

KING'S COLLEGE

ENVIRONMENTAL PROGRAM

Understanding, and ultimately solving, the myriad environmental challenges of our world increasingly require a working knowledge of a variety of disciplines. Consequently, the Environmental Program at King's College is designed to provide a diverse group of students with the knowledge base to confront these challenges. The Environmental Program emphasizes a holistic approach from many perspectives, including many from outside the traditional sciences that normally comprise environmental programs.

The major sequence of courses draws upon a number of fields, including the natural sciences, social sciences, and humanities. Students choosing this program will be exposed to a variety of learning settings and strategies, including foundational and advanced classes and laboratories, problem-based learning, and experiential learning. In addition, a significant portion of the curriculum occurs in a field setting. Furthermore, students are encouraged to tailor the curriculum where possible to meet their specific career goals.

CAREER OPTIONS

King's offers students a choice of two environmental majors. The Bachelor of Arts degree in Environmental Studies is designed to prepare students for careers in environmental management, economics, advocacy, policy and law. The Bachelor of Science degree in Environmental Science will pre-

pare students for careers in environmental research and technology, and environmental resource management. Both majors will prepare students interested in continuing their education through graduate studies or professional school. Additionally, a minor in Environmental Studies is available that is complementary to many other majors at King's.

PROGRAM DIRECTOR

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CURRICULUM

BACHELOR OF ARTS (B.A.)

FIRST YEAR

| | |
|---|--|
| Principles of Economics: Micro (MSB140) | Introduction to Statistics and Data Analysis (MATH 126 or 128) |
| Computing Skills: Sciences (CS 101) | Environmental Science II (ENST 202) |
| Environmental Science I (ENST 201) | |

SECOND YEAR

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|------------------------------------|---|
| Social Problems (SOC 212/CORE 152) | Environmental Law (ENST 260) Environmental Ethics (CORE 265) |
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THIRD YEAR

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| Computer Modeling in Biology and Environmental Science (BIOL 310) | Introduction to Geographical Information Systems (ENST 330) |
| Dynamics of Population (SOC 312) | Environmental Studies Seminar (ENST 370) Special Topics (ENST 401)* |

FOURTH YEAR

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| Independent Study or Internship (ENST 490 or 499) | Environmental Policy (ENST 452) |
| Environmental Sampling and Analysis (ENST 410) | Economics of Women, Poverty and Environment (ECON 491) |
| Special Topics (ENST 401)* | Special Topics (ENST 401)* |

PLUS six(6) classes from the list below:

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| Principles of Epidemiology (HCA 311) | Policy Analysis (PS 352) |
| Microbiology for the Health Sciences (BIOL 214) | Economic Development and International Geography (ECON/IB 356) |
| Public Administration (PS 232) | Ecosystems (BIO 430) |
| Christian Social Ethics: Ecology (CORE 265) | Ecological Literature (CORE 164) |
| Environmental Health (ENST 355) | Environmental Art (ENST 350) |
| | Special Topics (ENST 401)* |

BACHELOR OF SCIENCE (B.S.)

FIRST YEAR

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|------------------------------------|---------------------------------|
| General Biology I (BIOL 111) | General Biology II (BIOL 112) |
| General Chemistry I (CHEM 113) | General Chemistry II (CHEM 114) |
| Intro to Statistics (MATH 126) | Quantitative Methods (ECON 222) |
| Computer Skills: Sciences (CS 101) | |

SECOND YEAR

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|------------------------------------|--------------------------------------|
| Environmental Science I (ENST 201) | Environmental Science II (ENST 202) |
| Organic Chemistry I (CHEM 241) | Organic Chemistry II (CHEM 242) |
| Medical Microbiology (BIOL 214) | Principles of Epidemiology (HCA 311) |

THIRD YEAR

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|---------------------------------|-----------------------------------|
| Env. Studies Seminar (ENST 370) | Global Info. Systems (ENST 330) |
| General Physics I (PHYS 111) | General Physics II (PHYS 112) |
| Computer Modeling (ENST 310) | Dynamics of Populations (SOC 312) |

FOURTH YEAR

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|--|-------------------------------|
| Special Topics (ENST 401)* | Special Topics (ENST 401)* |
| Ecosystems Biology (BIOL 430) | Environmental Policy (PS 452) |
| Research/ Internship (ENST 490 or 499) | |
| Environmental Sampling and Analysis (ENST 410) | |

* Additional special topics include Wildlife Ecology and Management, Ecotoxicology, Environmental Compliance, Water Quality Analysis, Conservation Biology, Wildlife Techniques, and Tropical Ecology.