Teacher and School Benefits

- Students experience college-level work while still in high school.
- Students explore diverse interests and career opportunities in STEM fields as well as management, policy, design and law.
- Qualified teachers receive adjunct faculty status at SUNY-ESF.
- Schools develop a partnership with an institution of higher education.
- Teachers receive training and development to support their instruction.
- On-line access to ESF Library resources.

ESF in the High School classes have the opportunity for day field trips to ESF’s main campus in Syracuse, NY, our regional campuses in the Adirondacks and field stations across NY State. In-school presentations and demonstrations by ESF faculty, staff and students are also available. Students and teachers receive on-site access and borrowing privileges at the ESF Moon Library. Students participating in the Global Environment class are eligible to participate in the Environmental Summit, held each Spring at SUNY-ESF. At the Summit students can present their individual or group research in an oral or poster presentation.

ESF College Acceptance

Freshman admission is highly selective, with the College normally admitting approximately 45% of high school seniors who apply. Completion of “B” or higher has been shown to significantly increase an applicant’s chances of acceptance. The College’s Admission Committee views high grades earned in an ESF in the High School course as an indication of student’s ability to succeed in ESF’s rigorous academic programs.

Additional Opportunities

ESF in the High School

Dr. Rick Beal
SUNY-ESF
ESF in the High School
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Syracuse, NY 13210
Phone: 315-470-6817
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Environmental problems make headlines every day.

Understanding the complex scientific and social issues behind these headlines, coupled with the ability to critically solve problems, is a requirement in the work place today. This need not only applies to those individuals in the STEM fields but to everyone across the education spectrum. Everyday people are being called upon to help shape their environmental future. The ESF in the High School and ESF Science Corps programs can help your students prepare to be leaders in the stewardship of both our natural and designed environments and be the effective citizens required for the 21st century.

**ESF in the High School** is a high school dual enrollment college credit program that enables qualified students to:

1. Earn college credit through special courses taught while in high school.
2. Experience the challenge of doing college level course work.
3. Understand the complex scientific and social issues behind environmental problems.
4. Learn and explore diverse interests and career opportunities in environmental science, engineering, management, and design along with related areas such as law, communications, technology and medicine.

**SUNY-ESF**

The State University of New York College of Environmental Science and Forestry (SUNY-ESF) in Syracuse is one of only nine doctoral-granting institutions in the sixty-four campus State University of New York (SUNY) system. ESF is an urban campus with eight regional campuses and field stations distributed across 25,000 acres in Central and Northern New York, ranging from the Appalachian highlands and Great Lakes basin to the St. Lawrence River and the Adirondack Mountains. As a result, ESF is one of the largest campuses in the United States dedicated to education, research and demonstration in environmental science, engineering and technology, policy and management, and planning and design. ESF is the SUNY Sustainable and Renewable Energy Center.

ESF was ranked among the nation’s top universities in the 2014 edition of U.S. News and World Report’s annual list of America’s Best Colleges in the categories of “Best National Universities”, “Best Value Schools” and “Top 50 Public National Universities”. According to the 2013-14 college annual report, approximately 89% of ESF’s faculty is actively and successfully pursing state and federal research money.

**Courses Offered, some examples**

**Global Environment** 3 credits (EFB 120): Students explore the linkages between local, rural, urban and suburban communities and the larger global ecosystem. Key environmental science themes and critical thinking skills form the basis for instructional activities.

**Writing and the Environment** 3 credits (EWP190): Students must have passed the English 11 Regents with a minimum grade of “80”.

**Introduction to Renewable Energy** 2 credits (FCH496): Considers the question of why we need to start thinking of alternative forms of energy to supply our increasing needs as a modern society. Includes the science behind several technologies.

**Research Problems** 1 credit (EFB498): Students can conduct an independent research project, write a report, and present the information via poster, presentation or other means.

**Prerequisites**

Global Environment (EFB120): students must have successfully completed NYS Regents Earth Science, NYS Regents Biology, and have successfully completed or are enrolled in NYS Regents Chemistry.

Writing and the Environment (EWP190): students must have passed the English 11 Regents with a minimum grade of “80”.

**Student Cost**

The cost for a 3 credit course is $780.00, however special ESF Scholarships reduce the cost per 3 credit course to $200. Similar reductions are in effect for 2 and 1 credit courses. Students who participate in the Free/Reduced lunch program may receive additional scholarship monies to reduce course fees to $75 for a 3 credit courses.

**Credits and Grades**

Credits and grades earned are recorded as part of each student’s permanent record which can be transferred to other colleges and universities throughout the United States. Official transcripts are available through the ESF Registrar’s Office. While acceptance at other colleges is not and cannot be guaranteed, credits earned with grades of C or higher typically can be applied to undergraduate degree requirements at these institutions.