

CLIMATE CHANGE - MINOR

Climate change is one of the most pressing issues of our time. It will impact every aspect of our lives, and unless our economies take aggressive action to reduce emissions, today's students will live through climate change unprecedented in modern human history. The minor in climate change aims to provide an overview of how the climate system works from an earth systems sciences perspective and how humans and the environment interact within it. The Climate Change minor draws on multiple courses exploring the science of climate change as well as the multitude of impacts ranging from farming and food production, water availability, ocean acidification to the potential of sustainable energy to replace fossil fuels, as well as the policy decisions governments are making. Students learn about climate change and how to understand and forecast its potential impacts from varied disciplinary and interdisciplinary perspectives, while getting a firm grounding in the basic physical, ecological and social sciences.

Program Requirements

Code	Title	Semester Credit Hours
ATMO 210	Climate Change	3
Select the remaining courses from the following:		13
ATMO 201	Weather and Climate	3
or GEOS 105	Introduction to Environmental Geoscience	
ATMO 324	Physical and Regional Climatology	3
ATMO 444	The Science and Politics of Global Climate Change	3
GEOG 309	Geography of Energy	3
GEOG 324	Global Climatic Regions	3
GEOG 442/	Past Climates	3
GEOS 442		
GEOS 410	Global Change	3
OCNG 413	Polar Regions of the Earth: Science, Society and Discovery	3
Total Semester Credit Hours		16

Students choosing to complete a minor in Climate Change must meet the following requirements:

- A minimum of 6 hours must be taken in residence at either Texas A&M University/College Station or Galveston.
- A minimum cumulative GPA of 2.0 must be achieved for all courses in the minor.
- Take a minimum of 16 hours of coursework, of which 3 hours of ATMO 210 Climate Change are required.
- The remaining 13 hours must include at least 3 hours of 400-level coursework and another 3 hours of upper-level (300- or 400-level) coursework from the list.
- Students with majors in the college must select only courses outside of their home department.
- ENGS students may not select this minor.