

Davis & Elkins College™

Department of Biology & Environmental Science BS Four-Year Degree Plan (Biology- General Biology Specialization)

This is a model four-year graduation plan. Your path to graduation may vary based on factors such as college credit you earned while in high school, your choice of general education electives, availability of courses, and your placement in English and mathematics.

This degree program can be completed in eight semesters. Check out the [course rotations](#) before scheduling your classes. Visit with your adviser to develop a plan that is right for you.

Year 1

Fall		Spring	
Course	Credits	Course	Credits
BIOL 101 Principles of Biology I	4	BIOL 102 Principles of Biology II	4
MATH 193 College Algebra	3	MATH 195 Pre-Calculus	4
GES 105 First Year Seminar	3	SPSC 102 Wellness Education	1
Gen Eds (ENGL 101A College Writing I recommended)	6	Gen Eds	6
Total	16		15

Year 2

Fall		Spring	
Course	Credits	Course	Credits
BIOL 205 Genetics	4	BIOL 302 Cell and Molecular Bio or BIOL elective	4
CHEM 120 Fundamentals of Chemistry I	3	CHEM 122 Fundamentals of Chemistry II	3
CHEM 121 Chemical Lab Principles I	1	CHEM 123 Chemical Lab Principles II	1
BIOL elective	4	Gen Ed (ENGL 102A College Writing II recommended)	3
Gen Ed	3	MATH 196 Calculus I	4
		BIOL 297 Biology Forum	1
Total	15		16

Year 3

Fall		Spring	
Course	Credits	Course	Credits
BIOL elective(s)	4 or 8	BIOL 305 Evolution or BIOL 302 Cell and Molecular Bio and/or BIOL elective(s)	4 or 8
CHEM 205 Organic Chemistry I	3	CHEM 207 Organic Chemistry II	3
CHEM 206 Organic Chemistry Lab II	1	CHEM 208 Organic Chemistry Lab II	1
Gen Ed or general electives	6 or 9	BIOL 335 Current Topics in Biology	1
		Gen Ed or general elective(s)	3 or 6
Total	14-18		15-16

Year 4

Fall		Spring	
Course	Credits	Course	Credits
BIOL electives	8	BIOL 305 Evolution or BIOL 302 Cell and Molecular Bio and/or BIOL elective(s)	4 or 8
PHYS 221 Fundamentals of Physics I or PHYS 251 Physics I	4	PHYS 222 Fundamentals of Physics II or PHYS 252 Physics II	4
Gen Ed or general elective	3	Gen Ed or general elective	3
		BIOL 498 Senior Seminar	1
Total	15		16

Notes:

This plan is not a contract curriculum and can change.

The two-semester sequence of BIOL 107 Human Anatomy and 108 Human Physiology can be used to fulfill one four-credit Biology elective.

Students interested in applying to graduate school should plan to take the GRE late in the spring of their junior year.

You need a total of 124 hours, not including FND courses. You also need a minimum 2.0 GPA overall and in the major in order to graduate.