

Marine, Earth and Atmospheric Sciences

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

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.

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.

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

Viney Pal Aneja

DelWayne R. Bohnenstiehl

David B. Eggleston

David Paul Genereux

Peter Jeurgan Harries

Ruoying He

Gary M. Lackmann

Elana L. Leithold

Jay Frederick Levine

Jing-pu Liu

David A. McConnell

Nicholas Meskhidze

Helena Mitasova

Lewis Andrew Owen

Matthew David Parker

Markus Dirk Jan Petters

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	Johannes Michael Leopold Dahl
Otis B. Brown	Kathie Dello
Curtis Congreve	David R. Easterling
Brian K. Eder	Scott Howard Ensign
Elisabeth Streit Falk	Troy Gilmore
Kenneth E. Kunkel	Peter Hamilton
Roberto Javier Mera	Russel S. Harmon
Carrie J. Thomas	Barron Halton Henderson
Joseph Brendan Zambon	Nam-Young Kang
Fredrick Semazzi	David E. Kingsmill
Charles Ernest Knowles	Branko Kosovic
Satya Pal Singh Arya	Emlyn Howard Koster
Jerry M. Davis	Benjamin Kravitz
David John DeMaster	Nicole Deneault LaDue
Ronald Victor Fodor	Romuald Lipcius
John Crothers Fountain	Huiqing Liu
James Patrick Hibbard	David Mechem
Thomas Sawyer Hopkins	Siddhartha Mitra
Daniel Kamykowski	Maria Janeth Molina
Leonard J. Langfelder	Andrew Newell
Leonard J. Pietrafesa	Lester Perry
Sethu Raman	Sharon Phillips
Allen J. Riordan	Brandon Puckett
Dale A Russell	S. Trivikrama Rao
Ping-Tung Shaw	Joseph Rudek
Edward F. Stoddard	Blake Schaeffer
Charles W. Welby,	Jenni Stanley
Donna Lee Wolcott	Robert Christopher Tacker
Thomas G. Wolcott	Susan White
William Howard Battye	Shaocai Yu
Geoffrey Weszely Bell	Yang Zhang
Scott Anthony Braun	
Michael Brennan	
Subrahmanyam Bulusu	
Brian A. Colle	
Jeffrey Cunningham	