

**FISHERIES & WILDLIFE MAJOR (Aquatic Sciences Area of Emphasis)--FALL ENTRY (FALL 2012 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>FISH 3000</b>	<b>Intro to Fish &amp; Wildlife Mgmt.</b>	<b>2</b>
prereq: Biology II		
F: 02 MW		
<b>FISH 4200</b>	<b>Aquatic Biology (lecture &amp; lab)</b>	<b>4</b>
prereq: Biology II		
F: 74 TR 75-76 R		
<b>RESTRICTED ELECTIVE</b>		<b>3</b>
<b>TERM TOTAL: 13</b>		

**NOTE:** Do not delay FISH 4200. If delayed, it will conflict with FISH 4500 in Fall 2.

FALL 2		
<b>FISH 4500</b>	<b>Fish Physiology</b>	<b>4</b>
prereq: WILD 3580		
F: 75 TR F		
<b>FISH 5360</b>	<b>Fisheries Mgmt (lecture &amp; lab)</b>	<b>4</b>
prereq: Biology II & FISH 4300		
F: 72 TR W		
<b>RESTRICTED ELECTIVE</b>		<b>3</b>
<b>RESTRICTED ELECTIVE</b>		<b>3</b>
<b>RESTRICTED ELECTIVE</b>		<b>3</b>
<b>TERM TOTAL: 17</b>		

SPRING 1		
<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>FISH 4300</b>	<b>Envir. Biology of Fishes</b>	<b>4</b>
prereq: Biology II		
S: 04 MWF 05-08 F		
<b>WILD 3580</b>	<b>Vertebrate Natl. History</b>	<b>4</b>
prereq: Biology II		
S: 02 MWF M, T, W		
<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>TERM TOTAL: 15</b>		

SPRING 2		
<b>FANR 4500 or 4990</b>	<b>Senior Project or Senior Thesis</b>	<b>4</b>
pre or coreq: FISH 5360, final semester		
F: 3:30-4:30 R or var.		
S: 01 M or var.		
<b>FANR 3060</b>	<b>Soils and Hydrology</b>	<b>4</b>
prereq: Chemistry I		
F: 04 MWF W, R: var.		
S: 04 MWF W, R: var.		
<b>RESTRICTED ELECTIVE</b>		<b>3</b>
<b>RESTRICTED ELECTIVE</b>		<b>4</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

TERMS:	
F:	Fall
S:	Spring
SU:	Summer

<b>Hours Needed to Graduate:</b> <b>60</b>
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**Prof. Experience:** Students must take one course marked with a P in the curriculum.  
**Wildlife Sciences:** Students must take one course marked with a W 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.

**FISHERIES & WILDLIFE MAJOR (Aquatic Sciences Area of Emphasis)--FALL ENTRY (FALL 2012 AND LATER)  
COURSE SEQUENCE (continued)**

**RESTRICTED ELECTIVES (NEED 22 HOURS TOTAL):**

<b>Habitat &amp; Ecosystem Ecol. &amp; Mgmt.</b> (at least 3 hours in at least 1 course)		
<b>ECOL 3520</b>	<b>Ecological Applications</b>	<b>3</b>
prereq: ECOL 3500 or FANR 3200		
irregularly offered		
<b>ECOL 4010</b>	<b>Ecosystem Ecology</b>	<b>3</b>
prereq: ECOL 3500 and MATH 2250		
S: 75 TR		
<b>FISH 4310</b>	<b>Limnology</b>	<b>4</b>
prereq: ECOL 3500 or FANR 3200		
F: 02 MW M, W		
<b>FISH 4550</b>	<b>Conservation Aquaculture</b>	<b>4</b>
prereq: Biology II		
S: 74 TR 75-76 R		
<b>FISH 4600</b>	<b>Ecotoxicology</b>	<b>3</b>
prereq: Biology II and Chemistry II		
S: 05 MWF 06 F		
<b>FISH 4650L</b>	<b>Georgia Fishes Field Study</b>	<b>4</b>
prereq: apply through StudyAway portal		
P SU: VR (Maymester)		
<b>WASR 4400</b>	<b>Wetlands</b>	<b>3</b>
even yrs S: 04 MW W		
<b>WILD 4100</b>	<b>Habitat Mgmt for Wildlife</b>	<b>3</b>
prereq: WILD 3000 & (FANR 3200 or ECOL 3500)		
W F: 05 MW F		
<b>WILD 5200</b>	<b>Intl Wildlife Mgmt in S. Africa*</b>	<b>6</b>
prereq: apply through StudyAway portal		
W P irregularly offered		
*can use 3 hrs here and 3 hrs towards Pop #2		
<b>WILD 5350</b>	<b>Wetland Mgmt for Wildlife</b>	<b>3</b>
W irregularly offered		
or other, advisor-approved course		

<b>Organismal Biology &amp; Ecology</b> at least 6 hours in at least 2 courses		
<b>BIOL 3700</b>	<b>Animal Behavior</b>	<b>3</b>
prereq: Biology II		
F: 03 MWF		
<b>BIOL 3720L</b>	<b>Field Animal Behavior</b>	<b>3</b>
prereq: Biology II		
SU: VR		
<b>ECOL 3220</b>	<b>Marine Mammals</b>	<b>4</b>
prereq: Biology II		
W S: 73 TR		
W SU: 8-12:15 DAILY		
<b>ECOL 4050</b>	<b>Ichthyology</b>	<b>4</b>
prereq: Biology II		
F: 73 TR 03-05 W		
<b>ECOL 4070</b>	<b>Invertebrate Zoology</b>	<b>4</b>
prereq: Biology II		
no longer offered		
<b>ENTO 4000</b>	<b>General Entomology</b>	<b>4</b>
prereq: Biology I & II		
S: 05 MWF 06-07 F		
<b>FISH 4650L</b>	<b>Georgia Fishes Field Study</b>	<b>4</b>
prereq: apply through StudyAway portal		
P SU: VR (Maymester)		
<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 4040</b>	<b>Herpetology</b>	<b>4</b>
prereq: Biology II, permission of instructor		
W S: 72 TR T		
<b>WILD 4050</b>	<b>Mammalogy</b>	<b>4</b>
prereq: WILD 3580+L		
W F: 04 MWF T		
<b>WILD 4060</b>	<b>Ornithology</b>	<b>4</b>
prereq: Biology II		
W S: 04 MWF 01-03 F		
<b>WILD 5100</b>	<b>Wildlife Diseases</b>	<b>3</b>
W S: 73 TR		
<b>WILD 4575</b>	<b>Conserv. Medicine &amp; Biol.*</b>	<b>6</b>
prereq: Biology I & II & permission of instructor		
W P SU: VR		
*can use 3 hrs here and 3 hrs towards Population		
or other, advisor-approved course		

<b>CLASS PERIODS:</b>	
<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

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

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

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**FISHERIES & WILDLIFE MAJOR (Aquatic Sciences Area of Emphasis)--FALL ENTRY (FALL 2012 AND LATER)  
COURSE SEQUENCE (continued)**

**RESTRICTED ELECTIVES (CONTINUED):**

<b>Population Ecology &amp; Mgmt</b>		
at least 3 hours in at least 1 course		
<b>ECOL 3220</b>	<b>Marine Mammals</b>	<b>4</b>
prereq: Biology II		
W	<b>SU: 8-12:15 DAILY</b>	
<b>ECOL 4000</b>	<b>Pop. &amp; Comm. Ecology</b>	<b>3</b>
prereq: (FANR 3200 or ECOL 3500) & Calculus		
	<b>F: 75 TR</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 4550</b>	<b>Conservation Aquaculture</b>	<b>4</b>
prereq: Biology II		
P	<b>S: 74 TR</b>	<b>75-76 R</b>
<b>FISH 4600</b>	<b>Ecotoxicology</b>	<b>3</b>
prereq: Biology II and Chemistry II		
	<b>S: 05 MWF</b>	<b>06 F</b>
<b>GENE 3000</b>	<b>Evolutionary Biology</b>	<b>4</b>
prereq: Biology I or II		
	<b>F: 75 TR</b>	<b>various</b>
	<b>S: 72 TR</b>	<b>various</b>
	<b>SU: 9:15-11:30 DAILY, var labs</b>	
<b>WILD 4500</b>	<b>Nongame &amp; End. Sp. Mgmt.</b>	<b>3</b>
prereq: WILD 3000, 4700, and Ecology		
W even yrs	<b>F: 72 TR</b>	
<b>WILD 4575</b>	<b>Conserv. Medicine &amp; Biol.*</b>	<b>6</b>
prereq: Biology I & II & permission of instructor		
W P	<b>SU: VR</b>	
*can use 3 hrs here and 3 hrs towards Org #2		
<b>WILD 4900</b>	<b>Wildlife Damage Mgmt.</b>	<b>3</b>
prereq: permission of instructor		
W	<b>S: 04 MW</b>	<b>W</b>
<b>WILD 5100</b>	<b>Wildlife Diseases</b>	<b>3</b>
W	<b>S: 73 TR</b>	
<b>WILD 5200</b>	<b>Intl Wildlife Mgmt in S. Africa*</b>	<b>6</b>
prereq: apply through StudyAway portal		
W P	<b>irregularly offered</b>	
*can use 3 hrs here and 3 hrs in Habitat		
<b>WILD 5700</b>	<b>Applied Pop. Dynamics</b>	<b>3</b>
prereq: (FANR 3200 or ECOL 3500) & Precal		
	<b>S: 02 MW</b>	<b>M</b>
or other, advisor-approved course		

<b>Policy and Decision-Making (1 course, 2+ hrs)</b>		
<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		
	<b>S: 03 MW</b>	
<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		
	<b>S: 71 TR</b>	<b>M or W</b>
<b>WILD 4500</b>	<b>Nongame &amp; End. Sp. Mgmt.</b>	<b>3</b>
prereq: WILD 3000, 4700, and Ecology		
W even yrs	<b>F: 72 TR</b>	
<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		
	<b>S: 71 TR</b>	<b>M or W</b>

<b>Free Elective</b>		
(at least 5 hours in at least 1 course)		
<b>FISH 3900</b>	<b>Internship</b>	<b>1-3</b>
prereq: apply before internship on Warnell site		
P	<b>SU: VR</b>	<b>(2+ hrs req'd for prof exp)</b>
<b>FISH 3000+</b>	<b>any 3000 or above FISH course</b>	<b>3</b>
or other, advisor-approved course		

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<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
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<b>80</b>	9:30-10:45p
<b>VR</b>	various times
<b>AR</b>	to be arranged

<b>TERMS:</b>	
<b>F:</b>	<b>Fall</b>
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<b>SU:</b>	<b>Summer</b>

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