

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

Code	Title	Hours
Seminar Course		1
MEA 601	Seminar	
Area of Focus Courses ¹		29
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

Code	Title	Hours
Seminar Course ¹		1
MEA 601	Seminar	
Area of Focus Courses		29
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

Code	Title	Hours
Core Courses		12
MEA 540	Principles of Physical Oceanography	
MEA 549	Principles of Biological Oceanography	
MEA 570	Geological Oceanography	

MEA 573	Principles of Chemical Oceanography	
Seminar Course ¹		1
MEA 601	Seminar	
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

DelWayne R. Bohnenstiehl

Curtis Raymond Congreve

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Nicholas Dygert

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James Morley

David Nolan

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Matthew David Parker

John Peters

Markus Dirk Jan Petters

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Robert Ross

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Sandra E. Yuter

Anantha Aiyer

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Christopher Lee Osburn

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Carli Arendt

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Charles Ernest Knowles

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Jerry M. Davis

David John DeMaster

John Crothers Fountain

James Patrick Hibbard

Thomas Sawyer Hopkins

Leonard J. Pietrafesa

Sethu Raman

Allen J. Riordan

Dale A Russell

Ping-Tung Shaw

Edward F. Stoddard

Donna Lee Wolcott

Thomas G. Wolcott

William Howard Battye

Geoffrey Weszely Bell

Scott Anthony Braun

Michael Brennan

Subrahmanyam Bulusu

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Jeffrey Cunningham

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Branko Kosovic

Emlyn Howard Koster

Benjamin Kravitz

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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

Yin San Zhang

Xiangdong Zhang