 442W	Biochemistry Laboratory
CHEM 452	Advanced Inorganic Chemistry Laboratory
CHEM 497	Independent Study
CHEM 498	Independent Study

**Total Credit Hours** 13

The courses designated for the minor and taken by students must be completed with an overall cumulative grade point average of 2.00 or better. CHEM 121N/CHEM 122N and CHEM 123N/CHEM 124N must be completed as prerequisites for the minor in chemistry and are not included in the calculation of the grade point average for the minor. Additional prerequisite courses may also be required and are not included in the grade point average for the minor. Students electing the minor must complete a minimum of six credit hours in the minor requirement through courses offered by Old Dominion University. Any substitutions must be approved in writing by the chief departmental advisor.