



FARQUHAR COLLEGE OF ARTS AND SCIENCES
DEGREE CURRICULUM SHEET | 2015 CATALOG
Bachelor of Science - Environmental Science/Studies



GENERAL EDUCATION REQUIREMENTS

Area/Course	Credits	Frequency
Written Composition		
<i>6 credits at or above COMP 1500</i>		
Open Written Communication	3	
Open Written Communication	3	
Mathematics		
<i>6 credits at or above MATH 1040</i>		
Open Math	3	
Open Math	3	
Arts & Humanities		
<i>6 credits in HIST, ARTS, PHIL, HUMN, LITR, THEA, FILM, MUSC, DANC, WRIT, foreign language</i>		
Open Arts & Humanities	3	
Open Arts & Humanities	3	
Social & Behavioral Sciences		
<i>6 credits in PSYC, SOCL, ANTH, ECN, COMM, GEOG, GEST, INST, POLS</i>		
<i>satisfied by Major</i>	3	
<i>satisfied by Major</i>	3	
Science		
<i>6 credits in BIOL, MBIO, CHEM, SCIE, ENVS, PHYS</i>		
<i>satisfied by Major</i>	3	
<i>satisfied by Major</i>	3	
Total General Education Credits	30	

OPEN ELECTIVES

take 9 elective courses	44-45
Total Open Electives Credits	44-45

Frequency Key: F-Every Fall; W-Every Winter; FO - Odd Year Fall; FE - Even Year Fall; WO - Odd Year Winter; WE - Even Year Winter

MAJOR

Course	Credits	Frequency
CHEM 1500 Introduction to Environmental Chemistry	3	F
CHEM 3150 Environmental Chemistry	3	FO
ENVS 1100 Environmental Science I	3	FW
ENVS 1200 Environmental Science II	3	FW
ENVS 2100 Environmental Science Laboratory	3	W
ENVS 3000 Environmental Geology/Lab	4	W
ENVS 3100 Environmental Issues	3	F
ENVS 3170 Everglades Ecology and Conservation	3	F
ENVS 4300 Industrial Ecology	3	W
ENVS 4950 Internship in Environmental Science and Study	3	W
GEOG 2050 Survey of Geography	3	FW
GEOG 2260 Geography of Natural Resources	3	F
GEOG 3010 Amazonian Cloud Forest Biogeography	3	WE
ENVS 1500 Natural History of South Florida	4	F
LGST 3350 Environmental Law and Policy	3	W
PHIL 3360 Environmental Ethics	3	W
Total Major Credits	43-44	

MAJOR ELECTIVES

Course	Credits	Frequency
<i>Select 15 credits from the following:</i>		
BIOL 1100 Concepts and Connections in Biology	3	FW
BIOL 1400 Introductory Cell Biology	3	FW
BIOL 3200 General Ecology/Lab	4	W
BIOL 3400 Microbiology/Lab	4	FW
CHEM 1300 General Chemistry I/Lab	4	FW
CHEM 1310 General Chemistry II/Lab	4	FW
CHEM 2200 Essentials of Organic Chemistry	4	W
ENVS 2000 Biodiversity of Alaskan Ecosystems	3	FO
ENVS 2001 Biodiversity of Alaskan Ecosystems Field Course	1	SE
ENVS 3101 Introduction to Public Health	3	F
ENVS 4990 Independent Study in Environmental Science/Study	1-3	W
GEOG 2075 Geographical Information Systems	3	F
GEOG 3000 Geography of Ecotourism	3	W
MBIO 2410 Marine Biology and Lab	4	F
SOCL 3600 Environmental Sociology	3	W
Total Major Elective Credits	15	

TOTAL CREDITS: 120



FARQUHAR COLLEGE OF ARTS AND SCIENCES
SAMPLE FOUR YEAR CURRICULUM | 2015 CATALOG
Bachelor of Science - Environmental Science/Studies



Freshman Year			
Fall		Winter	
<u>Course</u>	<u>Credits</u>	<u>Course</u>	<u>Credits</u>
Open Written Communication	3	Open Written Communication	3
Open Math	3	Open Math	3
ENVS 1100 Environmental Science I	3	ENVS 2100 Environmental Science Laboratory	3
ENVS 1200 Environmental Science II	3	Open Elective	3
Open Elective	3	Open Elective	3
Total Credits	15	Total Credits	15

Sophomore Year			
Fall		Winter	
<u>Course</u>	<u>Credits</u>	<u>Course</u>	<u>Credits</u>
Open Arts & Humanities	3	Open Arts & Humanities	3
CHEM 1500 Intro. to Environmental Chemistry <i>or</i>	3	GEOG 3010 Amazonian Cloud Forest Biogeograph.**	3
CHEM 3150 Environmental Chemistry*	3	PHIL 3360 Environmental Ethics	3
GEOG 2050 Survey of Geography	3	Open Elective	3
GEOG 2260 Geography of Natural Resources	3	Open Elective	3
Open Elective	2		
Total Credits	14	Total Credits	15

Junior Year			
Fall		Winter	
<u>Course</u>	<u>Credits</u>	<u>Course</u>	<u>Credits</u>
ENVS 3000 Environmental Geology/Lab	4	LGST 3350 Environmental Law and Policy	3
ENVS 3100 Environmental Issues	3	Major Elective	3
Major Elective	3	Major Elective	3
Open Elective	3	Open Elective	3
Open Elective	3	Open Elective	3
Total Credits	16	Total Credits	15

Senior Year			
Fall		Winter	
<u>Course</u>	<u>Credits</u>	<u>Course</u>	<u>Credits</u>
ENVS 3170 Everglades Ecology and Conservation	3	ENVS 4300 Industrial Ecology	3
Major Elective	4	ENVS 4950 Internship in Environ. Science and Study	3
Open Elective	3	Major Elective	3
Open Elective	3	Open Elective	3
Open Elective	3	Open Elective	3
Total Credits	15	Total Credits	15

TOTAL CREDITS: 120

*The prerequisites for CHEM 3150 are CHEM 2400 or CHEM 2200, which is a major elective.

**This sample plan shows the student selecting GEOG 3010 (offered Even Year Winter). Alternatively, the student could select ENVS 1500 (offered each Fall).

