

2017 - 2018 Old Dominion University Catalog

Bachelor of Science in Biology

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

YEAR 1 - FRESHMAN (32 CREDITS)

FALL SEMESTER (16 credits)

General Education Coursework:

ENGL 110C	3
Oral Communication	3
MATH 162M	3
Language and Culture I (May be waived, see catalog for details)	3
BIOL 121N/122N	4

SPRING SEMESTER (16 credits)

General Education Coursework:

ENGL 231C	3
Human Creativity	3
Interpreting the Past	3
Language and Culture II (May be waived, see catalog for details)	3
BIOL 123N/124N	4

YEAR 2 - SOPHOMORE (30 CREDITS)

FALL SEMESTER (14 credits)

General Education Coursework:

Information Literacy and Research: CS 121G required	3
Impact of Technology	3

Major Coursework:

STAT 130M	3
BIOL 291	3
CHEM 121N/122N	4

SPRING SEMESTER (16 credits)

General Education Coursework:

Human Behavior	3
Philosophy and Ethics	3

Major Coursework:

BIOL 292	3
MATH 205 or 200 or 211	3
CHEM 123N/124N	4

YEAR 3 - JUNIOR (32 CREDITS)

FALL SEMESTER (16 credits)

General Education Coursework:

Literature	3
<u>Major Coursework:</u>	
PHYS 111N, OEAS 110N or OEAS 111N*	4
CHEM 211	3
BIOL 293	3
300 level Biology Elective**	3

SPRING SEMESTER (16 credits)

Major Coursework:

CHEM Elective 200-level or higher (excluding CHEM 343T)	5
PHYS 112N or OEAS 112N*	4
BIOL 303	3
300 level Biology Elective**	4

YEAR 4 - SENIOR (26 CREDITS)

FALL SEMESTER (14 credits)

Major Coursework:

BIOL 405W, 423W, 430W, 436W, or 488W	3
300 level Biology Elective**	4
300 level Biology Elective**	4
<u>Upper Division Gen. Ed. Coursework:</u>	
300-/400-level Option D or Approved Minor	3

SPRING SEMESTER (12 credits)

Major Coursework:

300 level Biology Elective**	3
<u>Upper Division Gen. Ed. Coursework:</u>	
300-/400-level Option D or Approved Minor	3
300-/400-level Option D or Approved Minor	3
300-/400-level Option D or Approved Minor	3

*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. A minimum of three of the courses must have a structured laboratory/field component. BIOL 368 (Internship) and BIOL 369 (Practicum) courses cannot be used to satisfy this requirement. Students may use the four credits of BIOL 251 taken at Old Dominion University towards the upper-division elective requirements. No 200 level transfer credits can be used towards the elective courses. Students may use no more than six credits of unstructured courses to satisfy the requirement. 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).

Students may take advantage of several non-classroom experiences ("Unstructured Courses") offered by the Department of Biological Sciences and may receive elective credit for these experiences. These include BIOL 367 (Cooperative Education), BIOL 368 (Internship), BIOL 369 (Practicum), BIOL 497 (Undergraduate Research) and BIOL 498 (Independent Study). BIOL 367, 368, 369 and 498 cannot be used to satisfy the lab/field requirement but can be used to satisfy one of the required 16 elective hours. See individual course descriptions and the chief departmental advisor for more information about these opportunities.

Consult with your advisor and the ODU Catalog for Upper Division General Education Coursework.

Requirements for graduation include a minimum cumulative grade point average of 2.00 overall and in the major, a grade of C or better in all courses required for the major, including prerequisite courses, 120 credit hours, which must include both a minimum of 30 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.