

ENVIRONMENTAL SCIENCE



NO. 7

U.S. News & World
Report 2020



WHY STUDY **ENVIRONMENTAL SCIENCE** AT BRYANT?

Immerse yourself in an integrative and applied program that provides an action-oriented curriculum and research opportunities to address environmental impacts.

- Engage with exceptional faculty in small classes as you *create your path* in one of two tracks: Environmental Health and Toxicology, or Environmental Management and Sustainability, with research projects tailored to your interests.
- *Experiential learning opportunities* include volunteering with environmental nonprofit organizations and conducting research for credit, as a volunteer, or as a paid Summer Research Fellow.
- *Collaborate with faculty on research addressing environmental impacts*, with the potential to publish and present research at regional and national conferences to prepare you for graduate work or careers in environmental science fields.

KAYLA MICHAUD '18

Geology Technician II
Maine Department of Environmental
Protection, Bangor, ME



MAJOR: Environmental Science

MINOR: Management

HOMETOWN: Wilbraham, MA

PATH: Recipient of the 2018 Environmental Leadership Commencement Award; internships in the Office of United States Senator Elizabeth Warren and Save The Bay; Recreation Guide, Maine Outdoor Education Program; studied abroad in Wales; Sophomore International Experience to Prague and Budapest; Resident Assistant; Sustainability Ambassador; Sigma Xi Scientific Honor Society member.

“My experience at Bryant allowed me to work directly with my faculty and gain hands-on experience. I was able to build a support system of professionals to help motivate and propel me toward a deeper understanding of the significant role environmental science and sustainability plays in our world today.”

INSPIRING FACULTY

Innovators in the classroom as well as the laboratory, our faculty are internationally known researchers who bring diverse backgrounds in a broad range of disciplines to the study of the environment including ecology, environmental engineering, geology, and oceanography. Emphasizing basic and applied research, technological applications, and international experiences, these award-winning teachers and dedicated mentors help prepare you for success in science-related careers and graduate studies.

THE ENVIRONMENTAL SCIENCE FACULTY INCLUDES:

- A distinguished expert whose research explores the effects of pollution and climate change on human health and ecosystems
- A former environmental consultant who managed site assessment, remediation, and brownfields projects
- A prominent scholar who has traveled to China to research how global climate change affected ancient civilizations
- An internationally renowned researcher in paleobiology and paleoclimatology
- An expert in analysis of water, soil, and petroleum products to support environmental forensics

I love what I do because we have major environmental problems out there, and my students and I can be part of finding solutions.

DAN MCNALLY, Ph.D.

Associate Professor of Science and Technology
Bryant University

Among Our Distinguished Faculty:



GAYTHA LANGLOIS, Ph.D.

Professor of Environmental Policy
Science and Technology

- 2019-20 President, International Society of Protistologists.
- Recipient of numerous distinguished faculty and service awards.
- EPA Merit Award recipient.
- Extensive experience crafting municipal and statewide environmental policies.

CONOR MAKEPEACE '15

Wetland Scientist
AECOM, Wallingford, CT



MAJORS: Environmental Science; Politics and Law

MINOR: Business Administration

HOMETOWN: Wallingford, CT

PATH: Honors Program; Swimming and Diving Team; Scientific Community Initiative; Sustainability Ambassador; Environmental Science Leadership Award; study abroad in Dublin, Ireland; Intern: Audubon Society of Rhode Island; Adjunct Researcher, Lab for Terrestrial Environments; Honors thesis on Assessment of Silk Degradation Using Pyrolysis.

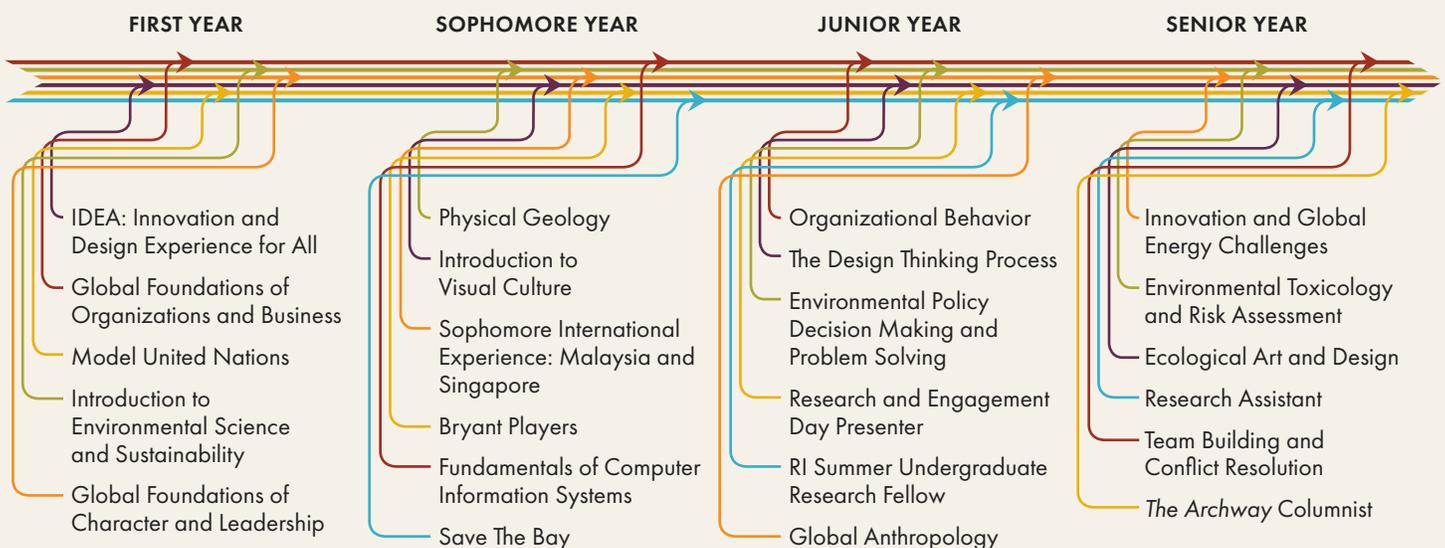
“Bryant University’s Environmental Science program provided me with a sound scientific foundation, as well as a well-rounded business and liberal arts base. At Bryant, I was able to work on real-world projects using some of the latest equipment and technology.”

DESIGNED FOR YOUR SUCCESS

Bryant's innovative educational experience is focused on one central objective – preparing you for success. Bryant is recognized nationally for integrating business and the arts and sciences to provide students with a powerful combination of highly marketable skills. With a strong emphasis on experiential learning, your Bryant education will include opportunities for internships, consulting, participation in national conferences and competitions, social entrepreneurship, and study abroad. Bryant's inspiring and purposeful student life is designed to enhance your learning and real-world credentials.

ENVIRONMENTAL SCIENCE MAJORS CHOOSE ONE OF TWO TRACKS: ENVIRONMENTAL HEALTH AND TOXICOLOGY, OR ENVIRONMENTAL MANAGEMENT AND SUSTAINABILITY, WITH RESEARCH PROJECTS TAILORED TO THEIR INTERESTS.

Here's an abbreviated sample path to success:



● BUSINESS
 ● LIBERAL ARTS
 ● GLOBAL
 ● INNOVATION
 ● CO-CURRICULAR
 ● INTERNSHIPS

ALLISON HUBBARD '14, '15 MSGES

Content Marketing Specialist
Hanna Instruments, Woonsocket, RI



MAJOR: Environmental Science

MINORS: Business Administration;
Psychology

HOMETOWN: Barre, MA

PATH: Rhode Island Summer Undergraduate Research Fellow evaluating if an historic oil spill site could be remediated; presented research and won Best Paper in Biology award, 2013 Undergraduate Symposium in the Chemical and Biological Sciences; inducted into Sigma Xi, the world's oldest scientific research society.

"Hearing about Professor McNally's varied experiences inspired me to try different aspects of science. He taught me that in science – and in life – it is okay to fail. You figure out why you failed, and move forward to try to obtain results."



WHAT SETS BRYANT'S PROGRAM **APART**?

1 *Facilities That Make a Difference*

- Bryant is a living laboratory, providing you access to wetlands, forests, and aquatic environments. Our action-oriented curriculum inspires you to address real-world environmental impacts as an undergraduate.
- From your first year, you have unprecedented access to laboratory equipment ranging from a scanning electron microscope to a fully equipped geochemistry lab in our 8,300-square-foot complex that includes wet labs and individualized research labs.



2 *Meaningful Research Opportunities*

- Establish yourself as a powerhouse in the field and in the lab through collaboration with a distinguished faculty mentor on research that will be published and presented at regional and national conferences, and could lead to a patent.
- Develop critical professional skills in problem solving, quantitative analysis, modeling, field methods, teamwork, and communication through participation in 10-week paid summer research fellowships, or in research programs funded by NASA, the National Science Foundation, and other organizations.

3 *Real-World Outcomes*

- The quality of our Environmental Science program, where you build relationships with faculty who continue to mentor you after commencement, results in graduates with a strong environmental ethic achieving success in top graduate programs and in their careers.
- Our program, featuring dedicated faculty advising, an action-oriented curriculum, and the opportunity to be part of a research team, will prepare you to excel in a variety of environmental science fields targeted for growth. These include renewable energy, environmental assessment and remediation, the pharmaceutical industry, and instrumentation and laboratory supply companies.

BRYANT ENVIRONMENTAL SCIENCE GRADUATES ARE IN DEMAND

In business, government agencies, and nonprofit organizations including:

- > AECOM
- > GENERAL MILLS
- > HANNA INSTRUMENTS
- > MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION
- > MEAD & HUNT
- > TESLA
- > U.S. ARMY CORPS OF ENGINEERS

In leading graduate programs including:

- > Clark University
- > Columbia University
- > Duke University
- > Monmouth University
- > Royal Netherlands Institute of Sea Research
- > University of Maine
- > University of Pennsylvania

To learn more about Environmental Science or other programs at Bryant, please contact:
Office of Admission • (401) 232-6100 • (800) 622-7001 • admission@bryant.edu