Bachelor of Science (B.S.) in Animal Science – Wildlife Management Option

Curriculum Map

Required Coursework – 120 hrs.

General Education Requirements (40 hours)

	Sem	Grade
English Composition – 9 hours		
____ ENGL 1113 Freshman English I		
____ ENGL 1213 Freshman English II		
____ Communications Elective _____		
Mathematics – 3 hours		
____ MATH 1523 Modeling and Basic Statistics		
Natural Science – 9* hours		
____ BIOL 1304 Principles of Biology I		
____ CHEM 1135 General Chemistry I		
U.S. History and Government – 6 hours		
____ HIST 1313 or HIST 1323 US History		
____ POLS 1013 American Government		
Social Science – 6 hours		
____ ECON 2343 Agriculture Economics (Suggested)		
____ Social Science e.g., PSYC 1113, SOC 1013		
Humanities – 6 hours		
____ HUM		
____ HUM		
Student Success – 1 hour		
____ UCSS 1111 Student Success Seminar		
Liberal Arts and Science Electives – 1 hour*		
____ Additional CHEM 1135 hour will count		

Major Requirements (80 hours)

Major Core – 33 hours		
____ AGRN 1213 Intro to Plant Science		
____ AGRN 2111 Plant and Seed Identification		
____ AGRN 2124 Fundamentals of Soil Science		
____ AGRN 3213 Pasture and Forage Crops		
____ AGRN 3924 Range Management		
____ AGRN 4413 Natural Resource Conservation		
____ ANSI 1124 Introduction to Animal Science		
____ ANSI 3743 Animal Diseases		
____ ANSI 4333 Livestock Breeding & Improvement		
____ ANSI 4433 Animal Reproduction		
____ ANSI 4862 Animal Science Seminar		
Chemistry – 10 hours		
____ CHEM 1135 General Chemistry I (**Gen Ed)		
____ CHEM 3315 Organic Chemistry I		
Biology – 16 hours		
____ BIOL 1304 Principles of Biology I (**Gen Ed)		
____ BIOL 1404 Botany		
____ BIOL 3054 Entomology		
____ BIOL 3704 Ecology		
Wildlife – 15 hours		
____ WILD 1012 Intro to Natural Ecology and Mgmt.		
____ WILD 1014 Introduction to Natural History		
____ WILD 2013 Ecology and Natural Resources		
____ WILD 3013 Applied Ecology and Conservation		
____ WILD 4503 Principles of Wildlife Ecol. & Mgmt.		
Additional Courses – 6 hours Choose from AGRN, ANSI, AG, BIOL, CHEM		
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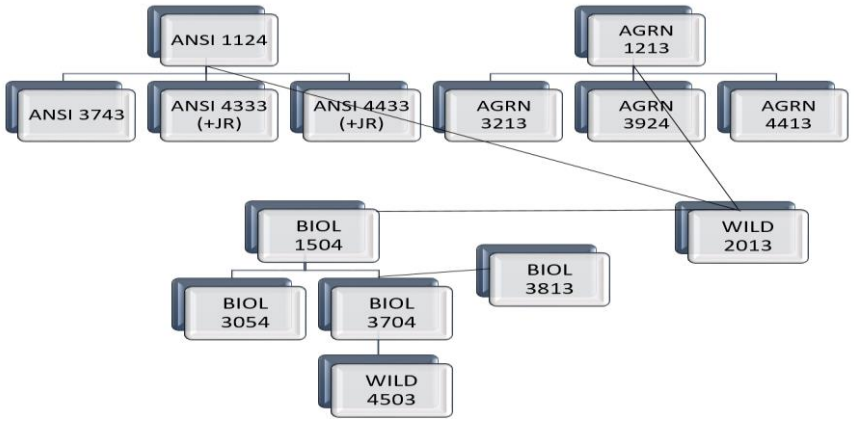
Electives – Sufficient to bring upper level hours to 40 and total credit hours to 120

Recommended Plan of Study

First Semester – 14 hours	Second Semester – 15 hours
ENGL 1113 Freshman English I	ENGL 1213 Freshman English II
MATH 1523 Modeling and Basic Statistics	Communications Elective – COMM 1113 Suggested
ANSI 1124 Introduction to Animal Science	HIST 1313 or HIST 1323 US History
AGRN 1213 Intro to Plant Science (Suggested)	WILD 1012 Intro to Natural Ecology and Mgmt.
UCSS 1111 Student Success Seminar	WILD 1014 Introduction to Natural History
Third Semester – 16 hours	**Fourth Semester – 16 hours**
BIOL 1304 Principles of Biology I	Social Science e.g., PSYC 1113, SOC 1013
CHEM 1135 General Chemistry I	AGRN 2124 Fundamentals of Soil Science
POLS 1013 American Government	ECON 2343 Agriculture Economics
AGRN 2111 Plant and Seed Identification	BIOL 1404 Botany
Humanities – 3 hours	WILD 2013 Ecology and Natural Resources
Fifth Semester – 15 hours	**Sixth Semester – 13 hours**
BIOL 3054 Entomology	AGRN 3213 Pasture and Forage Crops
CHEM 3315 – Organic Chemistry I	Humanities – 3 hours
ANSI 3743 Animal Diseases	BIOL 3704 Ecology
AGRN 3924 Range Management	WILD 3013 Applied Ecology and Conservation
	Controlled Elective – 3 hours
Seventh Semester – 15 hours	**Eighth Semester – 16 hours**
ANSI 4433 Animal Reproduction	WILD 4503 Principles of Wildlife Ecol. & Mgmt.
AGRN 4413 Natural Resource Conservation	ANSI 4333 Livestock Breeding and Improvement
Controlled Electives – 9 hours	ANSI 4862 Animal Science Seminar
	Controlled Electives – 8 hours

This is a sample course sequence timeline only. This does not represent a contract, nor does it guarantee course availability. A student may require more than eight semesters to complete the degree.

Course sequences to be followed:



Notes to Advisees:

- No more than 12 semester hrs. may be used for both general educ. and major requirements.
- All courses toward the Animal Science major must have a grade of C or better.
- Overall GPA of 2.0 is required for graduation.
- **Minor Requirements** Upon completion of the major, the student will have sufficient courses for a minor in Natural Science. Hours designated toward the minor are included in the 120 hours required for the major.

Course Rotation:

Fall only courses:

- AGRN 1213 Intro to Plant Science
- AGRN 2111 Plant and Seed Identification
- AGRN 3924 Range Management
- AGRN 4413 Natural Resource Conservation
- ANSI 1124 Intro to Animal Science
- ANSI 4433 Animal Reproduction
- BIOL 3054 Entomology (even years)
- CHEM 3315 Organic Chemistry I

Spring only courses:

- AGRN 2124 Soil Science
- AGRN 3213 Pasture and Forage Crops
- ANSI 4333 Livestock Breeding and Improvement
- ANSI 4862 Animal Science Seminar
- BIOL 3704 Ecology

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