Current and Potential Partners/ Employers

National Oceanic and Atmospheric Administration (NOAA)
NOAA Cooperative Institute for Climate and Satellites
National Centers for Environmental Prediction
NC State University Center for Marine Sciences and Technology
UNC-Asheville
NC Sea Grant
U.S. Fish and Wildlife Service
U.S. Forest Service
National Park Service
Environmental Protection Agency
The Nature Conservancy
Durham County, North Carolina
Orange County, North Carolina
Henderson County, North Carolina
Town of Chapel Hill, North Carolina
Town of Nag's Head, North Carolina
Town of Cary, North Carolina
City of Asheville, North Carolina
NC State Energy Office
NC State Climate Office
NC State CMAST
Duke Energy
Energy Users Consulting
Strata Solar
Southeast Climate Adaptation Science Center
Southeast Regional Climate Center

Master's in Climate Change & Society at North Carolina State University has the following advantages:

- One year program
- Experiential learning opportunities
- Learn from international experts in climate science, economics, policy, and communications
- Prepare for work in private, public, or non-profit sectors
- Address the global need for expertise in climate change impacts
- Positively impact economic development
- A 4-course Certificate in Climate Adaptation is also offered and is provided entirely online

Contact Information

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NC State Graduate School: www.ncsu.edu/grad

Climate Change and Society

1 Year Master's Program

4 Course Climate Adaptation Certificate

NC STATE UNIVERSITY

Introduction

NC State University proudly offers a Profes-sional Science Master's degree in Climate Change & Society, the first program of its kind at a public university in the Southeastern United States. The program bridges the gap between generators of climate science knowledge and its users.

The Climate Change & Society program takes full-time students one year to com-plete. It combines climate change science and knowledge of a variety of climate-sensi-tive sectors to develop sound decisions to mitigate and adapt to climate change.

This program…

… is intended for students and current professionals who are concerned with the aspects of planning for or helping relevant sectors prepare for the effects of global climate change.

… is open to scientists and non-scientists, and meets the needs of full- or part-time students through its concise curriculum and world-class instruction in climate science, policy, economics, and communication.

… is designed to provide experiential learn-ing opportunities to produce graduates who are well prepared to have an immediate impact on industry, government, and/or non-profit organizations.

Climate Adaptation Certificate

Our Climate Adaptation Certificate provides a comprehensive graduate-level credential delivered in a highly flexible format for students who want to enhance their professional work with expertise in climate. Students may complete the certificate online or in person. The certificate is the ideal choice for professionals who need a versatile option to further develop their knowledge of climate adaptation. Our students include individuals from established institutions such as the Weather Channel.

Background Required

Undergraduate degree in climate-sensitive or relevant sectors, including (but not limited to): political science, finance/economics, biology, engineering, education, communication and environmental sciences, with a GPA of 3.0 or better.

About NC State University

With approximately 34,000 students, and nearly 8,000 faculty and staff, NC State is the largest university in North Carolina, and prides itself on its strengths in the STEM disciplines.
For more information, please visit www.nc-su.edu.

Coursework

The curriculum is interdisciplinary; having a science background is helpful, but not neces-sary. Students who have a science-heavy academic background will gain additional knowledge and skills to effectively communi-cate and utilize scientific knowledge. In contrast, students who possess liberal arts or social science backgrounds will receive the support they need to bolster and deepen their understanding of science. The course-work promotes critical thinking skills and professional development.

Coursework Includes:

- Fundamentals of Climate Change Science
- Climate Risk Analysis
- Barriers to Climate Change Literacy
- Climate Change Communication
- Statistics
- Geographic Information Systems (GIS)
- Global Environmental Law and Policy
- Communication Campaigns
- Research Ethics
- NC State Climate Action Plan
- Applied Climate Experience

NC STATE UNIVERSITY