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<th>Codes</th>
<th>Fall</th>
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<td><strong>Intro courses (2 courses for ATOC major)</strong></td>
<td><strong>Core courses (3 courses for ATOC major)</strong></td>
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<td>ATOC 1060 Our Changing Environment</td>
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<td><strong>Fundamentals courses (3 courses for ATOC major)</strong></td>
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<td>ATOC 3070 Intro to Oceanography</td>
<td>ATOC 3050 Principle of Climate</td>
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<td>ATOC 3600 Principle of Climate</td>
<td>ATOC 3070 Intro to Oceanography (GEOL)</td>
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<td>ATOC 3500 Air Chemistry and Pollution</td>
<td>ATOC 3600 Principle of Climate (GEOG)</td>
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<td><strong>Upper-division electives (4 courses or 12 credits. 4900, 4950, &amp; 4990 credits apply to methods OR electives)</strong></td>
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<td>ATOC 4780 Synoptic Dynamic Meteorology</td>
<td>ATOC 4550 Mountain Meteorology</td>
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<td>ATOC 4900 Independent Study (1-3 credits)</td>
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<td>ATOC 4950 Honor Thesis (1-3 credits)</td>
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# Ocean Focus Sample Schedule

## Year 1

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<tr>
<th>Fall</th>
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<th>Code</th>
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<th>Hrs</th>
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<td>FYSM 1000 - 1st Yr. Seminar for ATOC</td>
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<td>APPM 1350 - Calc. 1 for Engineers</td>
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## Year 2

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<td>ATOC 3070 - Intro to Oceanography</td>
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<td>ATOC 3300 - Analysis of Wx &amp; Clim. Obs.</td>
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## Year 4

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<td>ATOC 4870 Climate Modeling Lab</td>
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<td>ATOC 4830 Field Observations Lab</td>
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Note that ATOC 4900 & 4950 can count as upper level elective (A-4E) or methods (A-4M) credits.

**Total Hours**: 123  
**ATOC Hours**: 48

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<tr>
<td>ATOC 4730 Physical Oceanogr. &amp; Climate</td>
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<td>ATOC 4200 Biogeochemical Oceanography</td>
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<td>ATOC 4820 Data Science Appl. Lab</td>
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<td>ATOC 4815 Scientific Programming</td>
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<td>ATOC 4500 Ice Sheet &amp; Climate Interactions</td>
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ATOC Hours: 48