# 2015-2016 Degree Map-Bachelor of Science in Fisheries and Wildlife Science -- Page 1 of 2

This map is a term-by-term sample course schedule. The milestones listed to the right of each term are designed to keep you on course to graduate in four years. The Sample Schedule serves as a general guideline to help you build a full schedule each term. See course descriptions and prerequisites at [http://www.atu.edu/academics/catalog/](http://www.atu.edu/academics/catalog/).

**Sample Schedule**

<table>
<thead>
<tr>
<th>Semester 1</th>
<th>Hrs.</th>
<th>Grade</th>
<th>Sem 1 Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1013: Comp I (ACTS=ENGL 1013)</td>
<td>3</td>
<td>#</td>
<td></td>
</tr>
<tr>
<td>Social Science: SOC or PSY recommended</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATH 1113: College Algebra (ACTS=MATH 1103)</td>
<td>3</td>
<td>#</td>
<td>Milestone</td>
</tr>
<tr>
<td>FW1001: Orientation to Fisheries and Wildlife Science</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIOL1114: Principles of Biology (ACTS=BIOL 1014)</td>
<td>4</td>
<td></td>
<td>Milestone</td>
</tr>
<tr>
<td><strong>Total hours</strong></td>
<td>14</td>
<td>GPA</td>
<td></td>
</tr>
</tbody>
</table>

**Semester 2**

<table>
<thead>
<tr>
<th>Hrs.</th>
<th>Semester 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1023: Comp II (ACTS= ENGL 1023)</td>
<td>3</td>
</tr>
<tr>
<td>U.S. History &amp; Government</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 1113 &amp; 1111 (ACTS=CHEM 1124) or CHEM 2124/2120</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 2124: Principles of Zoology (ACTS= BIOL 1054)</td>
<td>4</td>
</tr>
<tr>
<td><strong>Total hours</strong></td>
<td>14</td>
</tr>
</tbody>
</table>

**Semester 3**

<table>
<thead>
<tr>
<th>Hrs.</th>
<th>Semester 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Speech</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 2134: Principles of Botany (ACTS= BIOL 1034)</td>
<td>4</td>
</tr>
<tr>
<td>CHEM2204 or 3254: Organic Physiq. Chem. or Org. Chem.</td>
<td>4</td>
</tr>
<tr>
<td>Statistics or FW3084: Ichthyology or FW3154: Mammalogy</td>
<td>3-4</td>
</tr>
<tr>
<td><strong>Total hours</strong></td>
<td>14-15</td>
</tr>
</tbody>
</table>

**Semester 4**

<table>
<thead>
<tr>
<th>Hrs.</th>
<th>Semester 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>FW2013: Natural Resources Communications</td>
<td>3</td>
</tr>
<tr>
<td>Statistics or FW 3144: Ornithology</td>
<td>3-4</td>
</tr>
<tr>
<td>ECON 2003: Principles of Economics I (ACTS=ECON2103)</td>
<td>3</td>
</tr>
<tr>
<td>FW3114: Principles of Ecology</td>
<td>4</td>
</tr>
<tr>
<td>FW/GEOG2833: Intro. to Geographic Information Systems</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total hours</strong></td>
<td>16-17</td>
</tr>
</tbody>
</table>

**Milestones/Notes**

- **FW ADVISOR ASSIGNED**
- **Milestone**
- **#** indicates a "C" or better is required
- **Guide to this Academic Degree Map**

This Degree Map consists of two pages. The required courses are listed on the left side of the page. Explanations and guidance on how courses should be selected are listed on the right side of the map alongside the corresponding semester.

**Course requirements for the junior-senior years are listed on page 2.**

**Guidelines for course choices:**

- **Note 1:** Students must decide prior to their Sophomore year whether they are interested in Ichthyology (Fish), Mammalogy (Mammals), or Ornithology (Birds) and complete the corresponding course.
  - This decision should be made in consultation with your academic advisor and FW faculty.

**Guidelines for course choices for Sophomore year:**

- **Semester 3:**
  - If primary interest is **Fisheries**, select FW3084: Ichthyology (offered Fall only) or
  - if primary interest is **Wildlife/Mammals**, select FW 3154: Mammalogy (offered Fall only) or
  - If primary interest is **Wildlife/Birds**, must take Statistics in fall semester.
  - and in spring semester, take FW 3144, Ornithology (offered spring only).

- **Semester 4:**
  - If primary interest is **Fisheries**, select FW3084: Ichthyology (offered Fall only) or
  - if primary interest is **Wildlife/Mammals**, select FW 3154: Mammalogy (offered Fall only) or
  - If primary interest is **Wildlife/Birds**, must take Statistics in fall semester.
  - and in spring semester, take FW 3144, Ornithology (offered spring only).

**General Electives:** 9-11 hours (1000-4000 level) depending on courses chosen from above lists.

# indicates a "C" or better is required

**Fine Arts and Humanities**

- ART 2132: Experiencing Art (ACTS=ARTA1003)
- MUS 2003: Introduction to Music (ACTS=MUSC1003)
- TH 2273: Introduction to Theatre (ACTS=DRAM 1003)
- ENGL 2173: Introduction to Film
- JOUR 2173: Introduction to Film

**Speech Courses**

- SPH 1003: Intro. to Speech Comm. (ACTS=SPECH1003)
- SPH 2173: Business and Professional Speaking

**U.S. History & Government**

- HIST 1903: Survey of American History
- HIST 2003: United States History to 1877 (ACTS=HIST2113)
- HIST 2013: United States History since 1877 (ACTS=HIST2123)
- HIST 3003: U.S. History to 1877 (ACTS=HIST3123)
- HIST 3103: U.S. History since 1877 (ACTS=HIST3123)
- HIST 1903: Survey of American History

**ECON 2003 Principles of Economics I (ACTS=ECON2103)**

**GEOG 2003 Principles of Economics II (ACTS=ECON2203)**

**SOCI 2003 Introductory Sociology (ACTS=SOC2013)**

**PSY 2003 General Psychology (ACTS=PSYC1303)**

**ANTH 1213 Intro. to Anthropology (ACTS=ANTH1013)**

**ANTH 2013 Cultural Anthropology (ACTS=ANTH2013)**

**GEOG 2013 Regional Geography of the World (ACTS=GEOG2103)**

**AMST 2003 American Studies**

**Social Sciences**

- HIST 1503 World Civilization to 1500 (ACTS=HIST1113)
- HIST 1513 World Civilization since 1500 (ACTS=HIST1123)
- HIST 1543: Honors World Civilization to 1500
- HIST 2003 U.S. History to 1877 (ACTS=HIST2123)
- HIST 3103 U.S. History since 1877 (ACTS=HIST3123)
- HIST 1903 Survey of American History
- ECON 2003 Principles of Economics I (ACTS=ECON2103)
- ECON 2103 Principles of Economics II (ACTS=ECON2203)

**Remedial Courses (if applicable):**

- ENGL 0303____
- ENGL 0404____
- READ 0103____
- MATH 0903____

**Statistics may be chosen from PSY, SOC, MATH, or BUAD**

The Arkansas Course Transfer System (ACTS) is designed to assist in planning the academic progress of students. This system contains information about the transferability of courses within Arkansas public colleges and universities. The Arkansas Course Transfer System can be accessed at [http://acts.adhe.edu/](http://acts.adhe.edu/).
This is the second page of the 2015-2016 Degree Map for Bachelor of Science in Fisheries and Wildlife Science. It outlines the academic progress of students over eight semesters, with a focus on core courses and guidance on elective choices.

### Guidelines for Course Choices

#### Semester 5:
- Note 3: If student is a wildlife student, select BIOL 4044: Dendrology (Fall only) or elective
- Note 4: If student is a wildlife student, select either FW4014: Forest Ecology or FW4064: Wetlands

#### Semester 6:
- Note 5: If student is a fisheries student, select FW4024: Limnology (Spring only)
- Note 6: If student is a wildlife student, select BIOL 3004: Plant Taxonomy (Spring only) or elective

#### Semester 7:
- Students must take Dendrology or Plant Taxonomy in their Junior Year

#### Semester 8:
- Consult FW advisor to make decisions on courses

### Guidelines for Elective Choices


2. Wildlife students select one and Fisheries students select two courses from the physical science group (intro. course excluded): Any physics course, AGSS 2014: Soils, GEOG 1014: Physical Geology or GEOG 3083: Hydrology.

3. Students select three 3000-4000 level General Electives from fisheries and wildlife courses.

### General Electives: 9-11 hours (1000-4000 level) depending on courses chosen from above lists.

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Possible careers include: Soil and Water Conservationist, Range Manager, Park Naturalist, Forestry and Conservation Science Teacher, Fish and Game Warden, Zoologist and Wildlife Biologist, Conservation Scientist, Wildlife Control Agent.