

BACHELOR OF SCIENCE IN WILDLIFE AND FISHERIES SCIENCE ^{a, e}

Wildlife Health Concentration

DEPARTMENT OF FORESTRY, WILDLIFE AND FISHERIES

THE UNIVERSITY OF TENNESSEE, KNOXVILLE

Draft for 2010 UT Undergraduate Catalog – this version 10/28/2009

STUDENT _____ ADVISOR _____

Freshman Year

Fall Semester

- __ (3) ENG 101* - English Composition ^b
- __ (4) CHEM 120* - General Chemistry ^b
- __ (4) BIOL 130* - Biodiversity ^b
- __ (3) MATH 125* - Basic Calculus ^b
- __ (1) WFS 101 - Current Topics in Wildlife Health

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Spring Semester

- __ (3) FWF 250* - Conservation
- __ (3) ENG 102* - English Composition ^b
- __ (4) CHEM 130* - General Chemistry ^b
- __ (4) BIOL 140* - Org. & Func. of the Cell ^b
- __ (3) STAT 201* - Introduction to Statistics or Mathematics 115 - Statistical Reasoning

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Sophomore Year

Fall Semester

- __ (4) BIOL 240 - General Genetics
- __ (3) CHEM 350 - Organic Chemistry
- __ (4) Physics 221* - Elements of Physics
- __ (3) Microbiology 310 - Introduction to Microbiology
- __ (2) Microbiology 319 - Introduction to Microbiology Lab

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Spring Semester

- __ (3) AS 220 - Anatomy of Farm Animals
- __ (4) BIOL 250 - General Ecology
- __ (3) CHEM 360 - Organic Chemistry II
- __ (2) CHEM 369 - Organic Chemistry Lab
- __ (4) Physics 222* - Elements of Physics II

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Junior Year

Fall Semester

- __ (3) FWF 317 - Prin. of Wildlife & Fisheries Management
- __ (3) SPCH 210* - Public Speaking or SPCH 240* - Business/Professional Speaking
- __ (3) BCMB 440 - General Physiology
- __ (3) AS 380 - Animal Health Management
- __ (3) WFS 301 - Ecology & Management of Wildlife Health

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Spring Semester

- __ (4) Economics 201* - Introduction to Economics
- __ (6) Cultures and Civilizations Electives or Arts and Humanities elective* ^e
- __ (4) BCMB401 - Biochemistry – Molecular Biology

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Senior Year

Fall Semester

- __ (3) WFS 444 - Ecology/Management Wild Mammals
- __ (3) BCMB 311 - Advanced Cellular
- __ (3) Social Science elective* ^e
- __ (3) Cultures & Civilizations or Art & Humanities elective* ^e
- __ (3) Science Elective ^{d, e}

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Spring Semester

- __ (3) WFS 431 - Wildlife Physiology and Nutrition
- __ (3) Either WFS 443 - Fisheries Science or WFS 445 - Ecology/Management of Wild Birds or WFS 433 - Amphibian Conservation and Ecology
- __ (3) Cultures & Civilizations or Art & Humanities elective* ^e
- __ (3) BET 326 - GIS Applications or GEOG 411 – Intro to GIS

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TOTAL = 120 hours

^a 120 hours required for graduation; those courses listed by department, number and title are required.

^b Or equivalent honors courses.

^c General Education Electives: Choose two from Cultures and Civilizations, two courses from Arts and Humanities, and one from Social Sciences for a total of 15 credit hours. One of the Cultures and Civilizations or Arts and Humanities or Social Sciences courses must be writing-intensive.

^d 300-level and above from AS, BET, BCBM, Botany, EEB, EPP, ESS, FOR, FWF, Microbiology, PSS, WFS, or GEOG 410, 412, 413, 436.

^e Electives are chosen in conference with advisor.

^f Requires Department approval.

* Meets University General Education Requirements.