



Eastern New Mexico University  
College of Liberal Arts & Sciences  
2019-2021 Catalog

Date:	Major:	Wildlife and Fisheries Sciences
Name:	Minor:	Optional
ID#:	Degree:	Bachelor of Science

This degree plan is a guideline only. Consult with an adviser before enrolling in courses. For more detailed information on coursework and degree requirements, refer to the catalog and consult with an adviser.

Note: The B.S. degree requires a minimum of 40 hours of upper-division courses. Developmental and vocational/technical courses will not be counted toward graduation requirements. Any courses used for both WFS major requirements and General Education requirements must be passed with a grade of "C" or higher.

BACHELOR'S DEGREE REQUIREMENTS (6 hours)	Course	Credits	Semester	Grade
FYEX 110 First-Year Seminar	_____	3	_____	_____
Diversity/Global Upper-Division	_____	3	_____	_____

**GENERAL EDUCATION Requirements (31-33 hours)**

REQUIREMENTS IN Biology Core (52 hours)	Course	Credits	Semester	Grade
BIOL 1650/L Wildlife Biology	_____	4	_____	_____
BIOL 154/L General Biology I: Subcellular through Organismic Biology	_____	4	_____	_____
BIOL 2110/L Principles of Biology: Cellular and Molecular Biology	_____	4	_____	_____
BIOL 2630/L General Ecology	_____	4	_____	_____
BIOL 304/L Genetics	_____	4	_____	_____
BIOL 404 Fisheries Management and Conservation	_____	3	_____	_____
BIOL 405 Wildlife Management and Conservation	_____	3	_____	_____
BIOL 410/L Plant Systematics	_____	4	_____	_____
BIOL 417 Environment, Resources and Policy	_____	3	_____	_____
BIOL 430 Limnology	_____	3	_____	_____
BIOL 436/L Ichthyology	_____	4	_____	_____
BIOL 460 Landscape Ecology and GIS	_____	3	_____	_____
BIOL 492 Undergraduate Seminar & Assessment	_____	1	_____	_____
<b>1 of the following vertebrate animal courses:</b>				
BIOL 411/L Herpetology	_____	4	_____	_____
*BIOL 431/L Mammalogy	_____	4	_____	_____
BIOL 442/L Ornithology	_____	4	_____	_____

\*Note: Students seeking certification by The Wildlife Society will require BIOL 431/L Mammalogy.

**Select 1 of the following specialty courses (4 hours):**

BIOL 300/L Invertebrate Zoology	_____	4	_____	_____
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BIOL 301/L General Entomology	_____	4	_____	_____
BIOL 307/L Vertebrate Zoology	_____	4	_____	_____
BIOL 420/L Plant Structure and Function	_____	4	_____	_____

<b>REQUIREMENTS IN Other Areas (26 hours)</b>	<b>Course</b>	<b>Credits</b>	<b>Semester</b>	<b>Grade</b>
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**Note: Students wishing to pursue a graduate degree should take at least one general chemistry and one general physics course. Courses must be selected from at least 2 areas.**

**A. PHYSICAL SCIENCES (15 hours)**

**Agriculture**

SOIL 2110 Intro to Soil Science	_____	3	_____	_____
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**Geology**

GEOL 1115/L Earth Resources	_____	4	_____	_____
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GEOL 1110/L Physical Geology	_____	4	_____	_____
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**Chemistry**

CHEM 1215/L General Chemistry I for STEM Majors	_____	4	_____	_____
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CHEM 1225/L General Chemistry II for STEM Majors	_____	4	_____	_____
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CHEM 341/L Organic Chemistry I	_____	4	_____	_____
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CHEM 342/L Organic Chemistry II	_____	4	_____	_____
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**Physics**

ASTR 1115/L Intro to Astronomy	_____	4	_____	_____
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PHYS 1230/L Algebra-based Physics I	_____	4	_____	_____
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PHYS 1240/L Algebra-based Physics II	_____	4	_____	_____
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**B. QUANTITATIVE SCIENCES (11 hours)**

*MATH 1220 College Algebra	_____	4	_____	_____
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*MATH 1350 Intro to Statistics	_____	4	_____	_____
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**Select 1 of the following (3 hours)**

*MATH 1430 Applications of Calculus	_____	3	_____	_____
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STAT 313 Statistical Methods II	_____	3	_____	_____
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\*May fulfill a General Education Requirement.

**ELECTIVES As needed to fulfill requirement of 120 total credit hours.**