



Why come to Syracuse for Environmental Study and Research?

- ❖ **World-Class Faculty** from sciences, social sciences, engineering, business, law, design professions, and humanities at two adjacent universities
- ❖ **Outstanding Research Facilities** including the new Life Sciences building at Syracuse University and the Syracuse Center of Excellence in Environmental and Energy Systems, a state-of-the-art green building and laboratory for indoor air quality and other environmental research (slated to open in 2009)
- ❖ **Interdisciplinary Opportunities** including concurrent degree programs in environmental science and law, management, public policy, public administration, or health
- ❖ **Collaborative Environmental Research Centers** in environmental and energy systems, urban environment and forestry, environmental finance, Great Lakes research, Native peoples and the environment, and more
- ❖ **Hands-On Experience in Diverse Ecosystems** such as the Great Lakes, the Adirondack Mountains, the Finger Lakes, and the urban environment of Syracuse



Environmental research and learning on University Hill: A confluence of many disciplines

Located atop “University Hill” in Syracuse, New York, the adjacent campuses of **Syracuse University** and the **State University of New York College of Environmental Science and Forestry** are home to a world-class array of research and teaching programs in environmental sciences and related fields. Students and faculty with environmental interests will find opportunities to work with leaders in such fields as ecology, environmental chemistry, engineering, and law, landscape architecture, land use planning, and natural resource management, as well as in architecture, communications, forestry, geology, geography, political science, and other fields.

Students can take classes at both campuses, and faculty from the two institutions frequently collaborate on research projects. Recent areas of collaboration have included assessing the impact of acid rain deposition in the Adirondacks, citizen empowerment for natural resource management in Yucatán, Mexico, the relationship between climate science and decision making in the Great Lakes region, and the geography of domestic waste treatment in the northeastern U.S. The **Office of Environment and Society** facilitates collaboration across institutional lines through seminars, seed grants, and dissemination of information about grants, research, and campus events.

Environmental programs, centers, and research projects

National and Regional Centers

- ❖ **Syracuse Center of Excellence in Environmental and Energy Systems** Including New York Indoor Environmental Quality Center
- ❖ **USDA Forest Service Urban Forest Research Unit**
- ❖ **EPA Region 2 Environmental Finance Center**
- ❖ **Great Lakes Research Consortium**

Academic Centers and Working Groups

- ❖ Adirondack Ecological Center
- ❖ Center for Community Design Research (landscape architecture)
- ❖ Center for Environmental Policy & Administration
- ❖ Center for Environmental Systems Engineering
- ❖ Center for Native Peoples and the Environment
- ❖ Center for the Urban Environment
- ❖ Collaborative Initiative for Research Ethics in Environmental Health
- ❖ Community Design Center (architecture)
- ❖ Council on Hydrologic Systems Science
- ❖ Environmental, public participation, and conflict studies, Program in the Analysis and Resolution of Conflict
- ❖ Forest Biotechnology Working Group
- ❖ Randolph Pack Environmental Institute
- ❖ SUNY Center for Brownfield Studies
- ❖ UPSTATE Institute for urban design and revitalization

Departmental degree programs

Syracuse University

- ❖ **Biology:** M.S., Ph. D. in Behavior-ecology-evolution
- ❖ Civil and Environmental **Engineering:** M.S., Ph.D.
- ❖ **Earth Sciences:** M.S., Ph.D.
- ❖ Maxwell School of Citizenship: M.P.A., Ph.D. in **Economics, Geography, Political Science, Sociology, Anthropology**
- ❖ College of **Law:** J.D.

SUNY-ESF

- ❖ Environmental **Chemistry:** M.S., Ph.D. in Chemical ecology
- ❖ Envir.l and Forest **Biology:** M.S., Ph.D. in Conservation biology, Ecology, Fish/wildlife biology, Forest pathology, Plant physiology
- ❖ Environmental Resources and Forest **Engineering:** M.S., Ph.D. in Environmental management, Forest engineering, Geo-spatial info. systems, Water resources engineering
- ❖ **Environmental Studies:** M.S., Ph.D. in Environmental communications, Land planning, Risk management, Environmental policy, Water/wetland resource studies
- ❖ Forest and Natural **Resource Management:** M.S., Ph.D. in Forest ecosystem science, Forest hydrology, Forest/natural resources policy, Natural/recreation resources management
- ❖ **Landscape Architecture:** M.L.A. in Ecological design and planning; M.S., Ph.D. in Land use planning

For links to these programs, go to enspire.syr.edu/programs.htm

Interdisciplinary academic programs, majors, and concentrations

Graduate Programs

- ❖ **Concurrent degree programs:** MPA (Maxwell School, SU) & MS or MPS (SUNY-ESF) *** MBA (Whitman School, SU) & MS (SUNY-ESF) *** MA or MS (Newhouse School, SU) & MS (SUNY-ESF) *** MS (School of Education, SU)/MS (SUNY-ESF)
- ❖ **J.D./Law and Environmental Studies** S.U. College of Law and SUNY-ESF
- ❖ **Ph.D. in Structural Biology, Biochemistry, and Biophysics** S.U., SUNY-ESF, Upstate Medical University
- ❖ **Interdisciplinary Program in Health and Environment** SUNY-ESF and Upstate Medical University
- ❖ **International Environmental Policy concentration** Professional MA in International Relations Maxwell School, S.U.
- ❖ **Graduate certificate in Environmental Decision Making** SUNY-ESF and Maxwell School, S.U.

Undergraduate Programs

- ❖ **Environmental Science,** SUNY-ESF
- ❖ **Biotechnology,** SUNY-ESF
- ❖ Joint **Biology/Earth Science,** S.U.
- ❖ **Forest Ecosystems Science,** SUNY-ESF
- ❖ **Nat. Resource Management** SUNY-ESF
- ❖ **Urban Envir. Science** (minor) SUNY-ESF
- ❖ **Alternative Energy** (minor) SUNY-ESF

For links to these programs, go to enspire.syr.edu/programs-centers.htm

For more information, contact

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