

Natural Resource Management and Sustainability (Water and Soil Resources) - Fall 2022 to Spring 2023 - Transition

Spring Entry - Spring 2023

Spring 2023		Hours
FANR 3000 - Field Methods		4
prereq Enrollment in Warnell prof program		
S:	03 MW 06-09 M, 07-08 F; 74-76 T, 07-08 F	
F:	72 TR 06-09 M, 07-08 F; 74-76 T, 07-08 F	
FANR 3060 - Soils & Hydrology		4
prereq Chemistry I		
S:	04 MWF 06-07 W; 08-09 W; 71-72 R; 73-74 R; 75-76 R	
F:	04 MWF 06-07 W; 08-09 W; 71-72 R; 73-74 R; 75-76 R	
FANR 3300 and 3400 - Economics & Society		4
3300+D - first half of term; 3400+D - last half		
FANR 3300 - Economics		2
S:	73 TR 05-06 F	
F:	03 MW 02-03 F	
FANR 3400 - Society		2
S:	73 TR 05-06 F	
F:	03 MW 02-03 F	
WASR Required Option, Elective, or Physics		3
S:	VR	
Total Hours:		15



Fall 2023		Hours
FANR 3200W - Ecology		4
prereq Biology II		
S:	71 TR 75-76 R; 75-76 T	
F:	03 MWF 06-09 F; 06-09 M	
FANR 3800 - Spatial Analysis		3
pre or coreq FANR 3000, FORS 4050, PRTM 4700, or WILD 4110		
S:	05 MW 06-09 W; 74-77 R	
F:	01 MW 06-09 W; 75-77 R	
WASR Required Option, Elective, or Physics		3
F:	VR	
WASR Required Option, Elective, or Physics		3
F:	VR	
WASR Required Option, Elective, or Physics		4
F:	VR	
Total Hours:		17



Spring 2024		Hours
CRSS 4670 - Environmental Soil Chemistry		3
prereq CRSS 3060 or FANR 3060		
S:	72 TR	
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 75-76 T	
FANR 4501 or FANR 4960/4970/4980R - Senior Project I or Research		1
FANR 4501 - Senior Project I		1
pre or coreq FANR 3300, FORS 4700, FISH 4300, or WILD 4100		
S:	71 T	
F:	01 F	
FANR 4800W - Policy		2
prereq Economics and senior standing		
S:	03 MW	
WASR Required Option, Elective, or Physics		3
S:	VR	
WASR Required Option, Elective, or Physics		3
S:	VR	
Total Hours:		16



Fall 2024		Hours
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	
WASR Required Option, Elective, or Physics		3
F:	VR	
WASR Required Option, Elective, or Physics		3
F:	VR	
WASR Required Option, Elective, or Physics		3
F:	VR	
Total Hours:		12



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

Major hours needed to graduate: 60

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

Saturday, June 10, 2023

TERMS	F	S	SU
	fall	spring	summer

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Elective Options		Hours
PHYS 1111 - Introductory Physics I		
Choose one Physics I course (4+ hours)		
PHYS 1111 - Intro Physics Mechanic		4
prereq	Precalculus	
S: 04 MWF; 05 MWF; 72 TR	01-02 F; 01-02 M; 01-02 W; 03-04 F; 03-04 M; 07-08 M; 07-08 W; 09-10 W; 11-13 M; 71-72 R; 71-72 T; 73-74 R; 73-74 T; 75-76 T	
SU: 02 MTWRF	05-06 MW; 74-75 TR	
F: 05 MWF; 06 MWF; 08 MWF; 73 TR	01-02 F; 01-02 W; 03-04 M; 03-04 W; 09-10 W; 71-72 R; 71-72 T; 75-76 T; 77-78 R; 77-78 T	
PHYS 1211 - Prin Physics for Scie Engr La		4
prereq	Calculus	
S: 07 MWF; 73 TR; 75 TR	03-04 W; 05-06 M; 77-78 R; 77-78 T	
SU: 04-05 MTWRF	07-09 MW	
F: 02 MWF; 03 MWF; 04 MWF; 07 MWF	05-06 M; 05-06 W; 09-10 M; 71-72 R; 74-75 R	
PHYS 1311 - Adv Introductory Physics I La		4
prereq	MATH 2250; pre or coreq: MATH 2260	
S: 72 TR	09-10 M	
Required Option #1 (choose 2)		
Choose two courses (6+ hours total)		
WASR 4500 - Quantitative Methods/Hydrol.		3
prereq	ENVE 4435 or FANR 3060 or WASR 4110 or GEOL 4220 or GEOG 4030 or CRSS 4600	
S: 02 MWF		
F: 72 TR		
CRSS 4600 - Soil Physics		4
prereq	FANR 3060 and Calculus and Physics I	
S: 04 MWF	74-75 R	
GEOL 4220 - Hydrogeology		3
F: 74 TR		
Required Option #2		
Choose one course (3+ hours)		
CRSS 4540 - Pedology		3
prereq	FANR 3060	
S: 03 WF	06-08 M	
GEOG 3010 - General Geomorphology		3
F: 73 TR		
Required Option #3		
Choose one course (3+ hours)		
FISH 4310 - Freshwater Ecosystems		4
prereq	Ecology	
F: 02 MWF	06-08 M	
CRSS 4610 - Soil Microbiology		3
F: 02 MW	06-07 F	
EHSC 4310 - Environmental Microbiology		4
prereq	MIBO 3000 or 3500	
S: 72 TR	06-08 M; 06-08 W	
Computer Programming Elective		
Choose one course (3+ hours)		
FANR 3700 - Nat Res Data Processing		3

prereq	Statistics	
S: 05 MWF		
PBIO 4700 - Computational Plant Science		3
pre or coreq	STAT 2000 or BIOS 2010	
S: 04-06 W		
CSCI 1301 - Intro Computing and Program		4
prereq	Precalculus	
S: 72 TR; 73 TR; 75 TR; 76 TR	01 MW; 02 MW; 03 MW; 04 MW; 05 MW; 06 MW; 07 MW; 08 MW; 72 TR; 73 TR; 75 TR; 76 TR	
SU: 03 MT, 04 MTW	05 MWF; 06 MWF	
F: 71 TR; 72 TR; 73 TR; 74 TR; 75 TR; 76 TR	01 MW; 02 MW; 03 MW; 04 MW; 05 MW; 06 MW; 07 MW; 08 MW; 71 TR; 72 TR; 73 TR; 74 TR; 75 TR; 76 TR; 77 TR	
CSCI 1360 - Informatics & Data Analytics		4
prereq	Precalculus	
F: 73 TR, 04 M		
CSCI 1360E - Foundations of Informatics		4
prereq	Precalculus	
SU: VR		
CSCI 2150 - Computational Science		4
prereq	Precalculus	
odd years S: 72 TR; 76 TR	08 MW; 72 TR; 73 TR; 74 TR	
WASR Electives		
Choose 9 hours with your faculty mentor		
COFA 5301 - Comm Urban Soils Site Develop		4
prereq	FANR 3060 and COFA 5001	
S: 02 MWF	06-08 W	
FANR 5950 - Special Topics in FANR		1-4
prereq	open enrollment or permission of instructor, depending on topic	
S: VR		
S: VR		
S: VR		
F: VR		
F: VR		
FISH 4310 - Freshwater Ecosystems		4
prereq	Ecology	
F: 02 MWF	06-08 M	
FORS 3010 - Dendro		3
prereq	Biology II	
S: 72 TR	06-09 W; 74-76 R; 74-76 T	
F: 73 TR	06-09 W; 74-76 R; 74-76 T	
WASR 3900 - WASR Internship		3
prereq	apply before internship through Warnell site	
S: VR		
F: VR		
WASR 4000 - Forest Soil Management		3
prereq	CRSS 3050 or FANR 3060	
odd years S: 71 TR	75-76 R	
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	75-76 T	
WASR 4400 - Wetlands		3

01	02	03	04	05	06	07	08	09	10	11	12	13
8:00-8:50a	9:10-10:00a	10:20-11:10a	11:30a-12:20p	12:40-1:30p	1:50-2:40p	3:00-3:50p	4:10-5:00p	5:20-6:10p	6:30-7:20p	6:50-7:40p	7:55-8:45p	9:00-9:50p
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prereq	WASR 1020, FANR 3060, or Ecology	
odd years	S: 04 MW	06-08 W
	WASR 4500 - Quantitative Methods/Hydrol.	3
prereq	ENVE 4435 or FANR 3060 or WASR 4110 or GEOL 4220 or GEOG 4030 or CRSS 4600	
	S: 02 MWF	
	F: 72 TR	
	WASR 4660 - Envir Field Site Characteriz	3
prereq	Chemistry II and FANR 3060	
	S: 06-08 WF	
	WASR 4700L - Hydrology Field Study	3
prereq	Permission of instructor	
	SU: May: VR	
	CRSS 2010 - Crop Science	3
	VR	
	CRSS 3540 - Soil Morphology and Interpret	1-3
prereq	Permission of department	
	VR	
	CRSS 4540 - Pedology	3
prereq	FANR 3060	
	S: 03 WF	06-08 M
	CRSS 4580 - Erosion and Conserv	3
prereq	FANR 3060	
	VR	
	CRSS 4600 - Soil Physics	4
prereq	FANR 3060 and Calculus and Physics I	
	S: 04 MWF	74-75 R
	CRSS 4610 - Soil Microbiology	3
	F: 02 MW	06-07 F
	EHSC 4310 - Environmental Microbiology	4
prereq	MIBO 3000 or 3500	
	S: 72 TR	06-08 M; 06-08 W
	EHSC 4350 - Environmental Chemistry Lab	3
pre or coreq	Statistics	
	S: 07 MW	02-04 M; 08-10 M
	F: 07 MW	08-10 M; 08-10 W
	EHSC 4490 - Environ Toxicology	3
prereq	CHEM 2211 and Biology II	
	F: 73 TR	
	GEOG 3010 - General Geomorphology	3
	F: 73 TR	
	GEOG 4300 - Intro Spatial Analy	3
	F: 74 TR	
	GEOG 4330 - Ap Image Interp Lab	3
	F: 02 MW	02 F
	GEOG 4350 - Remote Sensing of Environment	3
prereq	GEOG 4330	
	F: 72 T	72 R
	GEOL 3010 - Earth Materials Lab	4
prereq	Chemistry I	
	F: 05 MW	06-08 MW
	GEOL 3020 - Surficial Near-Surf Proc Lab	4
prereq	GEOL 1121 or 1250; pre or co: GEOL 1122 or 1260	

F: 72 TR 75-77 T

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