

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

Spring Entry - Spring 2023

| 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

| Elective Options | Hours |
|--|-------|
| Computer Programming Elective | |
| Choose one course (3+ hours) | |
| FANR 3700 - Nat Res Data Processing | 3 |
| prereq Statistics | |
| S: 05 MWF | |
| CSCI 1301 - Intro Computing and Program | 4 |
| prereq Precalculus | |
| S: 72 TR; 73 TR; 02 MW; 03 MW; 04 MW; 05 MW; 06 MW; 74 TR; 75 TR 09 MW; 72 TR; 74 TR; 75 TR; 76 TR | |
| SU: 03 MT, 04 MTW 05 MWF; 06 MWF | |
| F: 71 TR; 72 TR; 02 MW; 03 MW; 04 MW; 05 MW; 06 MW; 73 TR; 74 TR; 07 MW; 08 MW; 72 TR; 73 TR; 74 TR; 75 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 | 3 |
| prereq open enrollment or permission of instructor, depending on topic | |
| S: VR | |
| S: VR | |
| SU: 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 | 4 |
| prereq CRSS 3050 or FANR 3060 | |
| even years F: 73 TR 06-08 F | |
| 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 - Wetland Mgmt and Restoration | 3 |
| prereq WASR 1020, FANR 3060, or Ecology | |

| 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 | | |

| TERMS | F | S | SU |
|-------|------|--------|--------|
| | fall | spring | summer |

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Spring Entry - Spring 2023

| | | |
|--------------|--|---------------------------|
| 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 | 05-08 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 | 06-08 F; 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: | 76 TR | |
| | GEOG 4330 - Ap Image Interp Lab | 3 |
| F: | 02 MW | 02-03 F |
| | GEOG 4350 - Remote Sensing of Environment | 3 |
| prereq | GEOG 4330 | |
| F: | 72-73 T | 72-73 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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Major hours needed to graduate: 60

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| 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | VR | CLASS PERIODS | |
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Friday, June 28, 2024

| TERMS | F | S | SU |
|-------|------|--------|--------|
| | fall | spring | summer |