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>
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<th>Title</th>
<th>Hours</th>
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Courses in the "Area of Focus" are determined in conjunction with the academic committee

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

| Total Hours | 30 |

### Marine Science Track

Within marine sciences the subdisciplines include:

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

<table>
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<td>MEA 540</td>
<td>Principles of Physical Oceanography</td>
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MEA 549 Principles of Biological Oceanography

MEA 570 Geological Oceanography

MEA 573 Principles of Chemical Oceanography

### Seminar Course 1

| MEA 601 Seminar | 1 |

### Area of Focus Courses 11

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

### Courses Outside Area of Focus 6

“Courses Outside Area of Focus” are determined in conjunction with the academic committee

| Total Hours | 30 |

### Faculty

Viney Pal Aneja
DellWayne R. Bohnenstiehl
Adam Curry
David B. Eggleston
David Paul Genereux
Timothy Glotfelty
Peter Jeurgen Harries
Ruoying He
David Kimmel
Gary M. Lackmann
Elana L. Leithold
Jay Frederick Levine
Jing-pu Liu
David A. McConnell
Kayleen McMonigal
Nicholas Meskhidze
Helena Mitasova
Lewis Andrew Owen
Matthew David Parker
John Peters
Markus Dirk Jan Petters
Zhen Qu