

**FISHERIES & WILDLIFE MAJOR (Pre-Vet Wildlife Sciences Area of Emphasis)--FALL ENTRY (FALL 2019 AND LATER)  
COURSE SEQUENCE**

| FALL 1                                     |   |          |
|--|---|----------|
| <b>FANR 3000</b>                           | <b>Field Methods</b>                      | <b>4</b> |
| prereq: Enrollment in Warnell prof program |   |          |
|  | F: 72 TR 07-08F+(M or 74-76T)             |          |
|  | S: 03 MW 07-08F+(M or 74-76T)             |          |
| <b>FANR 3300</b>                           | <b>Economics of Ren. Resources</b>        | <b>2</b> |
| 1st half                                   | F: 71 TR 01-02 F                          |          |
| of term                                    | S: 73 TR 05-06 F                          |          |
| <b>FANR 3400</b>                           | <b>Society and Natural Res.</b>           | <b>2</b> |
| 2nd half                                   | F: 71 TR 01-02 F                          |          |
| of term                                    | S: 73 TR 05-06 F                          |          |
| <b>FORS 3010</b>                           | <b>Dendrology</b>                         | <b>3</b> |
| prereq: Biology II                         |   |          |
|  | F: 73 TR T, W, R                          |          |
|  | S: 72 TR T, W, R                          |          |
| <b>WILD 3000</b>                           | <b>Intro to Fish &amp; Wildlife Mgmt.</b> | <b>2</b> |
| prereq: Biology II                         |   |          |
|  | F: 02 MW                                  |          |
| <b>WILD 4700</b>                           | <b>Wildlife Techniques</b>                | <b>3</b> |
| prereq: Enrollment in Warnell prof program |   |          |
|  | F: 04 MW M, T, R                          |          |
| <b>TERM TOTAL: 16</b>                      |   |          |

| FALL 2                                       |                                  |          |
|--|----------------------------------|----------|
| <b>BCMB 3100</b>                             | <b>Biochemistry</b>              | <b>4</b> |
| prereq: Organic Chemistry I & BIOL 1107      |                                  |          |
|  | F: 01 MW W, R                    |          |
|  | S: 05 MW W, R                    |          |
| <b>WILD 4100</b>                             | <b>Habitat Mgmt for Wildlife</b> | <b>3</b> |
| prereq: WILD 3000 & (FANR 3200 or ECOL 3500) |                                  |          |
|  | F: 05 MW F                       |          |
|  | <b>RESTRICTED ELECTIVE</b>       | <b>3</b> |
|  | <b>RESTRICTED ELECTIVE</b>       | <b>3</b> |
|  | <b>RESTRICTED ELECTIVE</b>       | <b>2</b> |
| <b>TERM TOTAL: 15</b>                        |                                  |          |

| SPRING 1              |                                 |          |
|-----------------------|---------------------------------|----------|
| <b>FANR 3200</b>      | <b>Ecology of Natural Res.</b>  | <b>4</b> |
| prereq: Biology II    |                                 |          |
|                       | F: 03 MWF M, F                  |          |
|                       | S: 71 TR T, R                   |          |
| <b>FANR 3800</b>      | <b>Spatial Analysis</b>         | <b>3</b> |
| prereq: FANR 3000     |                                 |          |
|                       | F: 01 MW W, R                   |          |
|                       | S: 05 MW W, R                   |          |
| <b>WILD 3580</b>      | <b>Vertebrate Natl. History</b> | <b>4</b> |
| prereq: Biology II    |                                 |          |
|                       | S: 02 MWF M, T, W               |          |
|                       | <b>RESTRICTED ELECTIVE</b>      | <b>3</b> |
| <b>TERM TOTAL: 14</b> |                                 |          |

| SPRING 2                                |  |          |
|---|--|----------|
| <b>FANR 4500 or 4990</b>                | <b>Senior Project or Senior Thesis</b> | <b>4</b> |
| pre or coreq: FANR 3300, final semester |  |          |
|   | F: 3:30-4:30 R or var.                 |          |
|   | S: 01 M or var.                        |          |
| <b>WILD 5100</b>                        | <b>Wildlife Diseases</b>               | <b>3</b> |
|   | S: 73 TR                               |          |
|   | <b>RESTRICTED ELECTIVE</b>             | <b>3</b> |
|   | <b>RESTRICTED ELECTIVE</b>             | <b>3</b> |
|   | <b>RESTRICTED ELECTIVE</b>             | <b>2</b> |
| <b>TERM TOTAL: 15</b>                   |  |          |

| CLASS PERIODS: |                |
|----------------|----------------|
| 01             | 8:00-8:50a     |
| 02             | 9:05-9:55a     |
| 03             | 10:10-11:00a   |
| 04             | 11:15-12:05p   |
| 05             | 12:20-1:10p    |
| 06             | 1:25-2:15p     |
| 07             | 2:30-3:20p     |
| 08             | 3:35-4:25p     |
| 09             | 4:40-5:30p     |
| 10             | 5:45-6:35p     |
| 11             | 6:50-7:40p     |
| 12             | 7:55-8:45p     |
| 13             | 9:00-9:15p     |
| 71             | 8:00-9:15a     |
| 72             | 9:30-10:45a    |
| 73             | 11:00-12:15p   |
| 74             | 12:30-1:45p    |
| 75             | 2:00-3:15p     |
| 76             | 3:30-4:45p     |
| 77             | 5:00-6:15p     |
| 78             | 6:30-7:45p     |
| 79             | 8:00-9:15p     |
| 80             | 9:30-10:45p    |
| VR             | various times  |
| AR             | to be arranged |

| Course Reqmts for Certification: |
|----------------------------------|
| FANR 3000                        |
| FANR 3060                        |
| FANR 3200                        |
| FANR 3300                        |
| FANR 3400                        |
| FANR 4500S/4990                  |
| FORS 3010                        |
| WILD 3000                        |
| WILD 3580                        |
| WILD 4100                        |
| WILD 4700                        |
| Population Elective #1           |
| Organismal Elective #1           |
| Organismal Elective #2           |
| Veterinary Elective              |
| Policy/Dec-Mkg Elect.            |

| TERMS:     |
|------------|
| F: Fall    |
| S: Spring  |
| SU: Summer |

|                                  |
|----------------------------------|
| <b>Hours Needed to Graduate:</b> |
| <b>60</b>                        |

**Prof. Experience:** Students must take one course marked with a P in the curriculum.

Underneath each course title, you will find listed the term, the class period and days meeting for the lecture, and the day(s) the labs are offered, separated by a comma for separate sections. Assume the labs are in the afternoon (periods 06 or 75 or later), unless otherwise noted.

**SEE FOLLOWING PAGES FOR REQUIRED ELECTIVES LISTS.**

**FISHERIES & WILDLIFE MAJOR (Pre-Vet Wildlife Sciences Area of Emphasis)--FALL ENTRY (FALL 2019 AND LATER)  
COURSE SEQUENCE (continued)**

**RESTRICTED ELECTIVES (NEED 19 HOURS TOTAL):**

| Organismal Biology & Ecology #1 (1 course, 4+ hrs) |                                      |          |
|--|--------------------------------------|----------|
| <b>WILD 4040</b>                                   | <b>Herpetology</b>                   | <b>4</b> |
| prereq:  | Biology II, permission of instructor |          |
|  | <b>S: 72 TR T</b>                    |          |
| <b>WILD 4050</b>                                   | <b>Mammalogy</b>                     | <b>4</b> |
| prereq:  | WILD 3580+L                          |          |
|  | <b>F: 04 MWF T</b>                   |          |
| <b>WILD 4060</b>                                   | <b>Ornithology</b>                   | <b>4</b> |
| prereq:  | Biology II                           |          |
|  | <b>S: 04 MWF 01-03 F</b>             |          |

| Organismal Biol. & Ecology #2 (1 course, 3+ hrs)   |   |          |
|--|---|----------|
| <b>BIOL 3700</b>                                   | <b>Animal Behavior</b>                    | <b>3</b> |
| prereq:  | Biology II                                |          |
|  | <b>F: 03 MWF</b>                          |          |
| <b>ECOL 3220</b>                                   | <b>Marine Mammals</b>                     | <b>4</b> |
| prereq:  | Biology II                                |          |
|  | <b>S: 73 TR</b>                           |          |
|  | <b>SU: 8-12:15 DAILY</b>                  |          |
| <b>ECOL 4240</b>                                   | <b>Physiological Ecology</b>              | <b>4</b> |
| prereq:  | Biology II                                |          |
|  | <b>F: 74 TR 03-04 F</b>                   |          |
| <b>ENTO 4000</b>                                   | <b>General Entomology</b>                 | <b>4</b> |
| prereq:  | Biology I & II                            |          |
|  | <b>S: 05 MWF 06-07 F</b>                  |          |
| <b>FANR 4350</b>                                   | <b>Conservation Genetics</b>              | <b>3</b> |
| prereq:  | Biology I & II & (Stat or Biostat)        |          |
|  | <b>F: 73 TR</b>                           |          |
| <b>FISH 4300</b>                                   | <b>Environ Biology of Fishes</b>          | <b>4</b> |
| prereq:  | Biology II                                |          |
|  | <b>S: 04 MWF 05-08 F</b>                  |          |
| <b>WILD 4040</b>                                   | <b>Herpetology</b>                        | <b>4</b> |
| prereq:  | Biology II, permission of instructor      |          |
|  | <b>S: 72 TR T</b>                         |          |
| <b>WILD 4050</b>                                   | <b>Mammalogy</b>                          | <b>4</b> |
| prereq:  | WILD 3580+L                               |          |
|  | <b>F: 04 MWF T</b>                        |          |
| <b>WILD 4060</b>                                   | <b>Ornithology</b>                        | <b>4</b> |
| prereq:  | Biology II                                |          |
|  | <b>S: 04 MWF 01-03 F</b>                  |          |
| <b>WILD 4400</b>                                   | <b>Wildlife Phys. and Nutrition</b>       | <b>3</b> |
| prereq:  | WILD 3000                                 |          |
|  | <b>S: 72 TR</b>                           |          |
| <b>WILD 4575</b>                                   | <b>Conserv. Medicine &amp; Biol.*</b>     | <b>6</b> |
| prereq:  | Biology I & II & permission of instructor |          |
| P  | <b>SU: VR</b>                             |          |
| *can use 3 hrs here & 3 hrs towards Addtl. Reqmts. |   |          |

| Veterinary Elective (1 course, 3+ hours) |                                      |          |
|--|--------------------------------------|----------|
| <b>FANR 4350</b>                         | <b>Conservation Genetics</b>         | <b>3</b> |
| prereq:                                  | Biology I & II & (Stat or Biostat)   |          |
|  | <b>F: 73 TR</b>                      |          |
| <b>WILD 4040</b>                         | <b>Herpetology</b>                   | <b>4</b> |
| prereq:                                  | Biology II, permission of instructor |          |
|  | <b>S: 72 TR T</b>                    |          |
| <b>WILD 4050</b>                         | <b>Mammalogy</b>                     | <b>4</b> |
| prereq:                                  | WILD 3580+L                          |          |
|  | <b>F: 04 MWF T</b>                   |          |
| <b>WILD 4400</b>                         | <b>Wildlife Phys. and Nutrition</b>  | <b>3</b> |
| prereq:                                  | WILD 3000                            |          |
|  | <b>S: 72 TR</b>                      |          |
| or other, advisor-approved course        |                                      |          |

| CLASS PERIODS: |                |
|----------------|----------------|
| <b>01</b>      | 8:00-8:50a     |
| <b>02</b>      | 9:05-9:55a     |
| <b>03</b>      | 10:10-11:00a   |
| <b>04</b>      | 11:15-12:05p   |
| <b>05</b>      | 12:20-1:10p    |
| <b>06</b>      | 1:25-2:15p     |
| <b>07</b>      | 2:30-3:20p     |
| <b>08</b>      | 3:35-4:25p     |
| <b>09</b>      | 4:40-5:30p     |
| <b>10</b>      | 5:45-6:35p     |
| <b>11</b>      | 6:50-7:40p     |
| <b>12</b>      | 7:55-8:45p     |
| <b>13</b>      | 9:00-9:15p     |
| <b>71</b>      | 8:00-9:15a     |
| <b>72</b>      | 9:30-10:45a    |
| <b>73</b>      | 11:00-12:15p   |
| <b>74</b>      | 12:30-1:45p    |
| <b>75</b>      | 2:00-3:15p     |
| <b>76</b>      | 3:30-4:45p     |
| <b>77</b>      | 5:00-6:15p     |
| <b>78</b>      | 6:30-7:45p     |
| <b>79</b>      | 8:00-9:15p     |
| <b>80</b>      | 9:30-10:45p    |
| <b>VR</b>      | various times  |
| <b>AR</b>      | to be arranged |

| Course Reqmts for Certification: |
|----------------------------------|
| FANR 3000                        |
| FANR 3060                        |
| FANR 3200                        |
| FANR 3300                        |
| FANR 3400                        |
| FANR 4500/4600                   |
| FORS 3010                        |
| WILD 3000                        |
| WILD 3580                        |
| WILD 4100                        |
| WILD 4700                        |
| Population Elective #1           |
| Organismal Elective #1           |
| Organismal Elective #2           |
| Organismal Elective #3           |
| Policy/Dec-Mkg Elect.            |

| TERMS:     |        |
|------------|--------|
| <b>F:</b>  | Fall   |
| <b>S:</b>  | Spring |
| <b>SU:</b> | Summer |

|                                  |
|----------------------------------|
| <b>Hours Needed to Graduate:</b> |
| <b>60</b>                        |

**Prof. Experience:** Students must take one course marked with a P in the curriculum.

**FISHERIES & WILDLIFE MAJOR (Pre-Vet Wildlife Sciences Area of Emphasis)--FALL ENTRY (FALL 2019 AND LATER)  
COURSE SEQUENCE (continued)**

**RESTRICTED ELECTIVES (CONTINUED):**

| Population: Elective #1 (1 course, 3+ hrs) |                                      |          |
|--|--------------------------------------|----------|
| <b>FANR 4350</b>                           | <b>Conservation Genetics</b>         | <b>3</b> |
| prereq:                                    | Biology I & II & (Stat or Biostat)   |          |
|  | F: 73 TR                             |          |
| <b>WILD 5330</b>                           | <b>Cons. Wild. in Ag. Landscapes</b> | <b>3</b> |
|  | irregularly offered                  |          |

| Population: Elective #2 (1 course, 2+ hrs)   |   |          |
|--|---|----------|
| <b>ECOL 3220</b>                             | <b>Marine Mammals</b>                     | <b>4</b> |
| prereq:                                      | Biology II                                |          |
|  | SU: 8-12:15 DAILY                         |          |
| <b>ECOL 4000</b>                             | <b>Pop. &amp; Comm. Ecology</b>           | <b>3</b> |
| prereq:                                      | (FANR 3200 or ECOL 3500) & Calculus       |          |
|  | F: 75 TR                                  |          |
| <b>FANR 4350</b>                             | <b>Conservation Genetics</b>              | <b>3</b> |
| prereq:                                      | Biology I & II & (Stat or Biostat)        |          |
|  | F: 73 TR                                  |          |
| <b>GENE 3000</b>                             | <b>Evolutionary Biology</b>               | <b>4</b> |
| prereq:                                      | Biology I or II                           |          |
|  | F: 75 TR                                  | various  |
|  | S: 72 TR                                  | various  |
|  | SU: 9:15-11:30 DAILY, var labs            |          |
| <b>WILD 4500</b>                             | <b>Nongame &amp; End. Sp. Mgmt.</b>       | <b>3</b> |
| prereq:                                      | WILD 3000, 4700, and Ecology              |          |
| even yrs                                     | F: 72 TR                                  |          |
| <b>WILD 4575</b>                             | <b>Conserv. Medicine &amp; Biol.*</b>     | <b>6</b> |
| prereq:                                      | Biology I & II & permission of instructor |          |
| P  | SU: VR                                    |          |
| *can use 3 hrs here and 3 hrs towards Org #2 |   |          |
| <b>WILD 4600</b>                             | <b>Field Methods in Wildlife</b>          | <b>2</b> |
| prereq:                                      | apply through StudyAway portal            |          |
| P  | irregularly offered                       |          |
| <b>WILD 4650</b>                             | <b>Field &amp; Mol. Techniques</b>        | <b>4</b> |
| prereq:                                      | apply through StudyAway portal            |          |
| P  | SU: VR (Maymester)                        |          |
| <b>WILD 4900</b>                             | <b>Wildlife Damage Mgmt.</b>              | <b>3</b> |
| prereq:                                      | permission of instructor                  |          |
|  | S: 04 MW                                  | W        |
| <b>WILD 5200</b>                             | <b>Intl Wildlife Mgmt in S. Africa*</b>   | <b>6</b> |
| prereq:                                      | apply through StudyAway portal            |          |
| P  | irregularly offered                       |          |
| <b>WILD 5330</b>                             | <b>Cons. Wild. in Ag. Landscapes</b>      | <b>3</b> |
|  | irregularly offered                       |          |
| or other, advisor-approved course            |   |          |

| Policy and Decision-Making (1 course, 2+ hrs) |                                      |          |
|---|--------------------------------------|----------|
| <i>If FANR 4500 taken, choose from:</i>       |                                      |          |
| <b>FANR 4800</b>                              | <b>Renewable Res. Policy</b>         | <b>2</b> |
| prereq:                                       | FANR 3300, 3400, and Ecology         |          |
|   | S: 03 MW                             |          |
| <b>WILD 4520</b>                              | <b>Conserv. Decision-Making</b>      | <b>3</b> |
| prereq:                                       | FANR 3000 & (ECOL 3500 or FANR 3200) |          |
| pre or coreq:                                 | FANR 3800                            |          |
|   | S: 71 TR                             | M or W   |
| <b>WILD 4500</b>                              | <b>Nongame &amp; End. Sp. Mgmt.</b>  | <b>3</b> |
| prereq:                                       | WILD 3000, 4700, and Ecology         |          |
| even yrs                                      | F: 72 TR                             |          |
| <i>If FANR 4600 taken, must take:</i>         |                                      |          |
| <b>WILD 4520</b>                              | <b>Conserv. Decision-Making</b>      | <b>3</b> |
| prereq:                                       | FANR 3000 & (ECOL 3500 or FANR 3200) |          |
| pre or coreq:                                 | FANR 3800                            |          |
|   | S: 71 TR                             | M or W   |

| Free Elective                           |                                     |          |
|---|-------------------------------------|----------|
| (at least 2 hours in at least 1 course) |                                     |          |
|   | excess hours from any required      |          |
|   | major course or restricted elective |          |
| or                                      | any advisor-approved course         |          |
|   |                                     | <b>2</b> |

| CLASS PERIODS: |                |
|----------------|----------------|
| <b>01</b>      | 8:00-8:50a     |
| <b>02</b>      | 9:05-9:55a     |
| <b>03</b>      | 10:10-11:00a   |
| <b>04</b>      | 11:15-12:05p   |
| <b>05</b>      | 12:20-1:10p    |
| <b>06</b>      | 1:25-2:15p     |
| <b>07</b>      | 2:30-3:20p     |
| <b>08</b>      | 3:35-4:25p     |
| <b>09</b>      | 4:40-5:30p     |
| <b>10</b>      | 5:45-6:35p     |
| <b>11</b>      | 6:50-7:40p     |
| <b>12</b>      | 7:55-8:45p     |
| <b>13</b>      | 9:00-9:15p     |
| <b>71</b>      | 8:00-9:15a     |
| <b>72</b>      | 9:30-10:45a    |
| <b>73</b>      | 11:00-12:15p   |
| <b>74</b>      | 12:30-1:45p    |
| <b>75</b>      | 2:00-3:15p     |
| <b>76</b>      | 3:30-4:45p     |
| <b>77</b>      | 5:00-6:15p     |
| <b>78</b>      | 6:30-7:45p     |
| <b>79</b>      | 8:00-9:15p     |
| <b>80</b>      | 9:30-10:45p    |
| <b>VR</b>      | various times  |
| <b>AR</b>      | to be arranged |

| Course Reqmts for Certification: |  |
|----------------------------------|--|
| FANR 3000                        |  |
| FANR 3060                        |  |
| FANR 3200                        |  |
| FANR 3300                        |  |
| FANR 3400                        |  |
| FANR 4500/4600                   |  |
| FORS 3010                        |  |
| WILD 3000                        |  |
| WILD 3580                        |  |
| WILD 4100                        |  |
| WILD 4700                        |  |
| Population Elective #1           |  |
| Organismal Elective #1           |  |
| Organismal Elective #2           |  |
| Organismal Elective #3           |  |
| Policy/Dec-Mkg Elect.            |  |

**Prof. Experience:** Students must take one course marked with a P in the curriculum.

| TERMS:     |        |
|------------|--------|
| <b>F:</b>  | Fall   |
| <b>S:</b>  | Spring |
| <b>SU:</b> | Summer |

|                                  |
|----------------------------------|
| <b>Hours Needed to Graduate:</b> |
| <b>60</b>                        |