WHAT CAN I DO WITH A MAJOR IN...

MeteORology

Meteorology is a discipline rooted in math, physics, and chemistry that is devoted to increasing our understanding of the atmosphere and of methods for applying that knowledge to practical problems. Although this field is usually associated with weather prediction and broadcasting, it also has significant ties to environmental, agricultural, oceanic, and hydrological sciences.

* Taken from the UNC Charlotte Department of Geography & Earth Sciences Website

SAMPLE OCCUPATIONS

<table>
<thead>
<tr>
<th>Occupation</th>
<th>Occupation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Meteorologist</td>
<td>Physicist</td>
</tr>
<tr>
<td>Operational Forecaster</td>
<td>Astronomers</td>
</tr>
<tr>
<td>Research Meteorologist</td>
<td>Private Consultant</td>
</tr>
<tr>
<td>Teacher</td>
<td>Oceanographer</td>
</tr>
<tr>
<td>Atmospheric Scientist</td>
<td>Hydrologist</td>
</tr>
<tr>
<td>Chemist &amp; Materials Scientist</td>
<td>Polar Meteorologist</td>
</tr>
<tr>
<td>Environmental Engineer</td>
<td>Climatologist</td>
</tr>
<tr>
<td>Geoscientist</td>
<td>Atmospheric Chemist</td>
</tr>
<tr>
<td>Hydrologist</td>
<td>Satellite Imagery Specialist</td>
</tr>
<tr>
<td></td>
<td>Mobile Technology Manager</td>
</tr>
</tbody>
</table>

TYPES OF EMPLOYERS

- Airlines
- Military
- Radio and TV Stations
- Department of Defense
- Utility & Power Companies
- Private Consulting Firms
- Renewable Energy Orgs.
- National Weather Service
- Transportation Companies
- University-Affiliated Labs

PREPARING FOR YOUR CAREER IN

Media Weather Forecasting: Develop strong public speaking and presentation skills, take classes in computer programming and become familiar with software for forecasting and web design, supplement coursework with journalism and broadcasting classes, seek practical experience through internships and on-campus forecasting activities, be prepared to serve as a liaison to the community, be aware that weather forecasting is a 24/7 activity and may require shift work

Consulting/Information Services: Develop strong communication skills to present to clients (which might include vacation resorts, event organizers, pro sports teams, landscape companies, fisheries, law enforcement, disaster relief organizations), consider earning an MBA which may be helpful when assisting firms with business decisions in private industry, seek internships, develop computer programming skills

Research: Seek out opportunities to assist faculty with research projects, plan to pursue a graduate degree in an atmospheric science related field to increase employability, take computer science classes as many research projects require developing computer programs, develop technical writing skills, take a course in grant writing, keep a high GPA

RELATED WEBSITES

- AMS: Career Guide for the Atmospheric Sciences
  www.ametsoc.org/atmoscareers
- Nat'l Severe Storms Laboratory: Meteorology Careers
  www.nssl.noaa.gov/people/jobs/careers.php
- National Weather Association
  www.nwas.org
- University Corporation for Atmospheric Research
  www2.ucar.edu
- World Meteorological Organization
  www.wmo.int

HOW DO I KNOW IF IT’S RIGHT FOR ME?

ASSESS: Take a career assessment, such as the Strong Interest Inventory or MBTI, to see how your interests, values, and personality fit with majors and careers.

RESEARCH: Research the careers on this WCIDWAMI and thousands of other careers using these top career websites:

- http://onetonline.org
- http://www.bls.gov/oco

EXPLORE: Learn more about a career field of interest by job shadowing, attending a career panel, or participating in a Company Trek. Further your exploration while gaining valuable skills by completing an internship, co-op, volunteer, or research experience.

For the expanded version of this WCIDWAMI, visit career.uncc.edu/majors/meteorology