OCEANOGRAPHY MINOR

https://ceps.unh.edu/earth-sciences/program/minor/oceanography

Description

The minor in oceanography is available to students interested in obtaining a broad background in oceanography. All courses in the program are selected in consultation with the oceanography minor adviser, Dr. Jamie Pringle, (603) 862-5000, jpringle@unh.edu. Students must complete an Intent to Minor form no later than their junior year. Forms can be picked up in the Earth Sciences departmental office, 214 James Hall.

Requirements

The minor consists of a minimum of five courses with grades of C (2.00) or better and no pass/fail courses. No more than 8 major requirement credits may be used.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>Required Courses</td>
<td></td>
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</tr>
<tr>
<td>ESCI 501</td>
<td>Introduction to Oceanography</td>
<td>4</td>
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<td>Select two of the following:</td>
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<tr>
<td>ESCI 752</td>
<td>Chemical Oceanography</td>
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<tr>
<td>ESCI 758</td>
<td>Introductory Physical Oceanography</td>
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<tr>
<td>ESCI 759</td>
<td>Geological Oceanography</td>
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<tr>
<td>MEFB 755</td>
<td>Biological Oceanography</td>
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Select two of the following: 1

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>MEFB 401</td>
<td>Marine Estuarine and Freshwater Biology Freshmen Seminar</td>
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<tr>
<td>MEFB 403</td>
<td>Investigative Marine Biology Laboratory</td>
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<tr>
<td>MEFB 503</td>
<td>Introduction to Marine Biology</td>
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<tr>
<td>MEFB 508</td>
<td>Marine Ecosystem Research and Management</td>
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<tr>
<td>MEFB 530</td>
<td>Evolution and Marine Diversity</td>
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<td>MEFB 535</td>
<td>Marine Mammal Biology</td>
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<td>MEFB 625</td>
<td>Introduction to Marine Botany</td>
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<tr>
<td>MEFB 674</td>
<td>Ecology and Marine Environment</td>
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<tr>
<td>MEFB 702</td>
<td>Sustainable Marine Fisheries</td>
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<tr>
<td>MEFB 725</td>
<td>Marine Ecology</td>
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<tr>
<td>MEFB 754</td>
<td>Anatomy and Function of Marine Vertebrates</td>
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<tr>
<td>CEE 722</td>
<td>Introduction to Marine Pollution and Control</td>
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<tr>
<td>ESCI 502</td>
<td>Beaches and Coasts</td>
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<tr>
<td>ESCI 514</td>
<td>Introduction to Climate</td>
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<tr>
<td>ESCI 701</td>
<td>Quantitative Methods in Earth Sciences</td>
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<tr>
<td>ESCI 720</td>
<td>Ocean Measurements Lab</td>
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<tr>
<td>ESCI 747</td>
<td>Aqueous Geochemistry</td>
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<tr>
<td>ESCI 754</td>
<td>Sedimentology</td>
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<tr>
<td>ESCI 756</td>
<td>Geotectonics</td>
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<tr>
<td>ESCI 766</td>
<td>Palaeoclimatology</td>
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<td>ESCI/OE 771</td>
<td>Geodesy and Positioning for Ocean Mapping</td>
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<tr>
<td>OE 490</td>
<td>Introduction to Ocean Engineering</td>
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<tr>
<td>OE 610</td>
<td>Ocean Instrumentation Lab</td>
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<tr>
<td>OE 753</td>
<td>Ocean Hydrodynamics</td>
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<tr>
<td>OE 754</td>
<td>Ocean Waves and Tides</td>
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<tr>
<td>OE 757</td>
<td>Coastal Engineering and Processes</td>
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<tr>
<td>TECH 797</td>
<td>Undergraduate Ocean Research Project</td>
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<tr>
<td>ZOOL 610</td>
<td>Principles of Aquaculture</td>
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<td>ZOOL 710</td>
<td>Sharks and Bony Fishes</td>
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<tr>
<td>MEFB 772</td>
<td>Fisheries Biology Conservation and Management</td>
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<td>MEFB 628</td>
<td>Marine Invertebrate Evolution and Ecology</td>
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<tr>
<td>MEFB 773</td>
<td>Physiology of Fishes</td>
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Total Credits at least 18

1 Or a suitable substitute approved by the minor advisor (at least one of these courses should be in the biological sciences).