**2010 - 2011 Advising Checklist**
**Requirements for degree (BS) in WILDLIFE RESOURCES**
**College of Natural Resources**

Name High School Advisor

Transferred from Year Started UI

| Course | | Title (Prerequisites) | CR | Sem/Yr | GR |
|---|---|---|---|---|---|
| | | **FIRST YEAR** | | | |
| Chem | 101/L | Introduction to Chemistry I/Lab | 4 | FS | |
| Comm | 101 | Fundamentals of Public Speaking | 2 | FS | |
| CORE | 103-118 | Core Discovery-fall semester only – **HUMANITIES** | 4 | F | |
| Engl | 102 | College Writing & Rhetoric (Engl 101 or equiv.) | 3 | FS | |
| NR | 101 | Exploring Natural Resources - 1st half of semester | 1 | F | |
| Wlf | 102 | The Fish and Wildlife Professions - 2nd half of semester | 1 | F | |
| Biol | 115 | Cells and the Evolution of Life (Pre- or Co-req: Chem 101 or 111) | 4 | FS | |
| Geol<br>Soil | 101/L<br>205/6 | Physical Geology w/ lab **OR**<br>General Soils/lab (Chem 101 or equiv) | 4<br>3/1 | FS<br>FS | |
| Math<br>Math | 160<br>170 | Survey of Calc (scores, test, Math 137 or 143) **OR**<br>Analytic Geometry and Calculus I (Math 143, scores, test) | 4 | FS | |
| CORE | 153-168 | Core Discovery - spring semester only - **HUMANITIES** | 3 | S | |
| | | **SECOND YEAR** | | | |
| Biol | 116 | Organisms and Environment (Prereq: Chem 101 or 111, Biol 115) | 4 | FS | |
| Biol<br>Gene | 210<br>314 | Genetics (Biol 115 or MMBB 250) **OR**<br>General Genetics (Biol 115 or MMBB 154 or perm) | 4<br>3 | F<br>S | |
| Chem<br>Chem | 275<br>277 | Carbon Comp (Chem 101 or 111) **OR**<br>Organic Chemistry I (Chem 112) | 3 | FS | |
| For/CSS** | 235* | Society and Natural Resources – **SS** | 3 | FS | |
| Biol | 213 | Principles of Biological Structure and Function (Biol 115 and 116) | 4 | S | |
| Biol<br>For<br>REM | 341<br>320<br>353 | Systematic Botany (Biol 115 & 116) **OR**<br>Dendrology (Biol 116 or PlSc 205) **OR**<br>Range Plant Id & Ecology (For/Rnge 221) | 3 | S<br>S<br>F | |
| Econ** | 202* | Principles of Economics (sophomore) – **SS** | 3 | FS | |
| For or REM | 221 | Fundamental Principles of Ecology (Biol 102, Biol 115 or 116) | 3 | S<br>F | |
| Stat | 251 | Statistical Methods (Math 137, 143, 160, 170 or perm) | 3 | FS | |
| Approved International Course | | | 3 | FS | |
| Univ. CORE (Reference UI Catalog): Core 101 & 102, Hum/SocSci + approved int'l course ☐ 18 credits minimum. | | | | | |
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**English Transfer Test: Must be Taken; Passed (date)** _____

1. No upper division course may be taken while on probation.
2. 36 upper division credits must be completed. Transfer courses are upper division if they were 300 or 400 level courses at a previous institution.
3. NOTE: Students pursuing a B.S. in Wildlife Resources must receive a grade of C or better in each of the following 4 indicator courses to register in fish- and wildlife-prefixed upper division courses and to graduate with a B.S. in Wildlife Resources: **Biol 116; Biol 213; Stat 251; and For or REM 221.**
4. A student must receive a grade of C or better in each fish- and wildlife-prefixed upper division course listed for the B.S. in Wildlife Resources.
5. 128 total credits for degree.

| *course* | *semester* | *grade* |
|---|---|---|
| **Biol 116** | _____ | _____ |
| **Biol 213** | _____ | _____ |
| **Stat 251** | _____ | _____ |
| **For/REM 221** | _____ | _____ |

**Wildlife Resources curriculum continued:**

| Course | | Title (Prerequisites) | CR | Sem/Yr | GR |
|---|---|---|---|---|---|
| | | **THIRD YEAR** | | | |
| AVS | 271/L | Anatomy and Physiology w/ lab | 4 | F | |
| Comm<br>Engl<br>Engl | 431<br>208<br>317 | Applied Business and Professional Communication **OR**<br>Personal & Exploratory Writing (Engl 102) **OR**<br>Technical Writing (Engl 102, exam, Jr.) | 3 | FS<br>FS<br>FS | |
| Wlf | 314 | Wildlife Ecology I (For/Rnge 221) | 3 | F | |
| Wlf | 315 | Wildlife Ecology I Lab (pre/coreq: Wlf 314) | 1 | F | |
| For<br>Econ<br>AgEc | 383<br>385<br>477 | Econ for Natural Resource Managers (Econ 201 or 202, Math 143 or 160 or 170, For 235) **OR**<br>Environmental Economics (Econ 202 or 272) **SS**<br>Law, Ethics and the Environment (jr. standing) SS | 3 | F<br>S<br>F | |
| Phys<br>Phys | 100/L<br>111/L | Fundamentals of Physics w/ lab **OR**<br>General Physics I (Math 143)w/ lab | 4 | S<br>FS | |
| Wlf | 316 | Wildlife Ecology II (Wlf 314, 315 or perm) | 4 | S | |
| | | Restricted Elective - see below *** | 4 | S | |
| | | **FOURTH YEAR** | | | |
| | | Restricted Elective - see below *** | 3/4 | F | |
| Wlf | 448 | Fish & Wlf Pop Ecology (Stat 251, Fish/Wlf 316 or a course in vert. ecol) | 4 | F | |
| Wlf | 495 | Seminar (Sr. standing) | 1 | F | |
| Wlf | 440 | Conservation Biology (For/Rnge 221 or Biol 314 or perm) | 3 | F | |
| Wlf | 492 | Wildlife Management (Wlf 316, Wlf 448, pre- or co-req: 1 of the following courses - Wlf 482, Biol 481, Biol 483, Biol 484) | 4 | S | |
| | | | | | |
| *** Restricted Electives . . . Choose a total of 2 courses- a grade of C or better required: | | | | | |
| Biol 481 Ichthyology - 4 credits (Biol 115 & 116) – spring | | | | | |
| Wlf 482 Ornithology - 4 credits (Biol 213) – spring | | | | | |
| Biol 483 Mammalogy - 3 credits (Biol 115 & 116) – fall | | | | | |
| Biol 489 Herpetology – 4 credits (Biol 115 & 116) – fall | | | | | |
| Approved work experience in major field required to graduate - form available in Fish & Wildlife office Completed ☐ | | | | | |
| ** counts as social science credit for some catalog years | | | | | |
| ELECTIVES (to total 128 credits): | | | | | |
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For students interested in a **pre-vet program** under the wildlife resources curriculum:

**Prefer taken:**

Communications 431, Professional Presentation Techniques

**Substitute:**

| | |
|---|---|
| Physics 111, General Physics for Physics 100, Fundamentals of Physics | (credits equal) |
| Chemistry 111, Principles of Chemistry I for Chemistry 101, Introduction to Chemistry I | (credits equal) |
| Chemistry 277/278, Organic Chemistry I and Lab for Chemistry 275, Carbon Compounds | (1 extra credit) |

**Add:**

| | |
|---|---|
| Chemistry 112, Principles of Chemistry II | (5 credits) |
| MMBB 380, Introductory Biochemistry | (4 credits) |
| **Total:** | **10 additional credits** |

For students interested in becoming a **conservation officer**, electives from the following courses are suggested:

Comm 331 Conflict Management (3 cr)
Comm 347 Persuasion (3 cr)
CSS 387 Environmental Communication Skills (3 cr)
CSS 494 Public Relations for Natural Resources Professionals (3 cr)
JAMM 252 Principles of Public Relations (3 cr)
JS 101 Introduction to the Justice System (3 cr)