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  
Adam Curry  
David B. Eggleston  
David Paul Genereux  
Peter Jeurgen Harries  
Ruoying He  
David Kimmel  
Gary M. Lackmann  
Elana L. Leithold  
Jay Frederick Levine  
Jing-pu Liu  
David A. McConnell  
Kayleen McMonigal  
Nicholas Meskhidez  
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
Yin San Zhang