

2020 - 2021 Old Dominion University Catalog

Bachelor of Science in Marine Biology (w/ VCCS Equivalencies)

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

** Indicates not automatically waived with transferrable associates degree, C or better required for transfer. Courses in green are waived by the completion of an Associate degree (Not eligible for Applied Associate degrees). Associate in Science recommended for ease of transfer.*

YEAR 1 - FRESHMAN (32 CREDITS)

FALL SEMESTER (16 credits)		SPRING SEMESTER (16 credits)	
<u>General Education Coursework:</u>	<u>VCCS Equivalency:</u>	<u>General Education Coursework:</u>	<u>VCCS Equivalency:</u>
ENGL 110C*	ENG 111	ENGL 231C*	ENG 115 or 131
STAT 130M*	MTH 146, 155, 157, 240, 241, 242 or 245	Oral Communication	Transfer Guide
Human Creativity	Transfer Guide	Interpreting the Past	Transfer Guide
Language and Culture I (May be waived, see catalog for details)	Transfer Guide	Language and Culture II (May be waived, see catalog for details)	Transfer Guide
BIOL 121N & 122N*	BIO 101	BIOL 123N & 124N*	BIO 102

YEAR 2 - SOPHOMORE (33 CREDITS)

FALL SEMESTER (16 credits)		SPRING SEMESTER (17 credits)	
<u>General Education Coursework:</u>	<u>VCCS Equivalency:</u>	<u>General Education Coursework:</u>	<u>VCCS Equivalency:</u>
MATH 163*	MTH 162, 164 or 167	Human Behavior	Transfer Guide
Information Literacy and Research: CS 121G required*	Transfer Guide	Philosophy and Ethics	Transfer Guide
<u>Major Coursework:</u>		<u>Major Coursework:</u>	
Impact of Technology	Transfer Guide	BIOL 292	
BIOL 291		MATH 211(4 credits)*	MTH 173, 263 or 273
CHEM 121N & 122N (4 credits)*	CHM 111	CHEM 123 & 124N (4 credits)*	CHM 112

YEAR 3 - JUNIOR (32 CREDITS)

FALL SEMESTER (16 credits)		SPRING SEMESTER (16 credits)	
<u>General Education Coursework:</u>	<u>VCCS Equivalency:</u>	<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>
Literature	Transfer Guide	BIOL 294	
<u>Major Coursework:</u>		PHYS 111N (4 credits)*	PHY 111, 121, 201
CHEM 211*	CHM 241	BIOL 331	
OEAS 111N (4 credits)*	GOL 105	OEAS 306	
BIOL 293		300/400 level Marine Biology Elective**	
300/400 level Marine Biology Elective**			

YEAR 4 - SENIOR (28 CREDITS)

FALL SEMESTER (15 credits)		SPRING SEMESTER (13 credits)	
<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>	<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>
BIOL Writing Intensive Course (see catalog)		300/400 level Biology Elective**	
300/400 level Marine Biology Elective**		<u>Upper Division Gen. Ed. Coursework:</u>	
<u>Upper Division Gen. Ed. Coursework:</u>		300-/400-level Option D or Approved Minor***	
300-/400-level Option D or Approved Minor***		300-/400-level Option D or Approved Minor***	
Elective***		300-/400-level Option D or Approved Minor***	
Elective***			

Students in the program are expected to participate in non-credit, monthly meetings of the ODU MarineBiology Student Association. One course completed at an off-campus marine biology laboratory or study abroad program is strongly recommended, as is a research, practicum, or internship experience in marine biology. Other requirements are listed under the Bachelor of Science—Biology Major. Marine biology students may also select a minor in ocean and earth science.

**Students must complete BIOL 331, OEAS 306, and 16 credits of biology electives. BIOL 331 will count towards the 16 credits of biology electives. Nine of the 16 credits must be in approved marine biology-related courses at the 300 or 400 level (BIOL 307, BIOL 310, BIOL 368, BIOL 369, BIOL 402, BIOL 415W, BIOL 420, BIOL 424, BIOL 435, BIOL 444, BIOL 453, BIOL 471W, BIOL 487, BIOL 488W, BIOL 497, BIOL 498). All required and elective courses used for the concentration must be passed with a C (2.0) or better. The mathematics requirement for the concentration is MATH 211 or MATH 205, and the non-biology physical science requirements are OEAS 110N or OEAS 111N and PHYS 111N.

***Consult Catalog, Degree Works and with your Advisor.

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.