



## What some people say about their ESF Education

**Katherine Kitney, graduate student in physical chemistry, University of Colorado at Boulder.**

*"I have been meaning to write to Dr. Hassett (chemistry faculty chair) to tell him how grateful I am to the chemistry department at ESF. There have been so many times in the last two semesters that I have silently thanked one professor or another for some specific skill I learned there. I had a really good experience there; it is a very, very good place to learn!"*

## ESF Chemistry Facts:

- ESF Chemistry graduates find outstanding employment opportunities all over the country and right here in Central New York.
- ESF Chemistry students participate in cutting edge research leading to co-authorship of papers in leading scientific journals.
- ESF Chemistry graduates are accepted at top graduate schools and medical schools such as Cornell, Buffalo, Colorado, Duke, and University of California campuses in chemistry and related fields.
- ESF Chemistry graduates go on to leadership roles in industry, government, and academia.



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The chemistry curriculum builds a strong foundation in the traditional areas of Chemistry (Analytical, Inorganic, Organic and Physical Chemistry) then adds strength in one of three options:

- biochemistry and organic chemistry of natural products
- environmental chemistry
- natural and synthetic polymer chemistry.

Each option offers an advanced course of study beyond the usual courses of a traditional undergraduate chemistry curriculum. All options are excellent grounding for professional work after graduation or for advanced graduate study. Thus, students enjoy the advantages of a standard Chemistry program and the added value of a specialty aligned with the needs of the 21st Century.

The department's home is the 71,000 square foot, Edwin C. Jahn Laboratory, which was completed in October, 1997. In addition to normal classroom and laboratory instruction, students perform cutting-edge research. Students at all levels are encouraged to become involved with research, and two out of three students do so before their senior year. All seniors must perform an independent research project. Students commonly present their research results at local and even national scientific meetings.

## Why Study Chemistry at ESF

**A Rigorous Education:** Chemistry faculty bring their expertise in cutting edge research to the classroom, providing an education that is grounded in the latest knowledge and real-world examples. Also, in addition to the usual chemistry courses, undergraduates take three introductory graduate level classes, which looks very attractive to employers.

Employers value the education our students receive: 95% of our students are employed in chemistry or accepted into graduate or medical school within 3 months of graduating from ESF.

**Personal Attention:** Upper-level courses for chemistry majors usually have enrollments of only 5-15 students, so chemistry majors get personal attention from the professors. All courses are taught by professors, not graduate students.

**Improving the World:** Many students were drawn to ESF due to the way chemistry is used in our varied specialties to find ways to improve our world:

- Finding better ways to generate energy.
- Discovering new, useful natural and synthetic materials.
- Making better use of our natural resources.
- Finding new medications and ways to deliver medicines.
- Understanding natural processes and the impacts of human activities on our environment.



## For More Information

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# SUNY-ESF CHEMISTRY

Bachelor of Science Degree



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