

# **Natural Resources Management: Fisheries Biology Concentration, B.S.**

## **FIRST YEAR**

### *Fall*

- \_\_\_\_\_  ENGL 1301 - Essentials of College Rhetoric (3 SCH)  
\_\_\_\_\_  MATH 1330 - Introductory Mathematical Analysis I (3 SCH)  
*(MATH 1550 may be substituted.)*  
\_\_\_\_\_  BIOL 1401 - Biology of Plants (4 SCH)  
\_\_\_\_\_  NRM 2305 - Introduction to Freshwater Ecology and Fisheries (3 SCH)  
\_\_\_\_\_  POLS 1301 - American Government, Organization (3 SCH)

TOTAL: 16

### *Spring*

- \_\_\_\_\_  ENGL 1302 - Advanced College Rhetoric (3 SCH)  
\_\_\_\_\_  MATH 1331 - Introductory Mathematical Analysis II (3 SCH)  
*(MATH 1451 may be substituted.)*  
\_\_\_\_\_  BIOL 1402 - Biology of Animals (4 SCH)  
\_\_\_\_\_  NRM 1401 - Introduction to Natural Resources Management (4 SCH)  
\_\_\_\_\_  HIST 2300 - History of the United States to 1877 (3 SCH)

TOTAL: 17

## **SECOND YEAR**

### *Fall*

- \_\_\_\_\_  NRM 3407 - Vegetation and Wildlife Inventory & Analysis Techniques (4 SCH)  
\_\_\_\_\_  NRM 3325 - Integrated Natural Resources Management Skills (3 SCH)  
\_\_\_\_\_  NRM 3202 - Range, Forest, Wetland Plants, and Plant Identification (2 SCH)  
\_\_\_\_\_  NRM 3203 - Range, Forest, Wetland Plants, and Plant Identification Lab (2 SCH)  
\_\_\_\_\_  AAEC 2305 - Fundamentals of Agricultural & Applied Econ (3 SCH) **OR**  ECO 2301 - Principles of Econ I (3 SCH)

TOTAL: 14

### *Spring*

- \_\_\_\_\_  CHEM 1305 - Chemical Basics (3 SCH)  
\_\_\_\_\_  CHEM 1105 - Experimental Chemical Basics (1 SCH)  
\_\_\_\_\_  NRM 2307 - Diversity of Life (3 SCH)  
\_\_\_\_\_  NRM 3308 - Quantitative Methods in Natural Resources (3 SCH)  
\_\_\_\_\_  Directed Electives (6 SCH)\*

TOTAL: 16

## **THIRD YEAR**

### *Fall*

- \_\_\_\_\_  CHEM 1306 - Chemistry That Matters (3 SCH)  
\_\_\_\_\_  CHEM 1106 - Chemistry Experiments That Matter (1 SCH)  
\_\_\_\_\_  NRM 3302 - Range Plant Ecology (3 SCH)  
\_\_\_\_\_  Directed Physical Science Course (4 SCH)†  
\_\_\_\_\_  COMS 2300 - Public Speaking (3 SCH)

TOTAL: 14

### *Spring*

- \_\_\_\_\_  Directed Physical Science Course (4 SCH)†  
\_\_\_\_\_  Creative Arts (3 SCH) (select from the university core curriculum)  
\_\_\_\_\_  NRM 4335 - Freshwater Bioassessment (3 SCH)  
\_\_\_\_\_  Directed Electives 4 Semester Credit\*

TOTAL: 14

#### FOURTH YEAR

Fall

- \_\_\_\_\_  HIST 2301 - History of the United States Since 1877 (3 SCH)  
\_\_\_\_\_  NRM 4401 - Fisheries Conservation and Management (4 SCH)  
\_\_\_\_\_  Directed Elective 10 Semester Credit Hours\*

TOTAL: 17

Spring

- \_\_\_\_\_  POLS 2306 – Texas Politics and Topics (3 SCH)  
*Partially fulfills core Government/Political Science requirement.*  
\_\_\_\_\_  Language, Philosophy, and Culture/Multicultural (3 SCH)  
*(select a course that fulfills both the Language, Philosophy, and Culture and Multicultural requirements)*  
\_\_\_\_\_  ZOO 4410 - Introduction to Ichthyology (4 SCH)  
\_\_\_\_\_  Directed Elective (6 SCH)\*

TOTAL: 16

#### TOTAL HOURS: 124

##### \* Directed Electives.

Select 12-14 hours from: NRM 3307, 4310, 4314, 4315, 4320, 4330, 4403, 4408.

Select 14 hours from: PSS 2401; NRM 3304, 3323, 3401, 4000, 4001, 4302, 4303, 4304, 4305, 4306, 4309, 4322, 4324; BIOL 3309; ZOO 3406, 4421, 4321, 4406; ZOO 4406 OR 4408.

† Directed Physical Science Courses. Students will choose two courses from: CHEM 2303, 2103; PSS 2432

**Foreign Language.** Students must complete 2 years of foreign language study in high school or 2 semesters in college.