## WILDLIFE & FISHERIES MAJOR

### 1. Core Curriculum (36 hours)
- **BIOL 149** General Biology I (4) __
- **BIOL 150** General Biology II (4) __
- **BIOL 200** Scientific Inv. & Comm. (3) __
- **BIOL 340** General Ecology (4) __
- **BIOL 350** Genetics (S) (3) __
- **BIOL 492** W-F Seminar (Capstone) (1) __
- **CHEM 201** General Chemistry I (4) __
- **CMST 102/112** Intro to Human Com. (3) __
- **ENGL 338 or 339** Tech. or Sci. Writ. (3) __
- **GEOG 103/113** Physical Geography (4) __
- **MATH 209/219** Elem. Prob. & Stat. (3) __

### 2. Wildlife Core Requirements (23-24 Hrs.)
- **Wildlife Management**
  - **BIOL 450** Ecology & Mngt. (F) (3) __
- **Wildlife Techniques**
  - **BIOL 230** Wildlife Techniques (F) (3) __
- **Wildlife Biology, take two of the following**
  - **BIOL 406** Ornithology (S) (3-4) __
  - **BIOL 422** Herpetology (S) (3) __
  - **BIOL 423** Mammalogy (F) (3) __
- **Anatomy & Physiology, take one of following**
  - **BIOL 302** Animal Physiology (4) __
  - **BIOL 427** Comparative Anatomy __
- **Botany, take one of the following**
  - **BIOL 305** Dendrology (F) (3) __
  - **BIOL 314** Plant Taxonomy (S) __
- **Policy, Admin. & Law, take one of following**
  - **BIOL 425** Forest Ecology & Cons. (F) __
  - **GEOG 472** Environmental Planning (S) (3) __
  - **GEOG 473** Environmental Law (F) __

### 3. PROFESSIONAL WILDLIFE TRACK REQ.:
1. Core Curriculum (36 hrs-.see above)
2. Wildlife Core Req. (23-24 hrs-.see above)
3. Prof. Cert. Core Req. (16-17 hours)

#### Quantitative Sciences:
- **BIOL 414** Quant. Anal. Of Vert Pop. (S) (3) __
- **MATH 220 or 236** Calc. Appl. or Calc. I (3-4) __
- **CHEM 202** General Chemistry II (4) __

#### Botany, one additional course from:
- **BIOL 303** Plant Physiology (S) __
- **BIOL 305** Dendrology (F) (3-4) __
- **BIOL 312** Morph. of Vasc. Plants (S) __
- **BIOL 314** Plant Taxonomy (S) __

#### Policy, Admin. & Law one additional course from:
- **BIOL 425** Forest Ecology & Cons. (F) __
- **GEOG 472** Environmental Planning (S) (3) __
- **GEOG 473** Environmental Law (F) __

### 4. GENERAL WILDLIFE TRACK REQ.:
1. Core Curriculum (36 hrs-.see above)
2. Wildlife Core Req. (23-24 hrs-.see above)
3. Gen. Wildlife Track Req. (9-11 hrs.)

Math 102, 120 or any Math above 219 (3) __

**Plus two additional courses from:**
- **BIOL 302, 309 (FO), 334 (SO), 406 (S), 411(S), 412 (FE), 417 (F), 422 (S), 423 (F), 426 (S), or 427 (3-4) (3-4) __

## CORE SKILLS: (MINIMUM OF 9 HRS.)

“C” or Better Required

1. Intro Composition (3 Hrs.)
   - ENGL.101/111 Fresh Comp. (3) __
2. Advanced Writing: (3 Hrs.) (Met by major requirements)
3. Mathematics (Met by major requirements)

## MODES OF INQUIRY (31-32 Hrs.)

### A. Fine & Performing Arts (3 Hrs.)
- ART 100/111 or ART 110 __
- DANC 110 __
- MUSC 110 or MUSC 117 __
- THEA 106 or THEA 107 __

### B. Humanities – Two of following (6 Hrs.)
- HIST 100/111 __
- FREN 250 or SPAN 250 (3) __
- ENGL 150/250 or 221 __
- PHIL 101/111 or PHIL 102 (3) __

### C. Natural Sciences – At least two of following (7-8 Hrs.)
- BIOL 149 (Met by Major requirements) __
- CHEM 201 (Met by Major requirements) __
- GEOG 103 (Met by Major requirements and may use to satisfy part of E below) __
- BIOL 414 (Met by Major requirements) __
- CHEM 201 (Met by Major requirements) __
- GEOG 103 (Met by Major requirements and may use to satisfy part of E below) __

### D. Social Sciences – Two of the following (6 Hrs.)
- ECON 200 or 201/211 __
- GEOG 104/114 or GEOG 110 (3) __
- POSC 110/112 or 113/114 or 131 __
- PSYC 150/151 __
- SOCI 100/111 __

### E. FSU Colloquia: Two courses (3-4 Hrs. each) 6 Hours
- IDIS 150/151 OR IDIS/SUST 155–prior to attaining 45 Cr. Hrs. (required) (3) __
- AND select one course from:
  - IDIS 350/351—after attaining 45 Cr. Hrs. OR One additional Modes of Inquiry course* from Groups A-D above. (Met by Major Requirements see “C” above.)

### F. Identity & Difference – One of the following (3 Hrs.)
- AAST 200 or 400 __
- GEOG 104/114, 110, or 427 HIST 100/111, HIST 418, or 436 __
- HLTH 125 __
- MDFL 111 or 301 __
- MUSC 117 or 250 __
- PHIL 308, 311, or 409 __
- PSYC 220 or 325 __
- SOCI 224 or SOCI 305/SOWK 305 WMST 201 __

## 5. PROFESSIONAL FISHERIES TRACK

1. Core Curriculum (36 hrs. – listed above)
2. Professional Fisheries Track Req. (22 hrs.)

- **CHEM 202** General Chem II (4) __
- **BIOL 417** Ichthyology (F) (3) __
- **BIOL 420** Fish Mngt. & Culture (S) (3) __
- **BIOL 430** Introductory Limnology (F) (4) __
- **CHEM 420** Env. Chemical Analysis(SE) (4) __
- **GEOG 430** Surface Water Hydrology (S) (4) __
Undergraduate Degree Requirements Bachelor of Science Degree

Candidates for the Bachelor of Science degree must meet all of the following requirements:

1. Completion of at least 120 semester hours of college credit.
2. Completion of the General Education Program.
3. Completion of all course work taken at FSU with a cumulative GPA of at least 2.0.
4. Completion of a major with a cumulative grade point average of at least 2.0 in all courses taken in the major department (unless specifically excluded). Interdisciplinary majors count all courses specifically listed as meeting the requirements of the major to determine the major GPA.
5. Completion at Frostburg State University, through course work or special departmental exams, of at least one-half the credit hours required in the student’s major department (unless specifically excluded or specified differently in the catalog description of the major). Interdisciplinary majors count all hours earned in courses specifically listed as meeting the requirements of the major.
6. Completion of a minimum of 30 semester hours of credit, of which at least 15 semester hours are upper division credit, towards the degree at Frostburg State University.
7. Completion of one of the following:
   a. 15 elective credits outside of General Education requirements and course work in the major department.
   b. An "interdisciplinary" major (one for which there is no "major department").
   c. A minor.
   d. A second major.
   e. Secondary or P-12 teacher education certification.
8. Completion of at least 39 credits at the upper division (300-400) level.
9. Demonstration of technology fluency, defined as proficiency in the University identified ten Basic Technology Skills, by completing one of the following:
   a. Passing the Test of Basic Information Technology Skills (meets requirement but you do not earn credit) – (BITS Test)
   b. Successfully completing COSC 100/110 with a grade of C or better.
   c. Successfully completing other Frostburg State University courses that provide instruction in the basic technology skills with a grade of C or better. Courses approved for students following this catalog include:
      o ART 207 Graphic Design
      o CHEM 304 Computational Techniques in Chemistry
      o COSC 101 The Discipline of Computer Science
      o EDUC 346, 447 and 448 Educational Technology Labs I, II and III.
      (All three one-credit courses must be completed, each with a grade of C or better)
      o GEOG 275 Fundamentals of Geographic Data Handling
      o MUSC 103 Theory II
      o NURS 404 Nursing Informatics
   You must meet all prerequisites for the course(s) selected.
10. Completion of all semester credit hours beyond 90 credits at Frostburg State University, except for up to seven credit hours following the stipulations in the policies concerning attendance at another institution.
11. Completion of all required professional education courses and requirements for students in teacher education programs.
12. Completion of all approved student outcomes assessment activities required by the University and the academic programs.
13. Completion of an application for diploma and graduation when student completes 70 credit hours (forms available in PAWS online).
14. Fulfillment of all financial obligations to the University.

Double-counting GEP Courses
• A particular course may be counted to meet only one General Education requirement.

Courses that count for both the General Education Program and major/minor requirements are noted in the major/minor descriptions. You can complete your degree in a shorter time by choosing GEP courses that match the requirements of the majors/minors that interest you.

Core Skills
• All Core Skills may be satisfied by examination.
• You are expected to take these courses during your first 30 hours, with the exception of the advanced composition course requirement.
• If you are placed in a required section of ENGL 101, ENGL 105 (Critical Reading), or DVMT 095 (Pre-Algebra Mathematics) based on your scores on University placement tests, you may not withdraw unless you are withdrawing from the University.
• Once you are enrolled in ENGL 101, Freshman Composition, you may drop the course only during the drop/add period of one week at the beginning of the semester (except for required developmental courses, which may not be dropped). Under unusual circumstances, the chair of the English department may approve exceptions. Poor performance would not normally constitute a basis for an exception.
• You must continue taking a course which satisfies the requirement each semester until you have passed it with a grade of C or better.

Modes of Inquiry
• In Group E, IDIS 150 (First-Year FSU colloquium) or IDIS/SUST 155 (Introduction to Sustainability Studies) is required. The selected course should be completed prior to earning 45 hours or soon after transfer, if applicable.
• Modes of Inquiry courses should ordinarily be completed in the first 90 hours.