



Bachelor of Science

Major: Ecology and Environmental Science

2022-2023 Sample 4-Year Plan

Total Degree Requirements: 120 credits

Student _____ Student ID# _____ Student Phone # _____

Advisor _____ Minimum GPA 2.0 Minor/Career Interest(s) _____

Students are not limited to this plan; it is meant to be used as a guide for planning purposes in consultation with your advisor. The sample schedule is one possible path to completing your degree within four years. For official program requirements, please refer to the [Undergraduate Catalog](#).

First Year

Fall

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
BIOL 151-151L	General Biology I and Lab (SGR #6)		4	F/S	
CHEM 106-106L or CHEM 112-112L	Chemistry Survey and Lab (SGR #6) or General Chemistry I and Lab (SGR #6)	p. MATH placement p. MATH 114 or higher	4	F/S	
ENGL 101	Composition I (SGR #1)	Placement	3	F/S	
MATH 114	College Algebra or higher (SGR #5)	p. Placement; or MATH 115, 121/L, or 123	3	F/S	
NRM 119	Orientation to Natural Resource Management		2	F	
Total Credit Hours			16		

Spring

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
BIOL 153-153L or BOT 201-201L	General Biology II and Lab (4 cr) or General Botany and Lab or (3 cr)	p. BIOL 101 or BIOL 151	3-4	S	
CHEM 108-108L or CHEM 114-114L	Organic and Biochemistry and Lab (5 cr) or General Chemistry II and Lab (4 cr)	p. CHEM 106 p. CHEM 112, MATH 114 or higher	5	F/S	
CMST 101	Fundamentals of Speech (SGR #2)		3	F/S	
EES 275	Introduction to Environmental Science		3	S	
Total Credit Hours			15		

Summer

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
NRM 230	Natural Resource Management Techniques	Week long summer course	2	SU	
Total Credit Hours			2		

Second Year

Fall

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
ENGL 201	Composition II (SGR #1)	p. ENGL 101	3	F/S	
NRM 276	Scientific Communications		1	F/S	
STAT 281 or NRM 282-282L	Introduction to Statistics or Natural Resource Statistics and Lab	p. MATH 114 or higher	3	F/S/SU(1)	
PS 213-213L	Soils and Lab	p. CHEM 106/L or CHEM 112/L	3	F	
SGR #3	Social Sciences/ Diversity (SGR #3)	Two disciplines	3	F/S	
SGR #4	Arts and Humanities/Diversity (SGR #4)	Two disciplines or a sequence of foreign language courses	3	F/S	
Total Credit Hours			16		

Spring

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
Major Elective	Select a minimum of 25 credits from Emphasis	See catalog and consult with Advisor	3		
NRM 300	Laws and Policies in Natural Resource Management		3	S	
PS 243	Principles of Geology	p. CHEM 106 or CHEM 112	3	F	
SGR #3	Social Sciences/ Diversity (SGR #3)	Two disciplines	3		
SGR #4	Arts and Humanities/Diversity (SGR #4)	Two disciplines or a sequence of foreign language courses	3		
Total Credit Hours			15		

Information Subject to Change. This is not a contract.

p. = Course Prerequisite I = Internet
Semester: F = Fall, S = Spring, SU = Summer



Third Year

Fall

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
GEOG 372-372L	Introduction to GIS and Lab		3	F/S/SU(I)	
NRM 311	Principles of Ecology	p. BIOL 151/L or BIOL 153/L; Cross-Listed: BIOL 311	3	F	
PHIL 383 or PHIL 454	Bioethics or Environmental Ethics (3cr)	Cross-Listed: BIOL 383 Cross-Listed: REL 454	4 or 3	S F	
PHYS 101-101L or PHYS 111-111L	Survey of Physics and Lab or Introduction to Physics I and Lab	p. MATH 114 or higher	4	F/S/SU (I)	
Total Credit Hours			14		

Spring

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
General Elective	Select from any discipline		4		
Major Elective	Select a minimum of 25 credits from Emphasis	See catalog and consult with Advisor	3		
Major Elective	Select a minimum of 25 credits from Emphasis	See catalog and consult with Advisor	3		
Major Elective	Select a minimum of 25 credits from Emphasis	See catalog and consult with Advisor	3		
Total Credit Hours			14		

Fourth Year

Fall

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
EES 425-425L	Disturbance & Restoration Ecology and Lab	p. NRM 311	3	F Even	
General Elective	Select from any discipline		4		
Major Elective	Select a minimum of 25 credits from Emphasis	See catalog and consult with Advisor	3		
Major Elective	Select a minimum of 25 credits from Emphasis	See catalog and consult with Advisor	3		
Major Elective	Select a minimum of 25 credits from Emphasis	See catalog and consult with Advisor	3		
Total Credit Hours			16		

Spring

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
ABS 475-475L	Integrated Natural Resource Management and Lab	p. Senior Standing	3	S	
NRM 464	Ecosystem Ecology	p. NRM 282/L or STAT 281; NRM 311	3	S Even	
Major Elective	Select a minimum of 25 credits from Emphasis	See catalog and consult with Advisor	3		
Major Elective	Select a minimum of 25 credits from Emphasis	See catalog and consult with Advisor	3		
Total Credit Hours			12		

Comments/Notes

Students from all academic majors can pursue graduation with Fishback Honors College distinction. View the [Honors program requirements](#).