



**Bachelor of Science**

**Major: Wildlife and Fisheries Sciences**

**2023-2024 Sample 4-Year Plan**

**Total Degree Requirements: 120 credits**

Student \_\_\_\_\_ Student ID# \_\_\_\_\_ Student Phone # \_\_\_\_\_  
 Advisor \_\_\_\_\_ Minimum GPA 2.00 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(I)	
MATH 114	College Algebra (SGR #5)	p. MATH placement	3		
NRM 119	Orientation to Natural Resource Management		2	F	
SGR #3	Social Sciences/Diversity (SGR #3)	Two disciplines	3		
SGR #4	Arts and Humanities/Diversity (SGR #4)	Two disciplines except foreign language	3		
<b>Total Credit Hours</b>			15		

**Spring**

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
BOT 201-201L	General Botany and Lab (SGR #6)	p. BIOL 101-101L or 151-151L	3	S	
PHYS 101-101L or PHYS 111-111L	Survey of Physics and Lab (SGR #6) or Introduction to Physics I and Lab (SGR #6)	p. MATH 114 or higher	4	F/S F	
SGR #1	Written Communication (SGR #1)	p. Placement; ENGL 101 rec.	3		
SGR #3	Social Sciences/Diversity (SGR #3)	Two disciplines	3		
WL 220	Introduction to Wildlife and Fisheries Management	Section 01 for NRM majors	3	S	
<b>Total Credit Hours</b>			16		

**Second Year**

**Summer**

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
NRM 230	Natural Resource Management Techniques	1 week summer course in person	2	SU	
<b>Total Credit Hours</b>			2		

**Fall**

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
CHEM 106-106L or CHEM 112-112L	Chemistry Survey I and Lab (SGR #6) or General Chemistry I and Lab	p. MATH placement p. MATH 114 or higher	4	F/S F/S	
NRM 311	Principles of Ecology	p. BIOL 151 or 153	3	F	
SGR #2	Oral Communication (SGR #2)	CMST 101 recommended	3		
SGR #4	Arts and Humanities/Diversity (SGR #4)	Two disciplines except foreign language	3		
STAT 281	Introduction to Statistics	p. MATH 114 or higher	3	F/S/SU	
<b>Total Credit Hours</b>			16		

**Spring**

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
CHEM 108-108L or CHEM 326-326L	Organic and Biochemistry and Lab (5cr) or Organic Chemistry I and Lab (4cr)	p. CHEM 106 or CHEM 112 p. CHEM 114	4-5	F(I)/S F/S	
NRM 276	Scientific Communications		1	F/S	
Organismal Group	Select 3: WL 355-355L (S), WL 363-363L (S), WL 367-367L (F), or WL 434-434L (F)	p. BIOL 151	3	F/S	
General Elective	Select from any discipline		3		
SGR #1	Written Communication (SGR #1)	p. ENGL 101	3		
<b>Total Credit Hours</b>			14-15		



**Third Year**

**Fall**

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
Botany Requirement	Select one of the following: BOT 301/L (S), BOT 303/L(F), BOT 405/L(F), BOT/RANG 415/L, BOT/RANG 419/L (F even)	Check for prerequisites	3	F/S	
General Elective	Select from any discipline		3		
NRM 300 OR WL 420	Laws and Policies in Natural Resource Management OR Wildlife Law Enforcement	p. NRM 230, STAT 281 or NRM 282, NRM 311	3	S F	
Organismal Group	Select 3: WL 355-355L (S), WL 363-363L (S), WL 367-367L (F), or WL 434-434L (F)	p. BIOL 151	3	F/S	
WL 411-411L	Principles of Wildlife Management and Lab	p. NRM 230; STAT 281 or NRM 282; NRM 311	3	F	
<b>Total Credit Hours</b>			15		

**Spring**

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
Advanced Group Elective	Select 1 course from the WFS advanced electives list	See catalog and consult with advisor	3	F/S	
CHEM 328-328L or PS 213-213L or PS 243	Organic Chemistry II and Lab (4 cr) or Soils and Lab (recommended) (3 cr) or Principles of Geology (3 cr)	p. CHEM 326 p. CHEM 106/L or 112/L p. CHEM 106/L or 112/L	3-4	F/S F/S F	
General Elective	Select from any discipline		3		
Organismal Group	Select 3: WL 355-355L (S), WL 363-363L (S), WL 367-367L (F), or WL 434-434L (F)	p. BIOL 151	3	F/S	
WL 412-412L	Principles of Fisheries Management and Lab	p. NRM 230; STAT 281 or NRM 282; NRM 311	3	S	
<b>Total Credit Hours</b>			15-16		

**Fourth Year**

**Fall**

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
Advanced Group Elective	Select 1 course from the WFS advanced electives list	See catalog and consult with advisor	3	F/S	
ENGL 379 or CMST 215	Technical Communication or Public Speaking	p. ENGL 201, ENGL 277, ENGL 283 or ENGL 284	3	F/S F/S	
General Elective	Select from any discipline		6		
<b>Total Credit Hours</b>			12		

**Spring**

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
Advanced Group Elective	Select 1 course from the WFS advanced electives list	See catalog and consult with advisor	3	F/S	
BIOL 371 or AS 332	Genetics (3 cr) or Livestock Breeding and Genetics (4 cr)	p. BIOL 101 or 151 p. AS 101 or 102, or DS 130; BIOL 101 or 151	3-4	F(I)/S F/S	
General Elective	Select from any discipline to reach 120 credits		6		
WL 430	Human Dimensions in Natural Resource Management	NRM 230, NRM 282 or STAT 281, and NRM 311	3	S	
<b>Total Credit Hours</b>			15		

**Comments/Notes**

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