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

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<th>Code</th>
<th>Title</th>
<th>Hours</th>
<th>Counts towards</th>
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<tbody>
<tr>
<td>MEA 601</td>
<td>Seminar</td>
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<td>Area of Focus Courses</td>
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<td>Courses in the “Area of Focus” are determined in conjunction with the academic committee</td>
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<td>Total Hours</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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<tr>
<td>MEA 601</td>
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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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<tr>
<td>MEA 540</td>
<td>Principles of Physical Oceanography</td>
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</table>
Associate Professors
Anantha Aiyyer
Paul Kevin Byrne
Christopher Lee Osburn
Astrid Schnetzer
Karl William Wegmann

Assistant Professors
Carli Arendt
Stuart Bishop
Magdalena Alyssa Ellis Curry
Catherine Van Wie Davis
Ethan Gordon Hyland
Sarah Larson
Ryan William Paerl
Andres Camilo Rey Sanchez
Arianna Soldati

Practice/Research/Teaching Professors
Otis B. Brown
Curtis Congreve
Brian K. Eder
Elisabeth Streit Falk
Kenneth E. Kunkel
Roberto Javier Mera
Carrie J. Thomas
Joseph Brendan Zambon

Emeritus Faculty
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

Adjunct Faculty
William Howard Battye
Geoffrey Weszely Bell
Scott Anthony Braun
Michael Brennan
Subrahmanam 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
Huiqing Liu
David Mechem
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