

Natural Resources Management: Ranch Management 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 - Envir Sci as a Social Pursuit (3 SCH) **OR** NRM 2305 - Intro to Freshwater Ecol 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)
- _____ 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 and Applied Economics (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 3304 - Principles of Range Management (3 SCH)
- _____ ANSC 1401 - General Animal Science (4 SCH)

TOTAL: 17

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

- _____ PSS 2432 - Principles and Practices in Soils (4 SCH)
- _____ Creative Arts (3 SCH)*
- _____ NRM 3323 - Prescribed Burning (3 SCH)
- _____ HIST 2301 - History of the United States Since 1877 (3 SCH)
- _____ ANSC 3306 - Animal Diseases (3 SCH)

TOTAL: 16

FOURTH YEAR

Fall

- _____ NRM 4302 - Range Improvements (3 SCH) **OR** NRM 3309 - Restoration Ecology (3 SCH)
- _____ AAEC 3302 - Agribusiness Finance (3 SCH)
- _____ AAEC 3304 - Farm and Ranch Business Management (3 SCH)
- _____ ACCT 2300 - Financial Accounting (3 SCH)
- _____ NRM 4309 - Range-Wildlife Habitat Management (3 SCH)

TOTAL: 15

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)
- _____ ANSC 3305 - Applied Animal Nutrition (3 SCH)
- _____ ACCT 2301 - Managerial Accounting (3 SCH)
- _____ NRM 4303 - Rangeland Analysis and Management Planning (3 SCH)

TOTAL: 15

TOTAL HOURS: 124

* Choose from core curriculum requirements

† **Directed Physical Science Course.** Students will choose one course from: CHEM 2303, 2103; ATMO 1300, 1100; GEOG 1401

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