What Can I Do With A Major In: Environmental Health

Western Carolina University Center for Career and Professional Development
828.227.7133, CCPD Website

DESCRIPTION

Majoring in environmental science prepares the student to explore the relationships between humans and their environment in a proactive manner. The student employs problem-solving methods, data-search strategies, analysis, evaluation, and prediction in her study of complex environmental issues.

WHAT JOBS ARE AVAILABLE?

Aerospace Engineer	Anthropologist	Astronomer
Biochemist	Biostatistician	Climatologist
Entomologist	Environmental Regulation	Compliance Officer
Environmental Monitor	Environmental Conservation	Volcanologist
Environmental Consulting	Energy Auditor/ Planner	Forensic Scientist
Geographer	Green Program Developer	Hydrologist
Mineralist	Molecular Biologist	Physicist
Sustainability Planner	Environmental Educator	Wildlife Biologist
Environmental Engineer	Safety Inspector	Toxicologist
Environmental Disease Analyst	Environmental Technician	Zoologist
Environmental Compliance Inspector		

WHO EMPLOYS STUDENTS WITH THIS MAJOR?

Environmental Protection Agency | Environmental Consulting Firms| Manufacturing Businesses| Conservation Organizations | Energy Organizations | Watershed Associations & Conservancies | State & Federal Land Management Agencies | City & State Governments

INTERNSHIP INFORMATION

At Western Carolina University there are numerous internship opportunities for students. In some cases internships are established through a faculty member in the student's major. Oftentimes students find part-time jobs in an area related to their field of study. When this happens, students should discuss with their academic advisor the possibility of receiving college credit. Generally, three hours of general elective credit can be earned for a minimum of 200 hours of experience.

WHAT SKILLS ARE LEARNED IN THE CLASSROOM?
Independent Worker | Information Handling & Organization | Curiosity and Creativity | Statistical Awareness | Oral & Written Communication | Highly literate and numerate | Analyze and Interpret Data Studies | Critical Evaluation | Problem Solving | Research Skills | Teamwork

KNOWLEDGE

1. Meet the National Environmental Health Science and Protection Accreditation Council (EHAC) accreditation learning objectives.
2. Integrate and synthesize information from personal experience, academic courses, experiential learning from laboratories, undergraduate research projects or work experience, as well as extracurricular studies to address real world problems.
3. Solve complex problems by critically considering scenarios, sources of information/evidence, and evaluating implications of various solutions.
4. Convey information in a variety of formats and contexts, identify intended audience and communicate appropriately and respectfully in a written and oral manner.
5. Practice civic engagement as an educated, engaged citizen and environmental health professional to recognize the interdependence of diverse values and by acting responsibly to affect public health and policy.
6. Examine personal career goals and aspirations and make informed and ethical judgments about bringing plans into action. Take responsibility for learning and observe personal decision making processes.

Interested in the classes you'll be taking? Check out more information on courses here: http://www.wcu.edu/academics/departments-schools-colleges/HHS/hhs-schools-depts/healthsci/health-sciences-majors/envh/environmental-health-curriculum/eight-semester-plan-for-b.s.-in-environmental-health.asp

PROFESSIONAL RESOURCES

- International Association for Impact Assessment- http://www.iaia.org/default.aspx
- Environmental News Network- http://www.enn.com
- Occupational Outlook Handbook- http://www.bls.gov/ooh/life-physical-and-social-science/environmental-scientists-and-specialists.htm

ADDITIONAL RESOURCES

- Occupational Safety & Health Administration- https://www.osha.gov/
- U.S. Department of Health and Human Services- http://www.usphs.gov/
- Center for Disease Control and Prevention- http://www.cdc.gov/

FOR ADDITIONAL INFORMATION

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