

## Bachelor of Science in Wildlife Ecology

Name: \_\_\_\_\_

Campus Phone: \_\_\_\_\_

Faculty Advisor: \_\_\_\_\_

Semester/Year Entered: \_\_\_\_\_

**Note:** Certification Requirements: After graduation the Wildlife Society certifies students who submit applications. The curriculum described herein will meet the basic requirements for certification.

**Note:** Minors: If a student is interested in pursuing a minor, they should begin planning and speaking to their advisor during the sophomore year.

### Freshman

<u>Req. #</u>	<u>Semester I (Fall)</u>		<u>Credit</u>	<u>Year Completed</u>
1.	NR	400	Professional Perspectives in Natural Resources (not required of transfer students)	1 _____
2.	NR	401	Introduction to Natural Resources	4 _____
3.	NR	433	Wildlife Ecology	4 _____
4.	BIOL	411	Principles of Biology I	4 _____
5.	NR	425	Field Dendrology	4 _____

Comments: \_\_\_\_\_

<u>Req. #</u>	<u>Semester II (Spring)</u>		<u>Credit</u>	<u>Year Completed</u>
6.	BIOL	412	Principles of Biology II	4 _____
7.	ENGL	401	First-Year Writing	4 _____
8.	MATH	420	Finite Mathematics	4 _____
<b>OR</b>				
8.	MATH	424B	Calculus for Life Sciences	4 _____
			Elective *(physical science/Discovery Course)	4 _____

Comments: \_\_\_\_\_

\* Wildlife certification requires two disciplines of physical science (chemistry is one). See back page for suggested course list.

#### STUDY ABROAD

Students interested in studying abroad should begin to investigate programs early in the sophomore year. See Dr. Pekins for advice/direction and visit the Study Abroad office in Hood House.

## Sophomore

<u>Req. #</u>	<u>Semester I (Fall)</u>			<u>Credit</u>	<u>Year Completed</u>
9.	CHEM	403	General Chemistry	4	_____
10.	BIOL	528	Applied Biostatistics I	4	_____
11.	NR	527	Forest Ecology	4	_____
			<b>OR</b>		
11.	BIOL	541	General Ecology	4	_____
12.	ENGL	502	Technical Writing	4	_____
			<b>OR</b>		
12.	ENGL	503	Persuasive Writing	4	_____
			<b>OR</b>		
12.	ENGL	501	Intro to Prose Writing	4	_____
			<b>OR</b>		
			Elective		_____

Comments: \_\_\_\_\_

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<u>Req. #</u>	<u>Semester II (Spring)</u>			<u>Credit</u>	<u>Year Completed</u>
13.	NR	655	Vertebrate Biology (Alt odd years)	4	_____
14.	EREC	411	Environmental and Resource Economics Perspectives	4	_____
15.	CHEM	404	General Chemistry	4	_____
16.	NR	658	Introduction to GIS	4	_____
17.	ZOOL	542/712	Ornithology or Mammalogy	4	_____
			<b>OR</b>		
			Elective		_____

Comments: \_\_\_\_\_

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## Junior

<u>Req. #</u>	<u>Semester I (Fall)</u>			<u>Credit</u>	<u>Year Completed</u>
18.	NR	615	Wildlife Habitats	4	_____
19.	ZOOL	625	Principles of Animal Physiology	3	_____
20.	ZOOL	690	Evolution	4	_____
			<b>OR</b>		
	ZOOL	665	Conservation Genetics	4	_____
17.	ZOOL	710	Ichthyology	4	_____
			<b>OR</b>		
	ZOOL	713	Animal Behavior	4	_____
			<b>OR</b>		
	ZOOL	733	Behavioral Ecology	4	_____

Comments: \_\_\_\_\_

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<u>Req. #</u>	<u>Semester II (Spring)</u>				
13.	NR	655	Vertebrate Biology (Alt odd years)	4	_____
21.	NR	737	Wildlife Population Dynamics	4	_____
22.	NR	602	Natural Resources and Environmental Policy	4	_____
14.	EREC	411	Environmental and Resource Economics Perspectives	4	_____
17.	ZOOL	542/712	Ornithology or Mammalogy	4	_____
			<b>OR</b>		
			Elective		_____

Comments: \_\_\_\_\_

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## Senior

<u>Req. #</u>	<u>Semester I (Fall)</u>			<u>Credit</u>	<u>Year Completed</u>
23.	NR	729	Silviculture <b>OR</b> Equivalent (NR 711 <b>OR</b> PBIO 717)	4 4	_____ _____
24.	NR	636	Wildlife Techniques	4	_____
17.	ZOOL	710	Ichthyology	4	_____
	ZOOL	713	<b>OR</b> Animal Behavior	4	_____
	ZOOL	733	<b>OR</b> Behavioral Ecology	4	_____

Comments: \_\_\_\_\_  
\_\_\_\_\_

### Req. #   Semester II (Spring)

26.	NR	738	Wildlife Policy and Management	4	_____
			Elective		_____
			Elective		_____

Comments: \_\_\_\_\_  
\_\_\_\_\_

## ELECTIVES/GEN ED

In addition to the previously listed required courses, certain elective courses are used to satisfy the following **major and general education requirements.**

I. **Wildlife Ecology Major Requirements:** (Other pertinent courses within these three categories may be substituted with permission of advisor.)

<u>Req. #</u>	<u>A. Communication Skills: (Choose 1)</u>	<u>Year Completed</u>
27.	CMN 600 Public Speaking as a Civic Art ENGL 502 Technical Writing * ENGL 503 Persuasive Writing * Do not double count with sophomore writing course. (REQ #12)	_____ _____ _____

<u>Req. #</u>	<u>B. Physical Sciences: (Choose 1)</u>	<u>Year Completed</u>
28.	NR 504 Freshwater Resources NR 716 Wetland Delineation NR 501 Introduction to Soil Sciences PHYS 401 Intro. to Physics ESCI 401 Principles of Geology ESCI 405 Global Environmental Change ESCI 409 Environmental Geology ESCI 501 Intro. to Oceanography NR 757 Photo Interp and Photogrammetry	_____ _____ _____ _____ _____ _____ _____ _____

<u>II. University General Education Requirements:</u>	<u>Year Completed</u>
1. <u>Writing skills</u> (1 course required) Met with ENGL 401	_____
2. <u>Quantitative reasoning</u> (1 course required) Met with MATH 420 or MATH 424B	_____
3. <u>Biological Science, Physical Science and Technology</u> Met with NR 433, BIOL 411, CHEM 403	_____
4. Historical perspective - (1 course)	_____
5. Foreign Culture ** - (1 course)	_____
6. Fine Arts - (1 course)	_____
7. Social Science - (1 course) <b>Met with EREC 411 in Sophomore year</b>	_____
8. Works of Literature Philosophy and Ideas - (1 course)	_____

\*\*Study abroad for 1 semester fulfills the foreign culture requirements.