

SUNY-ESF (PARTNER INSTITUTION)

1 Forestry Drive, Syracuse, NY 13210
www.esf.edu/ (<https://www.esf.edu/>)

About the College

State University of New York
 College of Environmental Science and Forestry (ESF)

Office of the President
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The State University of New York College of Environmental Science and Forestry (ESF) adjoins the Syracuse University campus and is closely associated with the University. The College is a doctoral-granting institution of the State University of New York. ESF enrolls approximately 2,100 students, including 250 at the graduate level.

The College has extensive modern laboratories, classrooms, and equipment and instrumentation. Off-campus facilities include 25,000 acres of forest land across the Adirondacks, and other remote properties in New York state, used for instruction, demonstration, and research. Two-year programs leading to the associate's degree in forest technology, land surveying technology, and environmental and natural resources conservation are offered at The Ranger School in Wanakena, New York.

A variety of master's and doctoral programs are also available at ESF. Syracuse University juniors and seniors are invited to learn more about these programs and about ways to accelerate admission into graduate programs by inquiring at 227 Bray Hall.

ESF students have the same privileges as SU students with regard to use of dining halls, library facilities, testing services, and athletic and recreational facilities. They also share the wide range of social and cultural resources available at the University. Students at ESF and Syracuse University take courses on both campuses to enrich and complement their major programs.

Undergraduate Programs

ESF - Undergraduate Programs

The College offers undergraduate study in the following areas:

Degree Programs and Areas of Study

The College is authorized to award the following undergraduate degrees. Enrollment in programs that are not registered or otherwise approved programs may jeopardize a student's eligibility for certain financial aid programs. Further descriptions and coursework requirements of the individual academic programs may be found online at Undergraduate Programs (esf.edu) (<https://www.esf.edu/academics/undergraduate/>).

Associate in Applied Science (A.A.S.)

- Environmental and Natural Resources Conservation (HEGIS Code 5403)
- Forest Technology (HEGIS Code 5403)
- Land Surveying Technology (HEGIS Code 5309)

Bachelor of Landscape Architecture (B.L.A.)

Landscape Architecture (HEGIS Code 0204)

Bachelor of Science (B.S.)

- Aquatic and Fisheries Science (HEGIS Code 0115)
- Biochemistry (HEGIS Code 0414)
- Bioprocess Engineering (HEGIS Code 0905)
- Biotechnology (HEGIS Code 0499)
- Chemical Engineering (HEGIS Code 0906)
- Chemistry (HEGIS Code 1905) with options in biochemistry and natural products, environmental chemistry, natural and synthetic polymer chemistry.
- Conservation Biology (HEGIS Code 0420)
- Construction Management (HEGIS Code 0599)
- Environmental Biology (HEGIS Code 0420)
- Environmental Education and Interpretation (HEGIS Code 0499)
- Environmental Health (HEGIS Code 0420, beginning fall 2014)
- Environmental Resources Engineering (HEGIS Code 0999)
- Environmental Science (HEGIS Code 0420) with options in renewable energy, environmental information and mapping, watershed science, health and the environment, earth and atmospheric systems science or environmental analysis
- Environmental Studies (HEGIS Code 0201) with options in natural systems applications; environmental policy, planning and law; or environment communication, and society.
- Forest Ecosystem Science (HEGIS Code 0114)
- Forest Health (HEGIS Code 0114)
- Forest Resources Management (HEGIS Code 0115)
- Natural Resources Management (HEGIS Code 0115)
- Paper Engineering (HEGIS Code 0999)
- Renewable Materials Science (HEGIS Code 0999)
- Sustainable Energy Management (HEGIS Code 0115)
- Sustainability Management (HEGIS Code 0420)
- Wildlife Science (HEGIS Code 0107)

ESF Academic Minors

ESF offers a variety of Academic Minors that are open to Syracuse University students. Each ESF minor, like other traditional academic minors offered by Syracuse University's various schools and colleges, includes at least 18 credit hours of coursework. ESF's minors focus on a variety of areas of specialized study of the environment, ranging from landscape architecture to natural resources and environmental policy.

Please see list and description of ESF Minors available to Syracuse University students under Academic Offerings (<https://coursecatalog.syracuse.edu/academic-offerings/suny-esf-partner-institution/#acadoffer>).

Graduate Programs

ESF Graduate Programs

The College offers graduate study in the following areas:

The College is authorized to award the following graduate degrees. Enrollment in programs that are not registered or otherwise approved programs may jeopardize a student's eligibility for certain financial aid programs. Further descriptions and coursework requirements of the individual academic programs may be found online at Graduate Programs (esf.edu) (<https://www.esf.edu/academics/graduate/>).

Advanced (Graduate) Certificates

- Climate and Sustainability Leadership (HEGIS Code 4999)
- Environmental Decision Making (HEGIS Code 0420)
- Environmental Leadership (HEGIS Code 2102)
- Environmental Justice and Inequality (HEGIS Code 2299)
- Science and Environmental Communication and Public Relations Management (HEGIS Code 0601)

Chemical Engineering (HEGIS Code 0999)

- Bioprocess Engineering M.P.S., M.S., and Ph.D.
- Biomaterials Engineering M.S. or Ph.D.
- Paper Science & Engineering M.P.S., M.S., and Ph.D.
- Sustainable Engineering Management M.P.S.

Chemistry (HEGIS Code 1905)

- Environmental Chemistry M.P.S., M.S., and Ph.D.

Environmental Biology (HEGIS Code 0499)

- Environmental Biology M.P.S., M.S., and Ph.D.

Environmental Resource Engineering (HEGIS Code 0999)

- Environmental Resources Engineering M.P.S., M.S., and Ph.D.

Environmental Science (HEGIS Code 0420)

- Environmental Science M.P.S., M.S., and Ph.D.

Environmental Studies (HEGIS Code 0420)

- Environmental Studies M.P.S. or M.S.
- Graduate Certificates (<https://www.esf.edu/academics/certificates/>)
 - Environmental Decision Making (<https://www.esf.edu/academics/certificates/environmental-decision-making.php>)
 - Environmental Justice and Inequality (online, with ESF Open Academy) (<https://online.esf.edu/certificates/environmental-justice-inequality.php>)
 - Environmental Leadership (online, with ESF Open Academy) (<https://online.esf.edu/certificates/environmental-leadership.php>)
 - Science and Environmental Communication and Public Relations Management (online, with ESF Open Academy) (<https://online.esf.edu/certificates/communication.php>)
- M.P.S. in
 - Environmental Leadership, Justice, and Communication (online, with ESF Open Academy) (<https://www.esf.edu/academics/graduate/eljc.php>)

Landscape Architecture (HEGIS Code 0204)

- Master of Landscape Architecture (M.L.A.) (<https://www.esf.edu/academics/graduate/mla.php>)

- Master of Science in Landscape Architecture (M.S.) (<https://www.esf.edu/academics/graduate/msla.php>)

Sustainable Resources Management (HEGIS Code 0115)

- Forest Resources Management M.P.S., M.S., and Ph. D.
 - Areas of Study:
 - Ecology & Ecosystems
 - Economics, Governance & Human Dimensions
 - Forest Management & Silviculture
 - Monitoring, Analysis & Modeling
- Natural Resources Management M.P.S., M.S., and Ph. D.
- Sustainable Energy M.P.S., M.S., and Ph. D.
- Forest Management & Operation M.F.

Sustainable Construction Management (HEGIS Code 0999)

- Sustainable Construction Management M.P.S., M.S., and Ph. D.

Programs

Minor

- Bioprocess Science Minor (<https://coursecatalog.syracuse.edu/undergraduate/suny-esf/bioprocess-science-minor/>)
- Construction Management Minor (<https://coursecatalog.syracuse.edu/undergraduate/suny-esf/construction-management-minor/>)
- Landscape Architecture Studies Minor (<https://coursecatalog.syracuse.edu/undergraduate/suny-esf/landscape-architecture-studies-minor/>)
- Paper Science Minor (<https://coursecatalog.syracuse.edu/undergraduate/suny-esf/paper-science-minor/>)
- Recreation Resource And Protected Area Management - ESF Minor (<https://coursecatalog.syracuse.edu/undergraduate/suny-esf/recreation-resource-protected-area-management-esf-minor/>)
- Renewable Energy - ESF Minor (<https://coursecatalog.syracuse.edu/undergraduate/suny-esf/renewable-energy-esf-minor/>)
- Sustainable Construction Management Minor (<https://coursecatalog.syracuse.edu/undergraduate/suny-esf/sustainable-construction-management-minor/>)