### Spring Entry - Spring 2023

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
<th>Prerequisite</th>
<th>Days and Times</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Fall 2023</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>FANR 3000</strong> - Field Methods</td>
<td></td>
<td>4</td>
<td>Enrollment in Warnell prof program</td>
<td>S: 03 MW 06-09 M, 07-08 F; 74-76 T, 07-08 F</td>
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<tr>
<td><strong>FANR 3060</strong> - Soils &amp; Hydrology</td>
<td></td>
<td>4</td>
<td>Chemistry I</td>
<td>S: 04 MWF 06-07 W; 08-09 W; 71-72 R; 73-74 R; 75-76 R</td>
</tr>
<tr>
<td><strong>FANR 3300 and 3400</strong> - Economics &amp; Society</td>
<td></td>
<td>4</td>
<td>First half of term: 3300+D; last half: 3400+D</td>
<td>S: 73 TR 05-06 F</td>
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<tr>
<td>WASR Required Option, Elective, or Physics</td>
<td></td>
<td>3</td>
<td></td>
<td>S: VR</td>
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<tr>
<td><strong>Total Hours:</strong></td>
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<td></td>
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<tr>
<td><strong>Fall 2024</strong></td>
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<td></td>
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<tr>
<td><strong>FANR 3200W</strong> - Ecology</td>
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<td>4</td>
<td>Biology II</td>
<td>S: 71 TR 75-76 R; 75-76 T</td>
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<tr>
<td><strong>FANR 3800</strong> - Spatial Analysis</td>
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<td>3</td>
<td>FANR 3000, FORS 4050, PRTM 4700, or WILD 4110</td>
<td>S: 05 MW 06-09 W; 74-77 R</td>
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<tr>
<td>WASR Required Option, Elective, or Physics</td>
<td></td>
<td>3</td>
<td></td>
<td>F: VR</td>
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<td>F: VR</td>
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<td>F: VR</td>
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<td><strong>Total Hours:</strong></td>
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<tr>
<td><strong>Spring 2024</strong></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td><strong>FANR 4501 or FANR 4960/4970/4980R</strong> - Senior Project I or Research</td>
<td></td>
<td>1</td>
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<tr>
<td><strong>FANR 4501</strong> - Senior Project I</td>
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<td>1</td>
<td>Pre or coreq FANR 3300, FORS 4700, FISH 4300, or WILD 4100</td>
<td>S: 71 T</td>
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<tr>
<td><strong>FANR 4800W</strong> - Policy</td>
<td></td>
<td>2</td>
<td>Economics and senior standing</td>
<td>S: 03 MW</td>
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<tr>
<td>WASR Required Option, Elective, or Physics</td>
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<td>S: VR</td>
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<tr>
<td>WASR Required Option, Elective, or Physics</td>
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<td>3</td>
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<td>S: VR</td>
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<td><strong>Total Hours:</strong></td>
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### Fall 2024

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
<th>Prerequisite</th>
<th>Days and Times</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FANR 4502S or FANR 4990R</strong> - Senior Project II or Thesis</td>
<td></td>
<td>3</td>
<td></td>
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<tr>
<td><strong>FANR 4502S</strong> - Senior Project II</td>
<td></td>
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<td>Pre or coreq FANR 4501</td>
<td>S: VR</td>
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<tr>
<td><strong>FANR 4990R</strong> - Senior Thesis</td>
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<td>S: VR</td>
</tr>
<tr>
<td>WASR Required Option, Elective, or Physics</td>
<td></td>
<td>3</td>
<td></td>
<td>F: VR</td>
</tr>
<tr>
<td>WASR Required Option, Elective, or Physics</td>
<td></td>
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<td></td>
<td>F: VR</td>
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<tr>
<td>WASR Required Option, Elective, or Physics</td>
<td></td>
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<td></td>
<td>F: VR</td>
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<tr>
<td><strong>Total Hours:</strong></td>
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Pre-requisites and class times for non-Warnell courses are subject to change without notice.

Major hours needed to graduate: 60

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Saturday, June 10, 2023
## Elective Options

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS 1111 - Introductory Physics I</td>
<td>Choose one Physics I course (4+ hours)</td>
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</tr>
<tr>
<td>PHYS 1111 - Intro Physics Mechanic</td>
<td>4</td>
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</tr>
<tr>
<td>PHYS 1211 - Principles of Physics for Engineering Laboratories</td>
<td>4</td>
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### Elective Options

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>WASR 4500 - Quantitative Methods/Hydrology</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>ENVE 4435 or FANR 3060 or WASR 4110 or GEOL 4220 or GEOG 4030 or CRSS 4600</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>CRSS 4600 - Soil Physics</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>FANR 3060 and Calculus and Physics I</td>
<td>4</td>
<td></td>
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<tr>
<td>GEOL 4220 - Hydrogeology</td>
<td>3</td>
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</table>

### Required Option #1 (Choose 2)

Choose two courses (6+ hours total)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>WASR 5900 - Geospatial Analysis</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>FANR 3700 - Natural Resources Data Processing</td>
<td>3</td>
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### Required Option #2

Choose one course (3+ hours)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
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<tbody>
<tr>
<td>FANR 3060</td>
<td>Pedology</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 4010 - General Geomorphology</td>
<td>3</td>
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### Required Option #3

Choose one course (3+ hours)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>FISH 4310 - Freshwater Ecosystems</td>
<td>4</td>
<td></td>
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<tr>
<td>MIBO 3000 or 3500</td>
<td>Environmental Microbiology</td>
<td>4</td>
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</tbody>
</table>

### Computer Programming Elective

Choose one course (3+ hours)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>FANR 3700 - Natural Resources Data Processing</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

### Pre-requisite Statistics

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PBIO 4700 - Computational Plant Science</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>FANR 5950 - Special Topics in FANR</td>
<td>1-4</td>
<td></td>
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</table>

### Required Option #2

Choose 9 hours with your faculty mentor

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>COFA 5301 - Comm Urban Soils Site Develop</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>FANR 5950 - Special Topics in FANR</td>
<td>1-4</td>
<td></td>
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</tbody>
</table>

### Required Option #3

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>FANR 3060 or COFA 5001</td>
<td>2 MWF</td>
<td>06-08 W</td>
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### FIS Management

Choose 12 hours with your faculty mentor

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>WASR 4110 - Forest Hydrology</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>CRSS 3050 or FANR 3060</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

### Computer Programming Elective

Choose one course (3+ hours)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>FANR 3700 - Natural Resources Data Processing</td>
<td>3</td>
<td></td>
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</tbody>
</table>
### Spring Entry - Spring 2023

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Prerequisites</th>
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<tbody>
<tr>
<td>WASR 4500 - Quantitative Methods/Hydrol.</td>
<td>3</td>
<td>WASR 1020, FANR 3060, or Ecology</td>
</tr>
<tr>
<td>WASR 4700L - Hydrology Field Study</td>
<td>3</td>
<td>Permission of instructor</td>
</tr>
<tr>
<td>CRSS 2010 - Crop Science</td>
<td>3</td>
<td>Permission of department</td>
</tr>
<tr>
<td>CRSS 3540 - Soil Morphology and Interpret</td>
<td>1-3</td>
<td>Pre or coreq Statistics</td>
</tr>
<tr>
<td>CRSS 4540 - Pedology</td>
<td>3</td>
<td>Pre or coreq Statistics</td>
</tr>
<tr>
<td>CRSS 4580 - Erosion and Conservation</td>
<td>3</td>
<td>Pre or coreq Statistics</td>
</tr>
<tr>
<td>CRSS 4600 - Soil Physics</td>
<td>4</td>
<td>MIBO 3000 or 3500</td>
</tr>
<tr>
<td>CRSS 4610 - Soil Microbiology</td>
<td>3</td>
<td>ENVE 4435 or FANR 3060 or WASR 4110 or GEOL 4220</td>
</tr>
<tr>
<td>EHSC 4310 - Environmental Microbiology</td>
<td>4</td>
<td>MIBO 3000 or 3500</td>
</tr>
<tr>
<td>EHSC 4350 - Environmental Chemistry Lab</td>
<td>3</td>
<td>Pre or coreq Statistics</td>
</tr>
<tr>
<td>CHEM 2211 and Biology II</td>
<td>3</td>
<td>Pre or coreq Statistics</td>
</tr>
<tr>
<td>GEOG 3010 - General Geomorphology</td>
<td>3</td>
<td>Pre or coreq CHEM 1121 or 1250; or GEO 1122 or</td>
</tr>
<tr>
<td>GEOG 4300 - Intro Spatial Analy</td>
<td>3</td>
<td>1260</td>
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<tr>
<td>GEOG 4330 - Ap Image Interp Lab</td>
<td>3</td>
<td>Pre or coreq GEOG 4300</td>
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<tr>
<td>GEOG 4350 - Remote Sensing of Environment</td>
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<td>Pre or coreq GEOG 4300</td>
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<tr>
<td>GEOL 3010 - Earth Materials Lab</td>
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<td>Pre or coreq GEOG 4300</td>
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<tr>
<td>GEOL 3020 - Surficial Near-Surf Proc Lab</td>
<td>4</td>
<td>Pre or coreq CHEM 1121 or 1250; or GEO 1122 or</td>
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</tbody>
</table>

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Major hours needed to graduate: 60