

Marine, Earth, and Atmospheric Sciences (PhD)

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.

Degrees earned will be distributed as: "Doctor of Philosophy in Marine, Earth, and Atmospheric Sciences" without track specifications.

Marine Science Track

Within marine sciences the subdisciplines include:

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

Code	Title	Hours
Core Courses ¹		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 ²		1
MEA 801	Seminar	
Area of Focus Courses		50
Courses in the "Area of Focus" are determined in conjunction with the academic committee		
Courses Outside Area of Focus		9
"Courses Outside Area of Focus" are determined in conjunction with the academic committee		
Total Hours		72

Earth Science Track

Code	Title	Hours
Seminar Course ²		1
MEA 801	Seminar	
Area of Focus Courses		71
Courses in the "Area of Focus" are determined in conjunction with the academic committee		
Total Hours		72

Atmospheric Science Track

Code	Title	Hours
Seminar Course ²		1
MEA 801	Seminar	
Area of Focus Courses ¹		71

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

Total Hours **72**

¹ Marine science students are required to take core courses in all three subdisciplines other than their own; this requirement may be fulfilled at the M.S. level.

² MEA 801 is required of all Ph.D. students no later than the fourth semester in residence.

Faculty

Viney Pal Aneja

DelWayne R. Bohnenstiehl

Curtis Raymond Congreve

Adam Curry

Nicholas Dygert

David B. Eggleston

David Paul Genereux

Timothy Glotfelty

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Gary M. Lackmann

Elana L. Leithold

Jay Frederick Levine

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David A. McConnell

Kay McMonigal

Nicholas Meskhidze

Helena Mitasova

James Morley

David Nolan

Lewis Andrew Owen

Matthew David Parker

John Peters

Markus Dirk Jan Petters

Zhen Qu

Walter A. Robinson

Robert Ross

William J. Showers

Lian Xie

Sandra E. Yuter

Anantha Aiyer

Paul Kevin Byrne

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Astrid Schnetzer

Karl William Wegmann

Carli Arendt

Stuart Bishop

Magdalena Alyssa Ellis Curry

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Lily Hughes

Ethan Gordon Hyland

Sarah Larson

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Joseph Brendan Zambon

Fredrick Semazzi

Charles Ernest Knowles

Satya Pal Singh Arya

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

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

Yin San Zhang

Xiangdong Zhang