

CLIMATE CHANGE - MINOR

College of Arts and Sciences
Department of Geography
www.kent.edu/geography

About This Program

The Climate Change minor aims to provide an overview of the atmospheric sciences, how the climate system works and how humans and the environment interact within it. Students learn about climate change and how to understand and forecast its potential impacts. Students also learn how to apply their knowledge of climate and weather to a variety of interdisciplinary fields, including conservation, health, oceanography and environmental planning.

Contact Information

- **Cameron Lee** | cclee@kent.edu | 330-672-0360
- Speak with an Advisor

Program Delivery

- **Delivery:**
 - In person
- **Location:**
 - Kent Campus

Admission Requirements

Admission to a minor is open to students declared in a bachelor's degree, the A.A.B. or A.A.S. degree or the A.T.S. degree (not Individualized Program major). Students declared only in the A.A. or A.S. degree or the A.T.S. degree in Individualized Program may not declare a minor. Students may not pursue a minor and a major in the same discipline.

Program Requirements

Minor Requirements

Code	Title	Credit Hours
Minor Requirements		
GEOG 31062	FUNDAMENTALS OF METEOROLOGY	3
GEOG 31064	CLIMATE AND THE ENVIRONMENT	3
GEOG 41066	GLOBAL CLIMATE CHANGE	3
Statistical Electives, choose from the following		3-4
ESCI 42030	REMOTE SENSING	
GEOG 39002	STATISTICAL METHODS IN GEOGRAPHY	
GEOG 49070	GEOGRAPHIC INFORMATION SCIENCE	
GEOG 49230	REMOTE SENSING	
MATH 30011	BASIC PROBABILITY AND STATISTICS	
Minor Electives, choose from the following: ¹		6
ESCI 44074	PALEOCEANOGRAPHY	
BSCI 30370	CLIMATE CHANGE BIOLOGY	
GEOG 41051	NATURAL DISASTERS AND SOCIETY	
GEOG 41065	DATA ANALYSIS FOR CLIMATE AND THE ENVIRONMENT	
GEOG 41073	CONSERVATION OF NATURAL RESOURCES	

GEOG 46080 URBAN SUSTAINABILITY

Minimum Total Credit Hours:

18

¹ Appropriate special topic courses maybe taken with the approval of the program director.

Graduation Requirements

Minimum Minor GPA	Minimum Overall GPA
2.000	2.000

- Minimum 6 credit hours in the minor must be upper-division coursework (30000 and 40000 level).
- Minimum 6 credit hours in the minor must be outside of the course requirements for any major or other minor the student is pursuing.
- Minimum 50 percent of the total credit hours for the minor must be taken at Kent State (in residence).

Program Learning Outcomes

Graduates of the program will be able to:

1. Describe how the climate system works and how humans and the environment interact within it.
2. Explain climate change and how to understand and forecast its potential impacts.
3. Apply knowledge of climate and weather to a variety of interdisciplinary fields, including conservation, health, oceanography and environmental planning.