Marine, Earth, and Atmospheric Sciences (MS)

Degree Requirements

Graduate programs are offered in Atmospheric Science, Earth Science, and Marine Science. Specific course requirements are determined by the advisory committee of each student.

Students can choose focus area tracks from the following:

- Atmospheric Science Track (p. 1)
- Earth Science Track (p. 1)
- Marine Science Track (p. 1)

Degrees earned will be distributed as: "Master of Science in Marine, Earth, and Atmospheric Sciences" without track specifications.

Atmospheric Science Track

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
<th>Counts towards</th>
</tr>
</thead>
<tbody>
<tr>
<td>MEA 601</td>
<td>Seminar</td>
<td>1</td>
<td>1</td>
</tr>
</tbody>
</table>

Area of Focus Courses ¹

Courses in the "Area of Focus" are determined in conjunction with the academic committee

<table>
<thead>
<tr>
<th>Code</th>
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<th>Hours</th>
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<tbody>
<tr>
<td></td>
<td>Courses in the &quot;Area of Focus&quot; are determined in conjunction with the academic committee</td>
<td>29</td>
<td>11</td>
</tr>
</tbody>
</table>

Total Hours 30

¹ MEA 601 Seminar is required of all thesis M.S. students no later than the third semester in residence.

Earth Science Track

<table>
<thead>
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<td>MEA 601</td>
<td>Seminar</td>
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Area of Focus Courses

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Total Hours 30

Marine Science Track

Within marine sciences the subdisciplines include:

- Biological Oceanography
- Chemical Oceanography
- Geological Oceanography
- Physical Oceanography

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<th>Code</th>
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<th>Hours</th>
<th>Counts towards</th>
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<tbody>
<tr>
<td>MEA 540</td>
<td>Principles of Physical Oceanography</td>
<td>12</td>
<td>12</td>
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Faculty

Viney Pal Aneja
DellWayne R. Bohnenstiehl
David B. Eggleston
David Paul Genereux
Peter Jeurgen Harries
Ruoying He
Gary M. Lackmann
Elana L. Leithold
Jay Frederick Levine
Jing-pu Liu
David A. McConnell
Nicholas Meskhidze
Helena Mitasova
Lewis Andrew Owen
Matthew David Parker
Markus Dirk Jan Petters
Walter A. Robinson
William J. Showers
Lian Xie
Sandra E. Yuter
Anantha Aiyyer
Paul Kevin Byrne
Joseph Rudek
Blake Schaeffer
Jenni Stanley
Robert Christopher Tacker
Susan White
Shaocai Yu
Yang Zhang