



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

80%

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

"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



ENVIRONMENTAL SCIENCE

Bachelor of Arts



DESIGN YOUR JOURNEY




Explore and navigate Clark curriculum


Connect and engage with communities


Discover and pursue your passions


Develop professional skills


Reflect, design and plan

YEAR **1**

YEAR **2**



Explore the ES major

Learn about the three program tracks and the diverse courses offered in ES.



Identify potential Program of Liberal Studies (PLS) courses

Look for classes that connect ES and liberal arts.



Learn about campus resources

Explore student resources related to academic support, campus life, career development, diversity and inclusion, and health and wellness.



Get connected

Attend a major orientation meeting during Advising Week. Meet ES faculty and staff.



Engage in extracurriculars

Check out Clark's environmental clubs. Attend Practicing Environmental Science events in the Spring.



Consider First Year Intensive (FYI) and core courses

Taking FYI and core courses will help you learn about the ES field and where it can take you.



Build your communication skills

Use coursework and extracurriculars to develop oral and written communication skills. Utilize the Writing Center.



Practice collaboration

Learn to work well both with others, and for others, through class assignments, exam preparation, club activities, or athletics.



Be curious and find your spark

Which courses have excited you and left you with new questions? Talk with your adviser and find courses and activities to explore and build on your interests in Year 2.



Declare your major

Work with your adviser and ES program staff to declare your major and meet with suggested faculty.



Dig in and define your interests

Continue sampling ES courses and talk with peers, your adviser, and faculty for support and guidance.



Explore resources and opportunities

Access the ES Forum online to learn about jobs and careers, summer research, and funding. Use Handshake to discover internship opportunities and career-related events.



Start networking

Join the ES Student Action Council. Attend departmental talks and events. Introduce yourself to more faculty and peers.



Commit to working through difficulty

Develop a mindset that prepares you to take on big challenges, work through problems, change direction when needed, and recognize success in diverse forms.



Build your resume

Get started on your career exploration by visiting the Career Lab in ASEC to work on your resume or check out the Career Resources Library online. Attend a workshop or schedule an individual session at the Career Connections Center (CCC).



Consider study abroad

Look at your upcoming course needs and consider a summer or semester abroad to expand your horizons. Connect with the Study Abroad Office to see what fits with your plans.

WHAT CAN I DO WITH MY MAJOR?

JOBS & EMPLOYERS

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 3

-  **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.

YEAR 4

-  **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/environmental-science/

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.

CLARK
UNIVERSITY



Challenge Convention.
Change Our World.

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