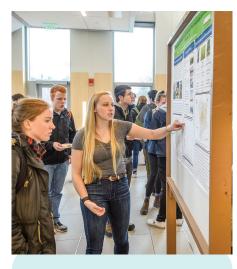


# ENVIRONMENTAL SCIENCE

Bachelor of Arts



#### HIGHLIGHTS

We train students to explore problems from multiple angles, to think critically about root causes and sustainable solutions, and to work with diverse stakeholders. We investigate environmental change on all seven continents. Majors chart a path that aligns with their passions and goals.

### **Introduction to the Major**

Environmental Science (ES) explores the impacts of human activity on earth's natural systems and the implications for humans and other species.

ES majors gain a solid foundation in diverse disciplines including biology, ecology, geoscience, chemistry, physics, statistics, economics, anthropology, and policy. Putting learning into action through coursework and extracurriculars, students take part in research and internships on campus and beyond. Our planet needs action that is informed by the best available science and grounded in collaborative spirit and sound critical thinking. This vision is central to our program.

#### **CORE COURSES**

Students choose from three broad areas of study: environmental and conservation biology, Earth system science, and environmental science and policy. The major culminates in a capstone experience designed to enhance the capacity for creative and critical thinking and to demonstrate knowledge, skills, and abilities. Exploration begins with three core courses:

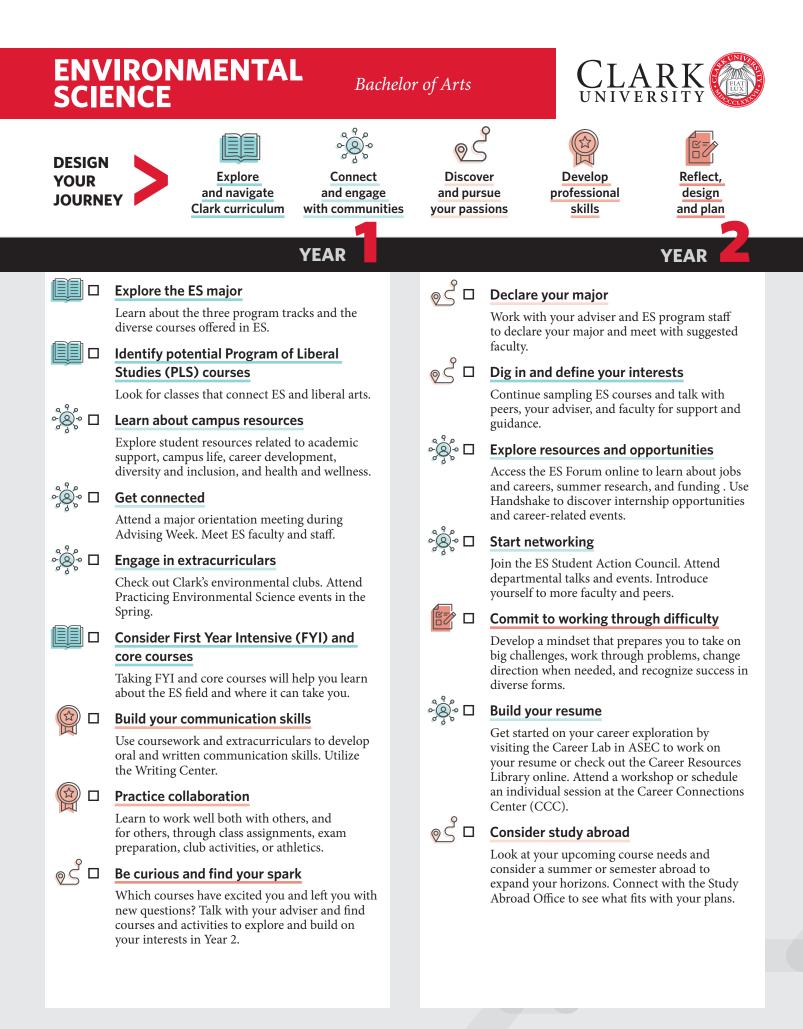
- BIOL 101: Foundations in evolution and genetics
- EN 101: Case studies in the biophysical, social science, and human dimensions of environmental challenges
- GEOG 104: Global climate and biogeochemical cycles giving rise to diverse, life-sustaining environments

"ES connects diverse fields, from economics to ecology, which is crucial as we develop sustainable solutions to today's environmental challenges."

- DR. CHRISTOPHER WILLIAMS, ES DIRECTOR



of ES majors are employed in their field or continuing education within two years of graduation



### WHAT CAN I DO WITH MY MAJOR?

#### **JOBS & EMPLOYERS**

YEAR

ES graduates have landed jobs with Mass Audubon, National Grid, EPA, U.S. Geological Survey, Daymark Energy Advisors, state agencies, and consulting firms.

#### **GRADUATE PROGRAMS**

Alumni have pursued graduate study in civil and environmental engineering, environmental health and management, forestry, public policy analysis, business, and more.

YEAR



#### Become a researcher

Work with an ES faculty member on their research or take on an independent study.

### Strengthen your networks on and off campus

Connect with alumni at the Practicing ES event. Join the CCC's Alumni Job Shadow program to experience a day on the job in a field of interest.

#### Network, represent, and serve

Consider a leadership role in a student group. Work with the Office of Community Engagement and Volunteering to find opportunities to serve the community and build your experience and connections.



#### Take a Problems of Practice (POP) course

Choose coursework that speaks to your passions and interests and connects you with partners in the broader community.



#### Take pride in your work

Dedicate yourself to doing great work that represents who you are, what you care about, and what you are capable of.



#### Present your work

Present your original research or internship work at ClarkFEST.

#### Prepare for senior year and beyond

Become familiar with Clark's ADP requirements. Where are you confident and where do you need more clarity? Where do you still need to build skills or experience? Check in with your faculty adviser and your career adviser to create a plan.



#### Pull it all together with your capstone

Complete your capstone experience and/ or an honors thesis with guidance from your academic adviser.



#### Connect with alumni

Seek out mentors in your field and meet alumni through ClarkCONNECT.



#### Serve as a peer mentor

Guide other ES students through their exploration of the field and their course of study at Clark.



#### Jump into the job search

Update your resume and LinkedIn profile. Learn how to pitch your skills and experiences in a succinct and compelling way.



#### Hone your presentation skills

Present your original research or internship work at ClarkFEST or an external professional meeting to help build your skills, experience, and confidence.



#### Explore service opportunities

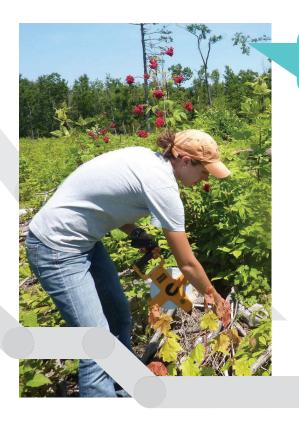
These might include the Student Conservation Association, AmeriCorps, the Peace Corps, Teach for America, or the U.S. Department of State.

#### □ Get published!

Consider writing a popular science article or op-ed to share your knowledge on a topic you care about. Submit a scholarly manuscript for publication.

#### Begin your launch

Apply to job and internship opportunities by early spring. Meet with a CCC adviser to plan your strategy.



### **AMPLIFY YOUR MAJOR!**

## At Clark, your environmental science major extends beyond the classroom.

- Participate in high-impact faculty research
- Study away with the School for Field Studies
- Secure an internship or job-shadowing experience
- Join one of our environmental clubs
- Leverage funding from Clark's Sustainability Collaborative to implement solutions on campus
- Apply to the HERO program to study human-environment relationships in Massachusetts
- Produce a senior honors thesis to highlight your work
- Earn a senior award for excellence in academics, research, or practice

## **CONNECT WITH US!**

clarku.edu/departments/environmentalscience/

### **Advising**

### We are here to support your academic journey.

In your first year at Clark, you will be assigned a faculty adviser to help you select your courses and programs. Once you declare your major, environmental science faculty will advise you.



Challenge Convention. Change Our World.

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