

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

## **FIRST YEAR**

### *Fall*

- \_\_\_\_\_ ENGL 1301 Essentials of College Rhetoric (3 SCH)
  - \_\_\_\_\_ MATH 1330 Introductory Mathematical Analysis I (3 SCH)
  - \_\_\_\_\_ BIOL 1401 Biology of Plants (4 SCH)
  - \_\_\_\_\_ NRM 1300 Env Sci as a Soc Pursuit (3 SCH) **OR** NRM 2305 - Int to Fresh Ecol and Fish (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)
  - \_\_\_\_\_ 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 3403 Range, Forest, and Wetland Vegetation of North America (4 SCH)
  - \_\_\_\_\_ AAEC 2305 Funds of Ag & 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)
  - \_\_\_\_\_ NRM 2406 Wildlife Anatomy and Physiology (4 SCH)
- TOTAL: 14

## **THIRD YEAR**

### *Fall*

- \_\_\_\_\_ NRM 3302 Range Plant Ecology (3 SCH)
  - \_\_\_\_\_ Directed Physical Science Course (4 SCH)
  - \_\_\_\_\_ NRM Wildlife Management Elective (3 SCH)
  - \_\_\_\_\_ NRM 3300 NRM GIS (3 SCH)\*
  - \_\_\_\_\_ COMS 2300 Public Speaking (3 SCH) **OR** CHE 2306 Communication (3 SCH)
- TOTAL: 16

### *Spring*

- \_\_\_\_\_ Zoology Elective (4 SCH)
- \_\_\_\_\_ NRM Advanced Elective (3 SCH)

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

\_\_\_\_\_ NRM Elective (3 SCH)  
\_\_\_\_\_ NRM Elective (3 SCH)\*  
\_\_\_\_\_ Creative Arts (3 SCH)  
TOTAL: 16

## **FOURTH YEAR**

### *Fall*

\_\_\_\_\_ NRM Wildlife Management Elective (3 SCH)  
\_\_\_\_\_ NRM Habitat Management (3 SCH)  
\_\_\_\_\_ NRM Elective (3 SCH)\*  
\_\_\_\_\_ HIST 2301 History of the United States Since 1877 (3 SCH)  
\_\_\_\_\_ NRM Advanced Elective (3 SCH)  
TOTAL: 16

### *Spring*

\_\_\_\_\_ POLS 2306 Texas Politics and Topics (3 SCH)  
\_\_\_\_\_ Lang., Phil., & Culture/Multicultural (3 SCH)†  
\_\_\_\_\_ NRM 4408 Wildlife Population Dynamics and Analysis (4 SCH)  
\_\_\_\_\_ NRM Habitat Management (3 SCH)  
\_\_\_\_\_ NRM Directed Experiential (3 SCH)  
TOTAL: 16

## **TOTAL HOURS: 124**

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

### ***Electives***

#### **Directed Physical Life Science Courses – Select one course:**

PSS 2432 Principles and Practices in Soils, ATMO 1300/1100 Atmospheric Science and Lab, CHEM 2303/2103 Intro Organic Chemistry and Lab, GEOL 1303/1101 Principles of Geology, GEOG 1401 Physical Geography, CHEM 3305/3105 Organic Chemistry I and Lab

#### **Directed GIS/Spatial Analysis Electives – Select one course:**

NRM 4315 Spatial Analysis for NRM, NRM 4403 Aerial Photo Interpretation, GIST 3300 Geographic Information Systems, NRM Drone Piloting

#### **Directed Experiential – Select one course from list:**

NRM 4000 Internship, NRM 4001 Undergraduate Research, NRM 4324 Topical Ecology

#### **NRM Electives– Select three courses:**

3304 Principles of Range Management, Principles of Conservation Science 3307 NRM 4320 NRM Policy, NRM 4340 Urban Ecology and Human Dimensions, 4401 Fisheries Conservation and Management

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

## **NRM Directed/Advanced Electives – Select two courses:**

NRM 3301 Vegetation Inventory and Analysis, NRM 3309 Restoration Ecology, NRM 3311 Field Ecology, NRM 3314 Wildlife and Livestock Nutrition, NRM 3323 Prescribed burning, NRM 4302 Range Improvements, NRM 4335 FW Bioassessment, PSS 2432 Principles and Practices in Soils, or other NRM 3000 or 4000 level class

## **Directed Wildlife Management – Select two courses:**

4305 Big Game Ecology, 4306 Upland Game Ecology, 4309 Range Wildlife Habitat Ecology, 4310 Waterfowl Management, 4322 Non-Game Ecology

## **Directed Habitat Management – Select two courses:**

NRM 4309 Range Wildlife Habitat Ecology, NRM 4304 Fire Ecology and Management, NRM 4314 Watershed Management, Rangeland and Wildlife Analysis and Management Planning 2

## **Directed Spatial Analysis – choose 1 class:**

NRM 3300 GIS for NRM, NRM 4315 Spatial Analysis, NRM 4403 Aerial Photo Interpretation, GIST 3300

## **Directed Zoology – Select one course from list:**

ZOOL 4406 Intro to Mammalogy, ZOOL 4408 General Ornithology, ZOOL 4410 Intro to Ichthyology, or Field Herpetology 4421