Climate Change Studies Minor

- Address one of the most significant challenges facing humanity and life on Earth
- Study at a climate leadership award-winning University
- Contribute to societal adaptation to global environmental change
- Interact with research faculty from more than 10 departments
- Connect the sciences to the human experience
- Complements any major or career path

http://wmich.edu/climate
(269) 387-4350

Office of Undergraduate Advising:
(269) 387-4366
1903 West Michigan Avenue
Kalamazoo, MI 49008-5309
www.wmich.edu/arts-sciences/advising
Program Description
The Climate Change Studies minor provides students with the necessary science-based background and a broad understanding of the human relationship to climate change including the social and environmental causes, challenges, and opportunities for mitigation and adaptation.

Curriculum (19 - 22 hours)

Introductory Courses (CHOOSE 1)
- ENVS 1000 Climate Challenged Society
- GEOS 1200 Climate Change: Geological Perspectives

Climate Change & Society (CHOOSE 2)
- BUS 4500 Business Ethics & Sustainability
- ENG 3110 Our place in Nature
- ENVS 3300 Climate Change and the Literary Arts
- ENVS 3700 Race and Climate Change
- ENVS 4120 Climate Change and Cultural Studies
- FCS 3700 Introduction to Food Systems & Sustainability
- FCS 4720 Farm to Table & Sustainability
- GEOG 1000 World Ecological Problems & Man
- GEOG 3070 Extreme Weather Under Changing Climate
- GEOG 4260 Disasters & Risk Management
- HIST 3180 American Environmental History
- PSY 3456 Behavioral Approaches to Sustainability
- SOC 4110 Climate Change and Society

Introductory Science (Choose 1)
- ENVS 2150 Environmental Systems and Cycles
- GEOS 2320 Integrated Earth System Studies
- GEOG 1050 Physical Geography
- GEOG 1400 Environmental Earth Science
- GEOG 1300 Physical Geology

Climate Change Science (CHOOSE 2)
- BIOS 3200 Climate Change Biology
- BIOS 5440 Global Change Ecology
- CHEM 1900 Climate Change Chemistry
- GEOG 2250 Intro to Meteorology and Climatology
- GEOG 3060 Climate Change: Atmospheric Perspectives
- GEOG 3260 Atmospheric Energy and Motion
- GEOG 4240 Biogeography
- GEOG 4250 Climatology
- GEOG 4280 Data Analysis in Climate Change
- GEOG 5300 Climate Change and Geography

Climate Change Capstone (1)
- A-S 4100 Climate Change Capstone

Program Objectives
- Understand the science of past, present and future climate change.
- Identify and understand the range of individual and collective human actions contributing to climate change.
- Identify and understand the consequences of contemporary climate change with particular attention to vulnerable populations.
- Critically examine and effectively communicate a range of response strategies for the mitigation of and adaptation to climate change.
- Critically examine how humans experience climate change through politics, social organization and/or the arts.