

**FISHERIES & WILDLIFE MAJOR (Aquatic Sciences Area of Emphasis)--SPRING ENTRY (SPRING 2021 AND LATER)
COURSE SEQUENCE**

SPRING 1		
FANR 3000	Field Methods	4
prereq: Enrollment in Warnell prof program		
F: 72 TR 07-08F+(M or 74-76T)		
S: 03 MW 07-08F+(M or 74-76T)		
WILD 3580	Vertebrate Natl. History	4
prereq: Biology II, enrollment in prof program		
S: 02 MWF T, W, R		
FANR 3200W	Ecology of Natural Res.	4
prereq: Biology II		
F: 03 MWF M, F		
S: 71 TR T, R		
RESTRICTED ELECTIVE		3
TERM TOTAL: 15		

FALL 1		
FANR 3060	Soils and Hydrology	4
prereq: Chemistry I		
F: 04 MWF W, R: var.		
S: 04 MWF W, R: var.		
FISH 4200	Aquatic Biology (lecture & lab)	4
prereq: Biology II		
F: 74 TR 75-76 R		
FISH 3001	Fish & Wildlife Policy	1
pre or coreq: WILD 1100E or WILD 3000W		
F: 02 F		
RESTRICTED ELECTIVE		3
Choose one from FISH 3000W or WILD 1100E		
FISH 3000W	Intro to Fish & Wildlife Mgmt.	2
prereq: Biology II		
F: 02 MW		
WILD 1100E	Wildlife in America (online)	2
S & SU: offered spring & summer		
TERM TOTAL: 14		

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

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

Hours Needed to Graduate:
60

SPRING 2		
FANR 3800	Spatial Analysis	3
prereq: FANR 3000		
F: 01 MW W, R		
S: 05 MW W, R		
FISH 4300	Envir. Biology of Fishes	4
prereq: Biology II		
S: 04 MWF 05-08 F		
RESTRICTED ELECTIVE		3
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RESTRICTED ELECTIVE		3
TERM TOTAL: 16		

FALL 2		
FANR 4500S or 4990R	Senior Project or Senior Thesis	4
pre or coreq: FISH 5360, final semester		
F: 3:30-4:30 R or var.		
S: 01 M or var.		
FISH 4500	Fish Physiology	4
prereq: WILD 3580		
F: 75 TR F		
FISH 5360	Fisheries Mgmt (lecture & lab)	4
prereq: Biology II & FISH 4300		
F: 72 TR W		
RESTRICTED ELECTIVE		3
TERM TOTAL: 15		

Economics Requirement: Students completing the fisheries & wildlife major must also complete an economics requirement as part of the Core Curriculum or as a major elective. The following courses will satisfy this requirement: ECON 2100, 2100E, 2105, 2105E, 2105H, 2106, 2106E, 2106H, 2200, 2200E, 2200H, or FANR 3300-3300D.

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.

Wildlife Sciences: Students must take one course marked with a W in the curriculum.

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COURSE SEQUENCE (continued)**

RESTRICTED ELECTIVES (NEED 18 HOURS TOTAL):

Policy , Law & Decision-Making (3-5 hrs)			
<i>If FANR 4500 taken, must take 3 hours from:</i>			
ENVM 4930	Envir. Law & Govt. Regul.	3	
prereq:	POLS 1101, HIST 2111, or 2112		
prereq:	also, 3rd year standing		
	S: 75 TR		
FANR 3400	Society and Natural Res.	2	
2nd half	F: 03 MW 02-03 F		
of term	S: 73 TR 05-06 F		
FANR 4020	Sustainable Development	3	
prereq:	FANR 1100, LAND 1500, etc.		
	S: 05 MWF		
FANR 4271	Field Studies in Natl. Res.	3-6	
prereq:	apply through StudyAway portal		
	SU: VR		
FANR 4800W	Renewable Res. Policy	2	
prereq:	Economics and senior standing		
	S: 03 MW		
FANR 4810	Natural Resources Law	4	
	S: 75 TR		
WILD 4500	Nongame & End. Sp. Mgmt.	3	
prereq:	(WILD 1100E or 3000W), 4700, & Ecol.		
even yrs	F: 72 TR		
WILD 4520	Conserv. Decision-Making	3	
prereq:	FANR 3000 & (ECOL 3500 or FANR 3200W)		
pre or coreq:	FANR 3800		
	S: 71 TR M or W		
<i>If FANR 4990 taken, must take 5 hours from:</i>			
WILD 4520	Conserv. Decision-Making	3	
prereq:	FANR 3000 & (ECOL 3500 or FANR 3200W)		
pre or coreq:	FANR 3800		
	S: 71 TR M or W		
<i>...and 2 hours from the FANR 4500 list above.</i>			

Wildlife Sciences Requirement			
<i>1 course required, but it can be a class used already as a restricted elective</i>			
ECOL 3220	Marine Mammals	4	
WILD 4040	Herpetology	4	
WILD 4050	Mammalogy	4	
WILD 4060	Ornithology	4	
WILD 4100	Wildlife Habitat	3	
WILD 4500	Non-game & End Species Mgmt	3	
WILD 4575	Conservation Medicine	6	
WILD 4900	Wildlife Damage	3	
WILD 5100	Wildlife Diseases	3	
WILD 5200	International Wildlife Mgmt	6	
WILD 5350	Wetland Mgmt for Wildlife	3	
or other, advisor-approved course			

A maximum of 3 hours of internship (COFA 3900, FISH 3900, FORS 3900, GISC 3900, PRTM 3900, WASR 3900, and WILD 3900) may be used towards graduation.

Aquatic Sciences Electives (4 hrs)		
FISH 3000+	any FISH course 3000+	var.
prereq:	various	
or other, advisor-approved course		

Open Major Electives (9-11 hrs)
Excess credit from courses used to satisfy other restricted elective categories may be used here.

If FANR 4500 taken, must take 11 hours from list
If FANR 4990 taken, must take 9 hours from list

BIOL 3700W	Animal Behavior	3	
prereq:	Biology II		
	F: 03 MWF		
CHEM 2212	Organic Chemistry II & lab	4	
prereq:	Organic Chemistry I		
	F: various times		
	S: various times		
	SU: various times		
COFA 3000+	any COFA course 3000+	var.	
prereq:	various		
ECOL 3220	Marine Mammals	4	
prereq:	Biology II		
	SU: 8-12:15 DAILY		
ECOL 4010	Ecosystem Ecology	3	
prereq:	ECOL 3500 and MATH 2250		
	S: 75 TR		
ECOL 4050	Ichthyology	4	
prereq:	Biology II		
	F: 73 TR 03-05 W		
ECOL 4240	Physiological Ecology	4	
prereq:	Biology II		
	F: 74 TR 03-04 F		
ENTO 4000	General Entomology	4	
prereq:	Biology I & II		
	S: 05 MWF 06-07 F		
FANR 3000+	any FANR course 3000+	var.	
prereq:	various		
FISH 3000+	any FISH course 3000+	var.	
prereq:	various		
FORS 3000+	any FORS course 3000+	var.	
prereq:	various		
GENE 3000	Evolutionary Biology	4	
prereq:	Biology I or II		
	F: 75 TR various		
	S: 72 TR various		
	SU: 9:15-11:30 DAILY, var labs		
GISC 3000+	any GISC course 3000+	var.	
prereq:	various		
PHYS 1112	Physics II	4	
prereq:	Physics I		
	F: various times		
	S: various times		
	SU: various times		
PRTM 3000+	any PRTM course 3000+	var.	
prereq:	various		
WASR 3000+	any WASR course 3000+	var.	
prereq:	various		
WILD 3000+	any WILD course 3000+	var.	
prereq:	various		

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