

Climate Change Minor in the Department of Earth and Atmospheric Sciences (EAS)

Description: Climate Change is one of the most relevant and pressing issues of our time. The Climate Change Minor creates an opportunity for students with any background to understand the science of climate change as well as some ways to plan for or mitigate the problem. The focus is on an understanding of climate change from an earth systems science perspective, though societal implications are also addressed.

<https://www.msudenver.edu/earth-atmospheric-sciences/meteorology/advising/climate-change-minor/>

Most of our classes are not offered every semester. Please refer to the “Semester” column to learn when courses are intended to be offered. F is fall, S is spring, and Su is summer.

Minor in Climate Change

Required Courses:		Prerequisites	Semester	Credits
___ MTR 1400 OR GEG 1100	Weather and Climate* Physical Geography*	(none) (none)	F, S, Su F, S, some Su	3
___ MTR 1600	Global Climate Change**	(none)	F, S, Su	3
___ GEG 3410	Biogeography	GEG 1100 or MTR 1400 or ENV 1200 or GEL 1010	F23, F25	3
___ MTR 3330	Climatology	MTR 1400 or GEG 1100 + quant lit	S22, F23, S25	3
___ MTR 3340	Climate Change Science	MTR 1400 or GEG 1100 or MTR 1600 or ENV 1200 or GEL 1150 or GEL 1010	S23, F24, S26	3
___ GEG 4720 OR GEG 4700	Planning for Climate Change Sustainability in Resource Management	Junior or higher Junior or higher or GEG 1700	S23, S25, S27 F22, F24, F26	3

* These courses fulfill 3 credits of the Natural and Physical Sciences General Studies requirement and will count in that area as well as the minor (and major, where relevant).

** This course fulfills 3 credits of Natural and Physical Sciences as well as the Global Diversity General Studies requirement and will count in those areas as well as the minor (and major, where relevant).

TOTAL CREDITS – 18

Important Considerations for Climate Change Minors:

- The Climate Change Minor is new for the 2022-2023 catalog. Students on previous catalogs may choose to move their catalog forward to declare the minor, but should run a “What If” report in their Degree Progress Report to make sure it will not adversely affect other parts of their degree such as General Studies or their major requirements. These reports are available beginning in mid-August, 2022.
- Students majoring in Meteorology, Geography, or Environmental Science should visit the climate change webpage to see how courses required for the minor will be prioritized by the minor and students may need to take additional courses towards their major requirements. General Studies classes will count in all areas.

