

2014 - 2015 Old Dominion University Catalog

Bachelor of Science in Biology (Secondary Education Concentration)

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

YEAR 1 - FRESHMAN (32 CREDITS)

FALL SEMESTER (16 credits)

General Education Coursework:

ENGL 110C

Oral Communication

MATH 162M

Language and Culture I (May be waived, see catalog for details)

BIOL 121N & 122N

SPRING SEMESTER (16 credits)

General Education Coursework:

ENGL 231C

Human Creativity

Interpreting the Past

Language and Culture II (May be waived, see catalog for details)

BIOL 123N & 124N

YEAR 2 - SOPHOMORE (28 CREDITS)

FALL SEMESTER (14 credits)

General Education Coursework:

Literature

OEAS 110N or OEAS 111N** (4 credits)

STAT 130M

CS 121G

Professional Education Coursework:

STEM 101 (1 credit)

SPRING SEMESTER (14 credits)

General Education Coursework:

MATH 200

PHYS 111N** (4 credits)

Human Behavior

Philosophy and Ethics

Professional Education Coursework:

STEM 102 (1 credit)

YEAR 3 - JUNIOR (43 CREDITS)

FALL SEMESTER (15 credits)

Major Coursework:

BIOL 291

BIOL 292

CHEM 121 & 122N (4 credits)

CHEM 211 & 212 (5 credits)

SPRING SEMESTER (14 credits)

Major Coursework:

BIOL 303

CHEM 123 & 124N (4 credits)

Biology Elective*** (4 credits)

Professional Education Coursework:

STEM 201

SUMMER SEMESTER (14 credits)

Major Coursework:

STEM 202

STEM 401

Biology Elective*** (4 credits)

Biology Elective*** (4 credits)

YEAR 4 - SENIOR (26 CREDITS)

FALL SEMESTER (14 credits)

Major Coursework:

BIOL 405W

SCI 468

CHEM Elective 200-level or higher (5 credits)

BIOL 293

SPRING SEMESTER (12 credits)

Professional Education Coursework:

STEM 485 (9 credits)

STEM 402

**Must be in the following sequence: PHYS 111N & PHYS 112N or OEAS 110N & OEAS 112N or OEAS 111N & OEAS 112N

***Students must choose 16 elective hours at the 300 level or above from the courses offered by the Department of Biological Sciences. Three of the courses must have a laboratory or field component (see individual course descriptions). Students may use four credits at the 200 level to satisfy the elective requirement and may use no more than six credits of unstructured courses to satisfy the requirement (see below). Elective courses must be passed with a grade of C (2.0) or better unless they are specified as Pass/Fail courses, in which case they must be passed (P).

Please refer to the catalog for Teacher Preparation requirements.

Professional Education Coursework satisfies the Upper Division General Education Coursework.

Requirements for graduation include completion of ENGL 110C, ENGL 211C or 221C or 231C, and the writing intensive (W) course in the major with a grade of C or better, completion of the Biology and Senior Assessments, a minimum cumulative 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 129 credit hours, which must include both a minimum of 33 credit hours overall and 12 credit hours in upper-level courses in the major program from Old Dominion University. Note that a C (2.0) must be earned in all biology courses used to satisfy departmental requirements.