

# Bachelor of Science Biology (BS)

## Degree Program Guide

The Degree Program Guide is a suggested curriculum to complete this degree program in four years. It is just one of several plans that will work and is presented only as broad guidance to students. Each student is strongly encouraged to develop a customized plan in consultation with their academic advisor. Additional information can also be found in Degree Works.

Course	Title	Credit Hours
<b>Freshman</b>		
<b>First Semester</b>		
ENGL 110C	English Composition (C or better required)	3
MATH 162M	Precalculus I	3
BIOL 121N	General Biology I	3
BIOL 122N	General Biology I Lab	1
CHEM 121N	Foundations of Chemistry I Lecture	3
CHEM 122N	Foundations of Chemistry I Laboratory	1
<b>Credit Hours</b>		<b>14</b>
<b>Second Semester</b>		
ENGL 211C or ENGL 231C	Writing, Rhetoric, and Research (C or better required) or Writing, Rhetoric, and Research: Special Topics	3
MATH 205 or MATH 211	Calculus for Life Sciences or Calculus I	3-4
BIOL 123N	General Biology II	3
BIOL 124N	General Biology II Lab	1
CHEM 123N	Foundations of Chemistry II Lecture	3
CHEM 124N	Foundations of Chemistry II Laboratory	1
<b>Credit Hours</b>		<b>14-15</b>
<b>Sophomore</b>		
<b>First Semester</b>		
BIOL 291	Ecology	3
BIOL 292	Evolution	3
CHEM 211	Organic Chemistry I Lecture	3
STAT 130M or STAT 310	Elementary Statistics or Introductory Data Analysis	3
Information Literacy and Research ( <a href="https://catalog.odu.edu/undergraduate/requirements-undergraduate-degrees/#information">https://catalog.odu.edu/undergraduate/requirements-undergraduate-degrees/#information</a> ) (CS 121G, CS126G, OEAS 130G, or HLTH 120G recommended)		3
<b>Credit Hours</b>		<b>15</b>
<b>Second Semester</b>		
BIOL 293	Cell Biology	3
BIOL 294	Genetics	3
Select one of the following:		4
PHYS 111N	Introductory General Physics	
OEAS 110N	Earth Science	
OEAS 111N	Physical Geology	

Human Behavior	3	
Literature	3	
<b>Credit Hours</b>		<b>16</b>
<b>Junior</b>		
<b>First Semester</b>		
300/400-level Biology elective	4	
300/400-level Biology elective	3	
Interpreting the Past	3	
Language and Culture I	0-3	
Elective	4	
<b>Credit Hours</b>		<b>14-17</b>
<b>Second Semester</b>		
300/400-level Biology elective	4	
300/400-level Biology elective	4	
Philosophy	3	
Impact of Technology	3	
Language & Culture II	0-3	
<b>Credit Hours</b>		<b>14-17</b>
<b>Senior</b>		
<b>First Semester</b>		
Biology Writing Intensive (W) course (C or better required)	3	
300/400-level Biology elective	4	
300/400-level Biology elective	4	
Upper-Division General Education course or Minor	3	
Oral Communication	3	
<b>Credit Hours</b>		<b>17</b>
<b>Second Semester</b>		
300/400-level Biology elective	4	
Human Creativity	3	
Upper-Division General Education course or Minor	3	
Minor or Elective	3	
Minor or Elective	3	
<b>Credit Hours</b>		<b>16</b>
<b>Total Credit Hours</b>		<b>120-127</b>