

B.S. in Environmental Science & Biology (Comprehensive Majors)

FOUR YEAR CURRICULUM GUIDE

Environmental Science PROGRAM / DEPARTMENT of Biology/Toxicology

REV: 5/19/21

Year 1	Fall Semester		Year 1	Spring Semester	
Course #	Title	Cr.	Course #	Title	Cr.
BIO 201	Molecular & Cellular Basis of Life (Core 1)	4	EVS 276	Env. Science Seminar	1
ENG 101	Composition I (Core 2)	3	BIO 202	Org. Adapt. And Div. (Core 4)	4
CHEM 103	General Chemistry (fa only)	4	ENG 102	Composition II (Core 5)	3
CORE/CCI*	Insti. Req. /CCI* (Core 3) or Elementary Statistics** (Core 7) or Math Requirement**	3-5	CHEM 104	General Chemistry (sp only)	4
			CORE/CCI*	Institutional Requirement/CCI* (Core 6) or Marketing Fundamentals (Core 8)	3-5
	TOTAL	14-16		TOTAL	15-17

Year 2	Fall Semester		Year 2	Spring Semester	
Course #	Title	Cr.	Course #	Title	Cr.
BIO CON	BIO Content Area (1) or BIO Elective (1) (for example BIO 2SGI Data Analysis for Scientific Investigations, fall only, is <i>recommended for sophomore students</i> planning graduate school or employment in EVS)	3-4	BIO CON	BIO Content Area (2)	3-4
CHEM 307	Organic Chem. I-Lab (fa only)	4	BIO ELECTIVE	BIO Elective (1) or BIO Content Area (1)	3-4
GEOL 101	Physical Geology	4	MATH	Math Requirement** or Inst. Req./CCI* (Core 3) or Math 208** (Core 7)	3-5
MATH 208	Elementary Statistics** (Core 7) or Inst. Req./CCI* (Core 3) or Math Requirement**	3	ECON 101	Marketing Fundamentals (Core 8) or Institutional Requirement (Core 6)	3
	TOTAL	14-15		TOTAL	12-16

Year 3	Fall Semester		Year 3	Spring Semester	
Course #	Title	Cr.	Course #	Title	Cr.
BIO 301	Professional Prep	1	BIO ELECTIVE	BIO Elective (2)	3-4
BIO 303	Genetics (fa or sp)	4	BIO ELECTIVE	BIO Elective (3) or EVS/BIO elective ((for example BIO 324 Intro to GIS, spring even years, is <i>recommended for students</i> planning graduate school or employment in EVS)	3-4
BIO 310	BIO 310 Ecology (fa odd) or EVS/BIO Elec. or BIO Elective (3)	3-4	CORE	Institutional Requirement (Core 11)	3
CORE	Institutional Requirement (Core 9)	3	CORE	Institutional Requirement (Core 12)	3

PHIL 280B	Applied Ethics-Env. (Core 10 if take all 3 credits) or General Elective	1-3	CORE	Institutional Requirement (Core 13) or General Elective	1-3
	TOTAL	12-15		TOTAL	13-17

Year 4			Year 4		
Fall Semester			Spring Semester		
Course #	Title	Cr.	Course #	Title	Cr.
EVS/BIO ELECTIVE	EVS/BIO Elective or BIO 310 Ecology (fa odd) or BIO Elective (3)	3-4	EVS 476	Issues in Env. Science	3
BIO ELECTIVE	BIO Elective (if needed) (4)	3-4	BIO 495	Biology Senior Seminar (SP only)	1
CORE	Institutional Requirement (Core 14)	3	CORE	Institutional Requirement (Core 15)	3
ELECTIVE	General Elective or (Core 13) Institutional Requirement	3	ELECTIVE	General Elective	3
ELECTIVE	General Elective or PHIL 280B (Core 10 if take all 3 credits)	1-3	ELECTIVE	General Elective	3
			ELECTIVE	General Elective	3
	TOTAL	13-17		TOTAL	16

An EVS/BIO double major can graduate with 120 credits.

*Study abroad is best accomplished during the Junior or Senior year, so plan early with your academic advisor and the International Study Office if pursuing this option.

This curriculum guide includes 13-15 hours of general electives. **MATH: Statistics required (for Environmental Science) and Calculus recommended (to complete Biology requirement); Students planning to attend a graduate or professional school should take a full year of physics and organic chemistry, although not requirements for these majors; biology electives must fulfill "Content Area" requirement (see catalog, Environmental Science Program for details).