Career Opportunities in Environmental Studies

Environmental challenges face every business, agency, and institution—from cost-effectively complying with complex environmental regulations to simpler decisions of how and where to recycle junk mail. Majoring in Environmental Studies connects many disciplines in an ecological context, providing a broad framework for the study of human interaction with the Earth.

Environmental Studies graduates can expect to find careers as environmental planners, engineers, analysts, and policy-makers. The magnitude and complexity of today’s environmental issues is creating a growing need for scientists and engineers with rigorous, interdisciplinary training in environmental science. You can work for a corporation managing their compliance with environmental regulations and conducting audits of internal environmental efficiency, or become an environmental engineer focusing on alternative energy solutions. Students in Genesee Community College’s Environmental Studies degree program are on the leading edge of this growing career field. Overall, employment of environmental professionals is expected to increase by 25 percent between 2006 and 2016, much faster than the average for all occupations according to the Bureau of Labor Statistics.

The Benefits of a Degree from Genesee

Genesee Community College is on the forefront of this exciting and important industry with recent enhancements to its Environmental Studies degree program. This program promises an excellent introduction to the field with plenty of hands-on learning, and small class and laboratory sizes offering exceptional instruction. We are training researchers, scientists, and technicians and ensuring they have the foundation to work in both governmental positions and private-sector consulting firms across the nation.

Facilities

The learning facilities of Genesee Community College are among the best in the country. Environmental Studies students have access to a newly refurbished, mile-long nature trail with plants and other wildlife demarcated on signage along the way. Students also have the opportunity to go out in the field for hands-on experience within the rural countryside. Environmental Studies students appreciate the 45 smart classrooms, six distance learning labs, 29 computer labs, and the state-of-the-art Alfred C. O’Connell Library with Internet-based research capabilities. Genesee provides a dynamic Student Support Services division, the Career Center, the Center for Academic Progress, and a child care center in addition to an exciting sports program featuring ten intercollegiate athletic teams. College Village offers apartment-style student housing adjacent to the Batavia campus.

Jared Skye attended Genesee’s Environmental Studies program and enjoyed working on two summer-long internships, first with Genesee County Soil and Water Conservation District in 2007, and in 2008 with the University of Georgia in North Carolina. He will be earning his bachelor’s degree from Alaska Pacific University, and hopes to become an outdoor educator.

www.genesee.edu

Genesee Community College is an equal opportunity/affirmative action institution
Environmental Studies

Curriculum

Academic disciplines include biology, chemistry, environmental studies, physics, and organic chemistry. These courses provide an ideal foundation in environmental studies to operate effectively in the industry.

COURSE LISTING:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Ecology</td>
<td>4</td>
</tr>
<tr>
<td>General Biology 1 and 2</td>
<td>8</td>
</tr>
<tr>
<td>General Chemistry 1 and 2</td>
<td>8</td>
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<tr>
<td>Organic Chemistry 1 and/or 2</td>
<td>4 or 8</td>
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<tr>
<td>General Physics 1 and/or 2</td>
<td>4 or 8</td>
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<tr>
<td>Introduction to Computers</td>
<td>3</td>
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<td>Total Credits</td>
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</table>

Courses

Genesees environmental studies faculty members apply their extensive scientific and field research experience to guide students through the curriculum. Small class sizes accommodate a greater level of learning and individual instruction. Students will learn about issues involved in protecting the environment – degradation, conservation, recycling, and replenishment. In addition to rigorous classroom instruction in mathematics and sciences, your course work will involve learning in labs and field studies.

Genesees AS degree program ensures that students will complete many of their four-year general education requirements with courses in communications, history, humanities, social science, and math. It provides the foundation for students looking to transfer to a four-year institution.

Transfer Opportunities

- SUNY College of Environmental Science and Forestry
- SUNY Brockport
- Clarkson University

Faculty

Maureen Leupold
Associate Professor of Biology

As the principal faculty member in Genesees Environmental Studies program, Maureen received her AS degree from Genesees and her BS and MS degrees from SUNY Brockport. She has done extensive field work throughout New York State, from Buffalo to the Adirondacks, and has traveled in Europe and throughout the Western Hemisphere. Maureen has written and edited numerous science publications, and was awarded the NYS Chancellors Award for Excellence in Teaching in 2006.

Marirose T. Ethington
Professor of Biology

In the nearly 20 years of teaching experience at Genesees Community College, Marirose has taught an array of science courses. She has developed online telecourses and reviewed or written science publications. She also developed and taught the Genetics and Society Honors class at GCC. Marirose received her BS and MA from SUNY Geneseo, and is a member of numerous science related associations. She received the Presidents Distinguished Service Award and SUNY Chancellors Award in 2001.

Find Out More

Admission into Genesees Environmental Studies program is open to all high school graduates and GED recipients. No specific preparation is required. For additional information call the Admissions Office at (585) 343-6800 or go to www.genesee.edu.

You may also contact our Environmental Studies faculty directly:

Maureen Leupold
Associate Professor of Biology
Genesees Community College
One College Road  |  Batavia, NY 14020
(585) 343-0055 x6394  |  maleupold@genesee.edu

About Genesees Community College

Founded in 1966, Genesees has seven campus locations serving a 2,500-square mile region in the Western New York counties of Genesees, Livingston, Orleans, and Wyoming. It is recognized for its small class size, personal attention, and cutting-edge technology applied to the teaching and learning experience.