

CLIMATE CHANGE UNDERGRADUATE ACADEMIC CERTIFICATE

All required coursework must be completed with a grade of C or better (O-10-a (<https://catalog.uidaho.edu/general-requirements-academic-procedures/o-miscellaneous/>)).

Code	Title	Hours
GEOG 3130/5130	Global Climate Change	3
Select three courses from the following:		9
GEOG 3170/5170	Tree Rings and Environmental Change	
GEOG 4010	Climatology	
GEOG 4300	Climate Change Ecology	
GEOG 4350/5350	Climate Change Mitigation	
GEOG 4550	Societal Resilience and Adaptation to Climate Change	
GEOG 4880	Geography of Energy Systems	
GEOL 4350/5350	Glaciology and the Dynamic Frozen Earth	
SOC 4660	Climate Change and Society	
Seminar courses as approved by the department		
Total Hours		12

Courses to total 12 credits for this certificate

Optional recommendation for selection of electives:

In selecting three electives from the above list, it is not required that students choose a particular track, and none is designated on the student's transcript. However, to assist students in course selection, the department has developed some recommendations for specific electives that students may want to pursue if they have specific interests or career objectives.

For breadth in all aspects of climate change (both human and natural systems) (Note: several of the above courses are focused primarily on some aspect of climate change, and the department recommends that students consider these courses when selecting electives to obtain knowledge across the range of topics of climate change, including climate science, impacts, adaptation, and mitigation), the following courses are recommended:

- Climatology (GEOG 4010)
- Climate Change Ecology (GEOG 4300)
- Climate Change Mitigation (GEOG 4350) or (GEOG 5350)
- Societal Resilience and Adaptation to Climate Change (GEOG 4550)

For emphasis on climate change and energy/society:

- Geography of Energy Systems (GEOG 4880)
- Climate Change Mitigation (GEOG 4350) or (GEOG 5350)
- Societal Resilience and Adaptation to Climate Change (GEOG 4550)

For emphasis on climate change and biophysical impacts:

- Climatology (GEOG 4010)
- Climate Change Ecology (GEOG 4300) or Biogeography (GEOG 4100)
- Tree Rings and Environmental Change (GEOG 3170) or (GEOG 5170)
- Climate Change Mitigation (GEOG 4350) or (GEOG 5350)