

Natural Resource Management and Sustainability (Geospatial Information Science) - Fall 2025 and later

Fall Entry - Fall 2025 and later

Fall 1		Hours
FANR 3060+L - Soils & Hydrology		4
prereq	Chemistry I	
S:	03 MWF	01-02 R; 03-04 R; 04-05 W; 05-06 R
F:	03 MWF	01-02 R; 03-04 R; 05-06 R; 05-06 W
FANR 3300+D and 3400+D - Economics & Society		4
3300+D - first half of term; 3400+D - last half		
FANR 3300 - Economics		2
prereq	Second year student standing	
S:	03 TR	05 F
F:	02 MW	02 F
FANR 3400 - Society		2
prereq	Second year student standing	
S:	03 TR	05 F
F:	02 MW	02 F
GIS Required Option or Elective		3
F:	VR	
GIS Required Option or Elective		3
F:	VR	
Total Hours:		14



Spring 1		Hours
FANR 3200W+L - Ecology		4
prereq	Biology II	
S:	01 TR	04-06 R; 04-06 T
F:	02 MWF	04-06 M; 04-06 W
FANR 3800+L - Spatial Analysis		3
pre or coreq	FANR 3000, FORS 4050, PRTM 4700, or WILD 4110	
S:	02 MW	04-06 R; 04-06 W
F:	01 MW	04-06 R; 04-06 W
FORS 4050+L - Field Measurements		4
prereq	Enrollment in the professional program; pre or coreq: Statistics	
S:	03 MW	04-06 M, 03-04 F
GIS Required Option or Elective		4
S:	VR	
Total Hours:		15



Fall 2		Hours
GEOG 4590+L - Programming for GIS		3
prereq	GEOG 4370	
F:	03-04 M	05-06 M
prereq	GEOG 4370	
SU:	VR	
FANR 4501 or FANR 4960/4970/4980R - Senior Project I or		1
Choose between Senior Project I or Senior Thesis Research. Students taking Senior Thesis may save research hours until their final term, if desired, or may take 1-3 hours in this term, if desired.		
FANR 4501 - Senior Project I		1
pre or coreq	FANR 3300, FORS 4700, FISH 4300, or WILD 4100	
S:	01 T	
F:	01 F	
GIS Required Option or Elective		3
F:	VR	
GIS Required Option or Elective		3
F:	VR	
GIS Required Option or Elective		4
F:	VR	
GIS Remote-Sensing Option		3
F:	VR	
Total Hours:		17



Spring 2		Hours
FANR 5620+L - GIS Applications for Natural Resources		3
prereq	FANR 3800+L	
S:	02 TR	03 TR
FANR 5630 - Statistical Software for Natl Res Mgmt		3
prereq	Statistics	
S:	05-06 F	
FANR 3700 - Natural Resources Data Processing		3
prereq	Statistics	
S:	02 MWF	
FANR 4502S or FANR 4990R - Senior Project II or Thesis		3
Choose between Senior Project II or Senior Thesis. Students taking Senior Thesis must take at least 1 hour of 4990R, plus an additional three hours from 4960R, 4970R, 4980R, and/or 4990R across all terms		
FANR 4502S - Senior Project II		3
prereq	FANR 4501	
S:	VR	
F:	VR	
FANR 4990R - Senior Thesis		4
prereq	final semester; apply on Warnell website	
S:	VR	
F:	VR	
FANR 4800W - Policy		2
prereq	Economics and senior standing	
S:	03 MW	
Total Hours:		14



01	02	03	04	05	06	07	VR	CLASS PERIODS	TERMS	F	S	SU
8:00-9:35a	9:55-11:15a	11:35-12:55p	1:15p-2:35p	2:55p-4:15p	4:35p-5:55p	6:00p or later	various times			fall	spring	summer

IMPORTANT NOTES												
Actual class time will be within the period times listed but may be shorter. See course schedule for actual times. All non-Warnell class times are based on pre-2026 times and will likely change.												

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Pre-requisites and class times for non-Warnell courses are subject to change without notice.

WARNING: Do not take GEOG 4370, which repeats material in FANR 3800 & 3800L.

GIS Certificate: students with a 3.0 or higher GPA in the following can receive the GIS certificate: FANR 3800 & 3800L, 5620, GEOG 4590, and GEOG 4350 or 4460 (remote-sensing option)

Major hours needed to graduate: 60

Elective Options		Hours
Remote-Sensing Option		
Choose 1 course (3+ hrs); GEOG 4460 is also approved but not offered consistently		
GEOG 4350 - Remote Sensing of Environment		3
prereq	GEOG 4330	
F:	01-03 T 01-03 R	
GEOG 4460 - Field Methods Remote Sensing		3
prereq	GEOG 4350	
F:	04-05 W	
GIS Geospatial Electives		
10 hours required		
FANR 5620 - GIS Applications		3
prereq	FANR 3800+L	
S:	02 TR 03 TR	
FANR 5640 - Unmanned Aerial Sys in NR		3
prereq	FANR 3800+L	
S:	01 WF 05 M	
FORS 5650 - Aerial Photos		3
prereq	Second year student standing	
S:	01 MW 01 F	
FORS 7670 - Forestry Information Systems		3
even years F:	03 MW	
WASR 4500 - Quantitative Methods/Hydrol.		3
prereq	ENVE 4435 or FANR 3060 or WASR 4110 or GEOL 4220 or GEOG 4030 or CRSS 4600	
F:	02 TR	
ATSC 4140 - Satellite Meteor and Climatol		3
prereq	GEOG 1111 or 1112	
F:	03-04 TR	
CRSS 4050 - Nut Energy Eff GIS		4
pre or coreq	CRSS 3030	
F:	03-04 TR	
ECOL 4450 - Spatial Ecology		3
prereq	ECOL 3500 and (STAT 2000 or BIOS 2010)	
F:	03 W 03-04 F	
EDES 4270 - GIS in Env Design		3
F:	04-06 TR	
EDES 4280E - Environmental Design Uses GIS		3
SU:	VR	
ENGR 4930 - Small Satellites		3
S:	01-03 F	
GEOG 4330 - Ap Image Interp Lab		3
F:	01-02 MW 01-02 F	
GEOG 4370 - Geographic Info Science Lab		3
prereq	Sophomore standing	
S:	01-02 MW 03-04 M; 03-04 W	
F:	02-03 W 02-03 F; 03-04 W	
GEOG 4370E - Introduction to GIS		3
SU:	1st session: VR	
GEOG 4410 - Cartog Visualization Methods		3
S:	04-05 T 05-06 T	
GEOG 4450 - Dig Image Analysis		3

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prereq	GEOG 4350	
	S: 01-02 TR	
	GEOG 4460 - Field Methods Remote Sensing	3
prereq	GEOG 4350	
	F: 04-05 W	
	GEOG 4470 - Geospat Analy Lab	3
prereq	Statistics and GEOG 4370	
	S: 04 MW 05 MW	
	GEOG 4571 - GIS for Health and Environment	3
pre or coreq	GEOG 4370	
	S: 04-05 T 05-06 T	
	GEOG 4591 - Introduction to Geo AI	-
prereq	CSCI 1301 or 1360 or GEOG 4590	
	F: 02-03 TR	
	GEOG 4592 - Advanced Geo AI	3
prereq	GEOG 4591	
	S: 05-06 TR	
GIS Natural Resources Electives		
10 hours required		
	FANR 4271 - People Planet and Profit	1-9
prereq	Apply through the StudyAway portal	
	SU: VR	
	FISH 4200 - Aquatic Biology	4
prereq	Biology II	
	F: 03 TR 04-06 R	
	FISH 4310 - Freshwater Ecosystems	4
prereq	Ecology	
	F: 01-02 MWF 04-06 W	
	FORS 3010 - Dendro	3
prereq	Biology II	
	S: 02 TR 04-06 R; 04-06 T; 04-06 W	
	F: 03 TR 04-06 R; 04-06 T; 04-06 W	
	FORS 4270 - Smokies	3
prereq	Apply through dfs.uga.edu	
	F: VR	
	FORS 4700 - Forest Econ	3
prereq	Second-year class standing	
	F: 03 TR 05-06 F	
	PRTM 3310 - Humans Nature Environ Aware	3
prereq	Enrollment in Warnell prof program	
	F: 07 TR	
	PRTM 4400 - Park Management	3
prereq	Enrollment in Prof Program and (FANR 1100, 3400, or PRTM 3310)	
	S: 03 TR	
	PRTM 5410 - Stewardship & Protection	3
prereq	FANR 3400 or PRTM 3310	
	S: 06-07 T VR	
	WASR 3900 - WASR Internship	1
prereq	apply before internship through Warnell site	
	SU: VR	
	SU: VR	
	SU: VR	

	WASR 4110 - Forest Hydrology	4
prereq	ENVE 4435 or FANR 3060 or GEOL 4220 or GEOG 4030 or ECOL 3520 or CRSS 3050 or CRSS 4600	
	S: 01 MWF 04-06 T	
	WILD 3000W - Intro to Fish and Wildlife	2
prereq	Biology II	
	F: 01 TR	
	WILD 4100 - Wildlife Habitat	3
pre or coreq	Ecology & (WILD 1100E or 3000W)	
	F: 02 TR 04-06 F	
	WILD 4400 - Physiology & Nutrition	3
pre or coreq	WILD(FISH) 3000W or WILD 1100E	
odd years	S: 02 TR	
	WILD 4740 - Animal Behavior	3
prereq	Biology II	
	F: 03 MWF	
	WILD 5700 - Pop Dy	3
prereq	Precalculus and Ecology	
	F: 02 MW 04-06 W	



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