

**ENVIRONMENTAL STUDIES AAS
ENVIRONMENTAL MANAGEMENT BT
COURSE SEQUENCE**

Year 1 - Fall Semester

BIOL 186	Entomology	3
BIOL 111	Biology I and Lab	4
FWLD 101	Intro Natural Res Conserv.	3
MATH 111	College Algebra	3
PHED 151	Wellness	1
FFCS199	Foundation for College Success	<u>1</u>
		15

Year 1 - Spring Semester

SUST 101	Introduction to Sustainability	3
PSCI 105	Env Sci and Technology	3
CHEM 111	General Chemistry I and Lab	4
ENGL 101	Composition I	3
BIOL 112	Biology II and lab	4
	or	
BIOL 131	Natural History of Vertebrates	<u>3</u>
		16-17

Year 2 - Fall Semester

BIOL 212	Forest Ecology	3
CITA 112	Spreadsheet & Database Applc	3
AGSC 111	Introduction to Soil Science	3
ORHT 121	Woody Plants	3
LAS	General Education Core	<u>3</u>
		15

Year 2 - Spring Semester

GIST 130	Geographic Info Systems	3
AGRN 121	Soil and Water Conservation	3
CHEM 112	General Chemistry II and Lab	4
	or	
CHEM 216	Water Chemistry	3
LAS	General Education Core	3
LAS	General Education Core	<u>3</u>
		15-16

The first two years of the Environmental Management Program satisfies the requirements for the Environmental Studies Associates Degree in Applied Science.

Year 3 - Fall Semester

BIOL 320	Environmental Toxicology	3
BIOL307	Env Research Methods I	1
BIOL318	Terrestrial Invertebrate Ecology	4
COMM301	Technical Communications	3
MATH 125	Statistics	3
PSCI 303	Field Geology	3
	or	
PHYS 111	College Physics	<u>4</u>
		16-17

Year 3 - Spring Semester

MATH 225	Statistical Methods	3
	or	
MATH 112	Algebra and Trigonometry	3
BIOL 340	Ecological Restoration	3
ENVR 350	Env Law and Regulation	3
ENVR 326	Env Research Methods II	2
AGEN 112	Surveying	2
	or	
FWLD 211	Wildlife Law Enf and PR	<u>2</u>
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Year 4 - Fall Semester

FWLD 350	Wetlands Delineation & Assess	3
ORHT 377	Integrated Pest Management	3
AGRN 324	Applied Hydrology	3
FWLD 450	Professional Experience	3
ENVR 415	Env Scientific Communication I	<u>2</u>
		14

Year 4 - Spring Semester

AGRN 425	Watershed Management	3
AGBU 440	Env Issues in Agriculture	3
BIOL 403	Conservation Biology	3
ENVR 416	Env Scientific Communication II	1
FWLD 451	Aquatic, Marine Resource Mgmt	3

Pick one:

BIOL 307	Invertebrate Zoology (Fall)	3
BIOL 316	Ornithology (Spring)	3
BIOL 317	Herpetology (Spring)	3
BIOL 318	Fish Biology (Fall)	3
BIOL 330	Mammology (Fall)	<u>3</u>
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