



## Geography B.A. Degree (Meteorology & Climatology Concentration)

Our Geography B.A. degree offers four Concentrations - the Meteorology & Climatology Concentration is highlighted here. 'Intellectual Foundation (IF) Requirements', as well as 'All College Electives' are required for a total of 120 credits needed for graduation. Careful selection of these electives allows you to complete one or two Minors. [Click here](#) for a full description of the Geography & Planning Major, as well as other College requirements. See your advisor to make certain that you are meeting your degree requirements .

### A. Required Courses (21 credits):

- GEG 101 World Natural Environments
- GEG 102 Human Geography
- GEG 325 Maps & Mapmaking Using GIS
- GEG 390 Quantitative Methods in Geography & Planning
- GEG 396 Research Methods
- GEG 430 Senior Thesis

#### Select one regional course:

- GEG 300 World Regional Geography
- GEG 359 Arctic Geography
- GEG 360 Geography of Asia
- GEG 362 Geography of U.S. and Canada
- GEG 364 Geography of Europe

### B. Meteorology & Climatology Courses (12 credits):

- GEG 241 Meteorology (also GES 241)
- GEG 303 Global Climatology
- GEG 382 Weather Forecasting
- GEG 383 Severe & Unusual Weather
- GEG 384 Atmospheric Science
- GEG 385 Paleoclimatology
- GEG 386 Applied Climatology
- GEG 478 Global Change
- GEG 480 Air Pollution Applications

### C. Electives (6 credits). Either choose courses from section 'B' or other courses offered by Geography & Planning. Below are some suggestions:

- GEG 375 Principles of Hydrology
- GEG 418 Remote Sensing
- GEG 423 Biogeography
- GEG 425 Fundamentals of Geographic Information Systems (GIS)
- GEG 488 Internship
- GEG 495 Independent Study

While not required for the major, it is recommended that other science and math courses be taken, especially if you are considering graduate school in the atmospheric sciences. Please see your advisor.

[Course Descriptions](#)