



**Bachelor of Science in Agriculture, Food and Environmental Sciences**

**Major: Ecology and Environmental Science**

**2019-2020 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	
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		
MATH 114 or MATH 115 or MATH 121-121L or MATH 123	College Algebra (SGR #5) or Precalculus (SGR #5) or Survey of Calculus and Lab (SGR #5) or Calculus I (SGR #5)	Placement	3		
ENGL 101	Composition I (SGR #1)	Placement	3		
NRM 119	Orientation to Natural Resource Management		2	F	
<b>Total Credit Hours</b>			16		

**Spring**

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
BIOL 153-153L or BOT 201-201L or NRM 200-200L	General Biology II and Lab or General Botany and Lab or Animal Diversity and Lab	p. BIOL 101 or BIOL 151 p. BIOL 101 or BIOL 151	4	S	
CHEM 108-108L or CHEM 114-114L	Organic and Biochemistry and Lab General Chemistry II and Lab	p. CHEM 106 p. CHEM 112, MATH 114 or higher	5		
EES 275	Introduction to Environmental Science	p. CHEM 106 or CHEM 112	3	S	
SPCM 101	Fundamentals of Speech (SGR #2)		3		
<b>Total Credit Hours</b>			15		

**Summer**

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
NRM 230	Natural Resource Management Techniques	Week long summer course	3	SU	
<b>Total Credit Hours</b>			3		

**Second Year**

**Fall**

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
NRM 282-282L	Natural Resource Statistics and Lab	p. MATH 114 or higher	3	F	
PS 213-213L	Soils and Lab	p. CHEM 106/L or CHEM 112/L	3		
SGR #3	Social Sciences/ Diversity (SGR #3)		3		
SGR #4	Arts and Humanities/Diversity (SGR #4)		3		
ENGL 201	Composition II (SGR #1)	p. ENGL 101	3		
<b>Total Credit Hours</b>			15		

**Spring**

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

**Information Subject to Change. This is not a contract.**

p. = Course Prerequisite  
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		
NRM 311	Principles of Ecology	p. BIOL 151/L or BIOL 153/L; Cross-Listed: BIOL 311	3	F	
NRM 311L	Principles of Ecology Lab	Cross-Listed: BIOL 311L	1	F	
PHIL 383 or PHIL 454	Bioethics or Environmental Ethics	Cross-Listed: BIOL 383 Cross-Listed: REL 454	4		
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		
<b>Total Credit Hours</b>			15		

**Spring**

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
EES 491 or EES 494 or EES 496 or EES 498	Independent study or Internship or Field Experience or Undergraduate Research/Scholarship		1		
Major Elective	Select a minimum of 25 credits from Emphasis	Consult with Advisor	3		
Major Elective	Select a minimum of 25 credits from Emphasis	Consult with Advisor	3		
Major Elective	Select a minimum of 25 credits from Emphasis	Consult with Advisor	3		
General Elective	Select from any discipline		4		
<b>Total Credit Hours</b>			14		

**Fourth Year**

**Fall**

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
EES 425-425L	Disturbance & Restoration Ecology and Lab		3	F Even	
General Elective	Select from any discipline		3		
Major Elective	Select a minimum of 25 credits from Emphasis	Consult with Advisor	3		
Major Elective	Select a minimum of 25 credits from Emphasis	Consult with Advisor	3		
Major Elective	Select a minimum of 25 credits from Emphasis	Consult with Advisor	3		
<b>Total Credit Hours</b>			15		

**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 311/BIOL311	3	S Odd	
Major Elective	Select a minimum of 25 credits from Emphasis	Consult with Advisor	3		
Major Elective	Select a minimum of 25 credits from Emphasis	Consult with Advisor	3		
<b>Total Credit Hours</b>			12		

**Comments/Notes**

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