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>
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<tr>
<td></td>
<td><strong>Seminar Course</strong></td>
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<td></td>
<td>MEA 601 Seminar</td>
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<td><strong>Area of Focus Courses</strong></td>
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<td>Courses in the &quot;Area of Focus&quot; are determined in conjunction with the academic committee</td>
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<td><strong>Total Hours</strong></td>
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1 MEA 601 Seminar is required of all thesis M.S. students no later than the third semester in residence.

### Earth Science Track

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### Marine Science Track

Within marine sciences the subdisciplines include:

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

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<td><strong>Core Courses</strong></td>
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<td>MEA 540 Principles of Physical Oceanography</td>
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**Faculty**

- Viney Pal Aneja
- DellWayne R. Bohnenstiehl
- David B. Eggleston
- David Paul Genereux
- Peter Jeurgen Harries
- Ruoying He
- David Kimmel
- 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
- John Peters
- Markus Dirk Jan Petters
- Zhen Qu
- Walter A. Robinson
- William J. Showers
- Lian Xie
Sharon Phillips
Brandon Puckett
S. Trivikrama Rao
Joseph Rudek
Blake Schaeffer
Jenni Stanley
Robert Christopher Tacker
Susan White
Shaocai Yu
Yang Zhang
Yin San Zhang