

# ENVIRONMENTAL SCIENCE



**W**hen you heard about the Gulf Oil Crisis, hydrofracking, or a species facing extinction, was your first thought about the environment? Whether it is helping to save wildlife or track toxic compounds, finding new power sources or changing the laws protecting the environment—our planet is in need of people who understand and care about environmental issues and will work to improve our interaction with the natural world.

## What Makes Us Different

At King's, we teach our students not only how to examine environmental problems from a scientific perspective but also from social, economic, and ethical points of view. This holistic approach helps our students gain a better understanding of how to address environmental problems within the scope of human society.

## Program Structure

King's environmental program is comprised of two different degrees - environmental studies and environmental science. The environmental studies degree emphasizes the environment across the spectrum of learning from science through the humanities, whereas the environmental science degree focuses more intently on the scientific disciplines for solving environmental problems.

## Hands-On Learning

When it comes to studying the environment, there is no better way to understand it than through hands-on interaction with the environment. Most environmental courses are tied to field experiences, including some courses that take place entirely outdoors and off campus.

## Careers

The degrees are designed to prepare students for careers in environmental management, business, advocacy, policy, law, research/ technology, resource management or conservation.

## Placement Highlights

Listed below are just a few examples of where our graduates have found success:

- Environmental law programs (e.g., Pace Law School, Lewis and Clark Law School)
- Graduate degrees (M.A., M.S., and Ph.D)
- Environmental consulting and engineering firms
- Governmental agencies (e.g., state parks, national laboratories)
- Non-governmental environmental organizations (e.g., Nature Conservancy, Sierra Club, various conservancies)

**To learn more about majoring in Environmental Science at King's College, please contact the Office of Admission at 1-888-KINGS PA or [admissions@kings.edu](mailto:admissions@kings.edu).**

# Environmental Science (120 Credit Hours - General Track)

## Suggested Sequence

- Use the information below as a guide when selecting courses.
- Consult your Academic Advisor prior to course registration.
- Refer to the King's College Catalog and/or website for course titles and descriptions.
- Choose one course from each CORE category as listed for Environmental Science Majors
  - CORE courses may be taken in any order approved by the academic advisor with the following conditions:
    - CORE 100 and CORE 110 should be taken in the first year.
    - CORE 115 (or 116) should be taken within the first two years.
    - For students selecting a Foreign Language (CORE 14x), every effort should be made to register for that language in the first semester at King's.

1 <sup>st</sup> Year - Fall		1 <sup>st</sup> Year - Spring	
ENST 201 Environmental Science I	3	ENST 202 Environmental Science II	3
ENST 201L Environmental Science I Lab	1	ENST 202L Environmental Science II Lab	1
BIOL 113 Evolution & Diversity	3	BIOL 210 Organisms & Their Ecosystems	3
BIOL 113L Evolution & Diversity Lab	1	BIOL 210L Organisms & Their Ecosystems Lab	1
CHEM 113 General Chemistry I	3	CHEM 114 General Chemistry II	3
CHEM 113L General Chemistry I Lab	1	CHEM 114L General Chemistry II Lab	1
CORE	3	CORE	3
CORE 090 First Year Experience	1		
	16		15
2 <sup>nd</sup> Year - Fall		2 <sup>nd</sup> Year - Spring	
ENST Major Elective	3-4	ENST Major Elective	3-4
CHEM 241 Organic Chemistry I	3	CHEM 242 Organic Chemistry II	3
CHEM 241L Organic Chemistry I Lab	1	CHEM 242L Organic Chemistry II Lab	1
MATH 128 Stats & Data Analysis	4	ENST 370 Environmental Seminar	3
CORE	3	(MATH 1256 Calculus OR Free Elective)	3-4
	14-15	CORE	3
			16-18
3 <sup>rd</sup> Year - Fall		3 <sup>rd</sup> Year - Spring	
ENST Major Elective	3-5	ENST Major Elective	3-5
PHYS 111 General Physics I	3	PHYS 112 General Physics II	3
PHYS 111L General Physics I Lab	1	PHYS 112L General Physics II Lab	1
CORE	3	CORE	3
CORE	3	CORE	3
CORE	3		
	14-16		13-15
4 <sup>th</sup> Year - Fall		4 <sup>th</sup> Year - Spring	
ENST Major Elective	3-4	ENST Major Elective	3-4
ENST 490 OR 491 OR 499	3	ENST 410 Environmental Sampling & Analysis	3
CORE	3	CORE	3
CORE	3	CORE	3
CORE	3	(Free Elective) <i>if necessary</i>	(3)
	15-16		12-16
Total Credits Required for Graduation = 120			