

# Marine, Earth and Atmospheric Sciences

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Graduate programs are offered in Atmospheric Science, Earth Science, and Marine Science. Within marine sciences the subdisciplines include: biological, chemical, geological and physical oceanography.

## Master's Degree Requirements

The M.S. degree requires a minimum of 30 credit hours. Specific course requirements are determined by the advisory committee of each student. However, MEA 601 Seminar is required of all thesis M.S. students no later than the third semester in residence. Marine science students are required to take core courses in two of the three subdisciplines other than their own.

## Doctoral Degree Requirements

Specific courses are determined by the student's advisory committee. Registration in seminar, MEA 801, is required of all Ph.D. students no later than the fourth semester in residence. 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.

## Student Financial Support

Research and teaching assistantships are available.

## Other Relevant Information

Students are assigned initial advisors upon admission. It is the student's responsibility to secure the consent of a faculty member to serve as the permanent advisor who will chair or co-chair the advisory committee.

Marine, Earth, and Atmospheric Sciences Program Website (<https://meas.sciences.ncsu.edu/graduate/>)

## Admission Requirements

A Bachelor's degree with research experience or a Master's degree is required for entry into the Ph.D. program. A Bachelor's degree in a science, mathematics or engineering is required for entry into the M.S. program in Atmospheric science, Earth Science, and Biological, Chemical, Geological or Physical Oceanography. Undergraduate field camp is required of all students in the M.S. program in earth science; this requirement may be fulfilled before or after admission. An M.S. degree with a non-thesis option for students is available and admission to this option must be requested at the time of application.

## Applicant Information

- **Delivery Method:** On-Campus
- **Entrance Exam:** None
- **Interview Required:** None

## Admission Deadlines

- **Fall:** June 25 (US); March 1 (Intl)
- **Spring:** November 25 (US); July 15 (Intl)

## Degrees

- Marine, Earth, and Atmospheric Sciences (MS) (<http://catalog.ncsu.edu/graduate/sciences/marine-earth-atmospheric-sciences/marine-earth-atmospheric-sciences-ms/>)
- Marine, Earth, and Atmospheric Sciences (PhD) (<http://catalog.ncsu.edu/graduate/sciences/marine-earth-atmospheric-sciences/marine-earth-atmospheric-sciences-phd/>)
- Marine, Earth, & Atmospheric Sciences (Minor) (<http://catalog.ncsu.edu/graduate/sciences/marine-earth-atmospheric-sciences/marine-earth-atmospheric-sciences-minor/>)
- Climate Adaptation (Certificate) (<http://catalog.ncsu.edu/graduate/sciences/marine-earth-atmospheric-sciences/climate-adaptation-certificate/>)

## Faculty

### Lecturers

Viney Pal Aneja

DelWayne R. Bohnenstiehl

Jason Cordeira

Adam Curry

Nicholas Dygert

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

Kay McMonigal

Nicholas Meskhidze

Helena Mitasova

Lewis Andrew Owen

Matthew David Parker

John Peters

Markus Dirk Jan Petters

Zhen Qu

Walter A. Robinson

William J. Showers

Lian Xie

Sandra E. Yuter

Anantha Aiyyer

Paul Kevin Byrne

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

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