

Davis & Elkins College™

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

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
GES 105 First Year Seminar	3	BIOL 102 Principles of Biology II	4
ENVS 101 Intro to Environmental Science	4	MATH 193 College Algebra	3
BIOL 101 Principles of Biology I	4	Gen Eds (SOC 101 Intro Sociology recommended)	6
Gen Ed (ENGL 101A recommended)	3	ENVS elective (ENVS 222 Env Toxicology or ENVS 320 Env Law) or Gen Ed	3 or 4
SPSC 102 Wellness Education	1		
Total	15		16-17

Year 2

Fall		Spring	
Course	Credits	Course	Credits
MATH 195 Pre-calculus	4	MATH 196 Calculus	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
ENVS 233 Intro to GIS or BIOL 214 Ecology or ENVS 212 Zoology or ENVS 315 Natural Resource Mgt. and/or ENVS elective (ENVS 383 Biogeography)	4 or 8	ENVS elective (ENVS 222 Env Toxicology or ENVS 320 Env Law or ENVS 323 RS and GIS or ENVS 213 Plant Taxonomy or ENVS 273 Python for GIS)	3 or 4
Gen Ed (if taking one ENVS)	3	ENVS 297 Env. Science Forum	1
		Gen Ed (ENGL 102A College Writing II recommended)	3
Total	15-16		15-16

Year 3

Fall		Spring	
Course	Credits	Course	Credits
CHEM 205 Organic Chemistry I	3	CHEM 207 Organic Chemistry II	3
ENVS 233 Intro to GIS or BIOL 214 Ecology or ENVS 212 Zoology or ENVS 315 Natural Resource Mgt. and/or ENVS elective (ENVS 383 Biogeography or ENVS 353 Advanced GIS)	4-8	ENVS 213 Plant Taxonomy or ENVS elective (ENVS 222 Env Toxicology or ENVS 320 Env Law or ENVS 323 RS and GIS or ENVS 273 Python for GIS or ENVS 353 Advanced GIS)	3-8
Gen Ed (POLS 100A Intro to Political Science recommended)	3-6	Gen Ed or general electives (ECON 150 Macroeconomics recommended)	3-9
SPSC Activity	1	ENVS 335 Env Issues Seminar	1
Total	15-18		15-18

Year 4

Fall		Spring	
Course	Credits	Course	Credits
PHYS 221 Fund. of Physics I or PHYS 251 Physics I	4	PHYS 222 Fund. of Physics II or PHYS 252 Physics II	4
BIOL 214 Ecology or ENVS 212 Zoology or ENVS 315 Natural Resource Mgt. and/or ENVS elective (ENVS 383 Biogeography or ENVS 353 Advanced GIS)	4-8	ENVS 213 Plant Taxonomy or ENVS elective (ENVS 222 Env Toxicology or ENVS 320 Env Law or ENVS 323 RS and GIS or ENVS 273 Python for GIS or ENVS 353 Advanced GIS)	4-8
Gen Ed or general electives	3-6	ENVS 498A Senior Seminar	1
		Gen Ed or general electives	3
		MATH 180 Statistics (recommended)	3
Total	15-18		15-19

Notes:

This plan is not a contract curriculum and can change.

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.