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>
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<td>SEM</td>
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<td>1</td>
<td></td>
</tr>
<tr>
<td>MEA</td>
<td>601 Seminar</td>
<td></td>
<td></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>Hours</th>
<th>Counts towards</th>
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<tbody>
<tr>
<td>29</td>
<td></td>
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</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>
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<td></td>
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<tr>
<td>MEA</td>
<td>601 Seminar</td>
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Area of Focus Courses

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<table>
<thead>
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<td>29</td>
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</table>

Total Hours 30

Marine Science Track

Within marine sciences the subdisciplines include:

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

<table>
<thead>
<tr>
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<tr>
<td>MEA</td>
<td>540 Principles of Physical Oceanography</td>
<td>12</td>
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</table>
Christopher Lee Osburn  
Astrid Schnetzer  
Karl William Wegmann  
Carli Arendt  
Stuart Bishop  
Magdalena Alyssa Ellis Curry  
Catherine Van Wie Davis  
Lily Hughes  
Ethan Gordon Hyland  
Sarah Larson  
Ryan William Paerl  
Andres Camilo Rey Sanchez  
Arianna Soldati  
Otis B. Brown  
Curtis Congreve  
Brian K. Eder  
Elisabeth Streit Falk  
Kenneth E. Kunkel  
Roberto Javier Mera  
Carrie J. Thomas  
Joseph Brendan Zambon  
Fredrick Semazzi  
Charles Ernest Knowles  
Satya Pal Singh Arya  
Jerry M. Davis  
David John DeMaster  
Ronald Victor Fodor  
John Crothers Fountain  
James Patrick Hibbard  
Thomas Sawyer Hopkins  
Daniel Kamykowski  
Leonard J. Langfelder  
Leonard J. Pietrafesa  
Sethu Raman  
Allen J. Riordan  
Dale A Russell  
Ping-Tung Shaw  
Edward F. Stoddard  
Charles W. Welby  
Donna Lee Wolcott  
Thomas G. Wolcott  
William Howard Battye  
Geoffrey Weszely Bell  
Scott Anthony Braun  
Michael Brennan  
Subrahmanyam Bulusu  
Brian A. Colle  
Jeffrey Cunningham  
Johannes Michael Leopold Dahl  
Kathie Dello  
David R. Easterling  
Scott Howard Ensign  
Troy Gilmore  
Peter Hamilton  
Russel S. Harmon  
Barron Halton Henderson  
Nam-Young Kang  
David E. Kingsmill  
Branko Kosovic  
Emlyn Howard Koster  
Benjamin Kravitz  
Nicole Deneault LaDue  
Romuald Lipcius  
Huiqing Liu  
David Mechem  
Siddhartha Mitra  
Maria Janeth Molina  
Andrew Newell  
Lester Perry  
Sharon Phillips  
Brandon Puckett  
S. Trivikrama Rao
Joseph Rudek
Blake Schaeffer
Jenni Stanley
Robert Christopher Tacker
Susan White
Shaocai Yu
Yang Zhang