

# BACHELOR'S DEGREE IN ENVIRONMENTAL STUDIES



## **BUILD A SUSTAINABLE CAREER**

Increased government and private investment in green technology combined with a growing awareness of environmental challenges make environmental science one of the fastest growing — and best paying — emerging career fields!

## **A GROWING FIELD**

Goodwin College's Environmental Studies program provides technical training for jobs in this rapidly growing field, while also focusing on the scientific aspects of environmental stewardship. Your classes will take you into the field to engage in research, gaining a comprehensive understanding of the factors that impact environmental health.

Over the past four decades, protection of the environment has grown rapidly to become a major sales-generating, profit-making, job-creating industry. Graduates of this program are prepared to work in industries like education and health services, manufacturing, public administration, and other professional settings. The Environmental Studies program features two distinct tracks, so you can focus on your interests and tailor your degree to meet your career goals: Environmental Health and River Studies.

Goodwin also offers specialized certifications in water management and environmental health, enabling students to secure employment in the field in as little as one year. Goodwin's location next to the Connecticut River enables students to spend time, conducting real research and learning the technical aspects of the field first-hand.

# CURRICULUM

General Education Requirements - 40 credits		
CAP 1XX	Computer Literacy Competency (CL)	3
COM 1XX	Communications Competency (COM)	3
ENG 101	English Composition	3
ENG 1XX	Writing Competency (WR)	3
ENG 2XX	Advanced Writing Elective (AW)	3
MATH 130	Mathematics for Science and Technology (MATH)	3
BIO 121	General Biology (SCI)	4
PSY 112	Introduction to Psychology (SS)	3
	Social Science Competency (SS & MC)	3
	Cultural Competency (CU)	3
ENV 110	Environmental Ethics (E/P)	3
ECN 110	Principles of Economics (G/US)	3
ENV 168	Geography (G/W)	3

Programmatic General Education Requirements - 6 credits		
IDA 120	Intellectual Discovery Strategies OR General Education Elective	3
STAT 167	Principles of Statistics	3

Major Core Requirements - 37 credits		
<b>Freshman Year</b>		
CHEM 110	General Chemistry I	4
CHEM 111	General Chemistry II	4
ENV 103	Introduction to Environmental Science	4
<b>Sophomore Year</b>		
ENV 120	Environmental Law and Regulations	3
ENV 155	Environmental Physics	3
ENV 220	Geographic Information Systems (GIS)	3
<b>Junior Year</b>		
ENV 255	Environmental Monitoring	4
ENV 299	Environmental Studies Internship	3
ENV 310	Environmental Public Policy, Theory and Practices	3
<b>Senior Year</b>		
ENV 410	Methods in Research and Practice (RE)	3
ENV 460	Capstone: Environmental Studies	3

Electives - 37 credits		
ENV 1XX	Elective	3
ENV 3XX	Electives	9
OPEN	Electives	25

Environmental Health Track - 18 credits		
<b>Junior Year</b>		
ENV 234	Site and Risk Assessment	3
ENV 250	Environmental Contaminants and Sanitation	3
ENV 330	Principles of Environmental Health	3
<b>Senior Year</b>		
ENV 320	Environmental and Industrial Toxicology	3
ENV 420	Environmental Health Planning	3
HSC 410	Epidemiology	3

River Studies Track - 20 credits		
<b>Junior Year</b>		
ENV 130	Explorations in Riverine Ecosystems	4
ENV 230	Aquatic Ecology	4
ENV 232	Principles in Floodplain Ecology	3
<b>Senior Year</b>		
ENV 225	Geology and River Geomorphology	3
ENV 325	Land Use and Watershed Management	3
ENV 430	Current Issues in River Conservation	3

Total Credits: 120-122

To view course descriptions visit:  
[www.goodwin.edu/academics/course-descriptions](http://www.goodwin.edu/academics/course-descriptions)

## SCHOLARSHIP OPPORTUNITY

Students enrolled in the Environmental Studies program who take three or more classes per semester while maintaining a 3.0 GPA are eligible to receive a scholarship worth 30% of their tuition.

## WHERE ENVIRONMENTAL PROFESSIONALS CAN WORK:

### Environmental Health Track

- ▶ Environmental Engineers
- ▶ Environmental Scientists and Specialists
- ▶ Environmental Health and Safety
- ▶ Registered Environmental Specialists

### River Studies Track

- ▶ Conservation Scientists
- ▶ Environmental Protection Specialists
- ▶ Soil and Plant Scientists
- ▶ Watershed Management

## TO REQUEST MORE INFORMATION, CONTACT:

Admissions  
 (800) 889-3282  
[www.goodwin.edu/contactus](http://www.goodwin.edu/contactus)

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