

2014 - 2015 Old Dominion University Catalog

Bachelor of Science in Chemistry (Teaching Licensure)

Sample four year curriculum with a suggested ordering of courses. Students may re-order as needed.

YEAR 1 - FRESHMAN (34 CREDITS)

FALL SEMESTER (17 credits)

General Education Coursework:

CHEM 121N/122N
MATH 162M
PHYS 231N
ENGL 110C
Language and Culture I

SPRING SEMESTER (17 credits)

General Education Coursework:

CHEM 123N/124N (or CHEM 137N/138N)
MATH 163
PHYS 232N
ENGL 211C, 221C, or 231C
Language and Culture II

YEAR 2 - SOPHOMORE (38 CREDITS)

FALL SEMESTER (16 credits)

General Education Coursework:

CHEM 211-CHEM 212 (5 credits)
Philosophy and Ethics
MATH 211 (4 credits)
COMM 101R

Professional Education Coursework:

STEM 101 (1 credit)

SPRING SEMESTER (16 credits)

General Education Coursework:

CHEM 213-214 (5 credits)
Human Creativity
MATH 212 (4 credits)
Information Literacy and Research

Professional Education Coursework:

STEM 102 (1 credit)

SUMMER SEMESTER (6 credits)

General Education Coursework:

Interpreting the Past
Human Behavior

YEAR 3 - JUNIOR (40 CREDITS)

FALL SEMESTER (16 credits)

Major Coursework:

CHEM 441
CHEM 351
MATH 312 (4 credits)
CHEM 331

Professional Education Coursework:

STEM 201

SPRING SEMESTER (16 credits)

Major Coursework:

CHEM 449
CHEM 332W (2 credits)
CHEM 321 & 322 (5 credits)
Literature

Professional Education Coursework:

STEM 202

SUMMER SEMESTER (8 credits)

Major Coursework:

CHEM 333 & 334W (5 credits)

Professional Education Coursework:

STEM 401

YEAR 4 - SENIOR (27 CREDITS)

FALL SEMESTER (15 credits)

Major Coursework:

CHEM 421 & 422 (6 credits)
CHEM 485
CHEM Elective

Professional Education Coursework:

SCI 468

Language and Culture may be waived, see ODU catalog for exemptions.

SPRING SEMESTER (12 credits)

Major Coursework:

STEM 485 (9 credits)
STEM 402

Note: Upper division general education is satisfied through the Professional Education Core Courses.

Requirements for graduation include a minimum cumulative grade point average of 2.75 GPA, in the major area, and in the professional education core, with no grade less than a C in the major and C- in the professional education core; successful completion of the Teacher Candidate Internship and a minimum of 135 credit hours, which must include both a minimum of 34 credit hours overall and 12 credit hours in upper-level courses in the major program from Old Dominion University, completion of ENGL 110C, ENGL 211C or 221C or 231C, and a writing intensive (W) course in the major with a grade of C or better, and completion of Senior Assessment.