

Environmental Science Major (option 2)

B. S. in Environmental Science – Curriculum Map 2019-2020 Catalog

Option II

Concentrations for Option 2 are: Environmental Policy and Management, Environmental Law and Protection, Environmental Writing, Green Design, or Education

Course	Cr.Comp	Course	Cr.Comp
FRESHMAN			
Fall		Spring	
BI 101 Principles of Biology I	4	BI 102 Principles of Biology II	4
EN 101 Composition and Literature I	3	EN 102 Composition and Literature II	3
GL 110 Introduction to Geology (General Education Lab Science)	4	GL 111 Oceanography (General Education Lab Science)	4
MA 107 Precalculus Mathematics (General Education Math)	4	MA 108 Applied Calculus (General Education Math)	4
Fall Semester Total Cr.:		Spring Semester Total Cr.:	
15		15	
SOPHOMORE			
Fall		Spring	
Concentration Elective	3-4	Concentration Elective	3-4
ES 270 Fundamentals of Environmental Science or EC 201 Principles of Economics (Macro) or EC 202 Principles of Economics (Micro)	4-3	MA 232 Elementary Statistics	3
ES 251 Sophomore Seminar in Environmental Science	1	PY 211 Introduction to Psychology (General Education Social Science)	3
PH 323 Environmental Ethics (General Education Ethics and General Education Arts & Humanities) or EN 276 Environmental Writing	3	General Education Literature or ES 130 (http://catalog.norwich.edu/residentialprogramscatalog/generaleducationgoals)	3
PO Elective ¹	3	PO Elective 2 ¹	3
Fall Semester Total Cr.:		Spring Semester Total Cr.:	
14		15-16	
JUNIOR			
Fall		Spring	
CH Chemistry Elective	4	Concentration Elective	3
Concentration Elective	3-4	ES 130 Introduction to Environmental Law (or General Education Literature)	3
EC 201 Principles of Economics (Macro) or 202 Principles of Economics (Micro) or ES 270 Fundamentals of Environmental Science	3-4	ES 340 Project Development in Environmental Science	1
EN 276 Environmental Writing or PH 323 Environmental Ethics	3	GL 253 Geomorphology (or Free Elective) ²	4
SO 201 Introduction to Sociology (General Education Social Science)	3	General Education History (http://catalog.norwich.edu/residentialprogramscatalog/generaleducationgoals)	3
		Free Elective ²	3-4
Fall Semester Total Cr.:		Spring Semester Total Cr.:	
16-18		17-18	
SENIOR			
Fall		Spring	
BI 205 Ecology	4	ES 451 Environmental Science Seminar	3
Concentration Elective	3-4	ES 460 Project Completion in Environmental Science	1
ES 440 Research Project in Environmental Science (Capstone)	3	Concentration Elective	3-4
General Education Arts & Humanities OR PH 323 (http://catalog.norwich.edu/residentialprogramscatalog/generaleducationgoals)	3	Free Elective ²	3-4

General Education Leadership (http://catalog.norwich.edu/residentialprograms/catalog/generaleducationgoals)	1-3	Free Elective (or GL 253) ²	3-4
		Free Elective ²	3-4
Fall Semester Total Cr.:	14-17	Spring Semester Total Cr.:	16-20
TOTAL CREDITS FOR THIS MAJOR: 122-133			

1 Selected from PO 105 American Politics, PO 215 International Relations and PO 305 Geopolitics; Green Design concentration students take EG 109 Introduction to Engineering I and EG 110 Introduction to Engineering II.

2 Can be used out of sequence and to take more than on concentration elective concurrently.

Available Concentrations – Option II

Environmental Policy and Management Concentration 2019-2020 Catalog

MG 101	Introduction to Business	3
CS 120	Business Applications & Problem Solving Techniques	3
SO 202	Problems of Modern Society	3
PO 321	U.S. Constitutional Law	3
MG 309	Management of Organizations	3
MG 341	Business Law I	3
Total Cr.		18

Environmental Law and Protection Concentration 2019-2020 Catalog

CJ 101	Introduction to Criminal Justice	3
CJ 102	Substantive Criminal Law	3
CJ 402	Law and Society	3

Two of the following three:

PO 321	U.S. Constitutional Law	3
PO 314	The Legislative Process	3
PO 331	State and Local Politics	3
SO 202	Problems of Modern Society	3
Total Cr.		18

Environmental Writing Concentration 2019-2020 Catalog

EN 274	Introduction to Creative Writing	3
EN 364	Intermediate Creative Writing	3

Four of the following:

EN 203	Advanced Composition	3
EN 227	Survey of American Literature I	3
EN 228	Survey of American Literature II	3
EN 251	Literature of the Sea	3
EN 282	Literary Methods	3
EN 292	American Ethnic Literature & Cultural Literature	3
EN 320	Literature of the Developing World	3
CM 109	Introduction to Mass Media	3
Total Cr.		18

Green Design Concentration 2019-2020 Catalog

AP 111	Fundamentals of Architecture	4
AP 118	Fundamentals of Architecture II	4
AP 221	Site Development and Design	3
AP 225	Introduction to Passive Environmental Systems	3
AP 325	Materials, Construction, and Design	3

One of the following three:

FA 201	History/Theory of Architecture I	3
FA 202	History/Theory of Architecture II	3
FA 308	History/Theory of Architectural III	3
Total Cr.		20

Environmental Education Concentration 2019-2020 Catalog¹

ED 104	Foundations of Education	3
Five of the following:		16-19
ED 234	Learning and Teaching Strategies	4
ED 315	Special Needs Child	3

ED 351	Methods of Teaching Science to Elementary Students	3
ED 363	Reading and Writing in the Content Area	4
PY 220	Developmental Psychology	3
PY 324	Adolescent Psychology	3
PY 352	Learning and Memory	4
Total Cr.		19-22

¹ For Environmental Education concentration students seeking licensure, a double major in Education, Elementary Teacher Licensure is required, and may require an additional semester for student teaching.