

IDSD 183: Weather & Climate

Designed to give students an overview of weather and climate, it provides an introduction to the atmosphere and an overview of the energy exchange and radiation processes both inside and outside of the atmosphere. Examines air temperature, humidity concepts, clouds, their development, and precipitation processes and covers Earth's global circulation patterns, fronts and middle-latitude cyclones, and weather forecasting, before moving onto severe weather thunderstorms, tornadoes, and hurricanes and covers climate change, including global warming.

Credits: 3

Program:

Interdisciplinary Studies

Essential Learning Outcomes: ELO #3: Knowledge of the Physical and Natural World

ELO #4: Intellectual and Practical Skills

ELO #5: Social Responsibility and Knowledge of Political Institutions