

PROGRAMS OF STUDY



Biology
Chemistry
Computer Science
Engineering (3-2)
Environmental Engineering
Marine and Environmental Education
Medical Technology
Mathematics
Pharmacy (3+3 or 2+3) in Biology
Pharmacy (3+3 or 2+3) in Chemistry
Interdisciplinary Environmental Studies Major

SCHOOL OF SCIENCES. The School of Sciences consists of the Department of Biology, the Department of Chemistry, and the Department of Mathematics, Computer Science and Engineering. These disciplines share a common mission, purpose and function. The common mission exists to provide Saint Francis University an environment in which one can integrate the theory and practice of a broad variety of problem-solving, quantitative, logical, practical, and analytical skills to enhance the intellectual development and communication abilities of its students in order that they can and will be successful in their chosen careers, and also to be successful in graduate school or a professional path.

Updated 6/2010

School of Sciences highlights and features:

- Excellent faculty, balanced curriculum, and the success of our alumni.
- Graduates are prepared to advance in any one of many fields requiring a background in the sciences to successfully complete graduate programs or seek employment.
- Numerous outreach efforts such as Science Day, Darwin Day, Rural Outreach Chemistry for Kids (ROCK), DiSepio Technology Day, Math Day, Pi Day.
- Multiple concentrations allow many student options.
- Students have unique opportunities to conduct undergraduate research during the school year and in the summer, even as early as following freshman year.
- Collaborative initiative with the science department of Juniata College to participate in the Raystown Lake Field Station Immersion Semester.



Heather Harteis, 2010
Chemist, researcher, leader

Heather received the Chemical Rubber Company Freshman Achievement Award in '07, the Fr. Albert Dreisch/Avian Technologies Award for Excellence in Organic Chemistry in '08, and the American Chemical Society Student Affiliates Leadership Award in '09. She is finishing her fourth year of undergraduate research in organic and peptide chemistry. Her poster presentation at the local American Chemical Society "In Miniature" symposium in '09 received a "Best Undergraduate Poster Presentation" Award. In addition to conducting research at Saint Francis University, Heather also has participated in the Research Experience for Undergraduate program at the University of Arizona in the summer of '09.

School Vision:

The disciplines of the School of Sciences share a common vision of being centers of excellence where the faculty and students are to be the leaders in their chosen areas and professions and to make significant contributions in these professions. These disciplines have a significant service component. Not only is there a focused provision for the education of each program's own students, but each also provides service to many other departments at the University, and to the surrounding community.

Competitive Advantages:

- Students get a solid, competitive science education allowing them to attend the most prestigious graduate schools and medical schools, and find excellent careers in industry and government.
- Students are actively involved in undergraduate research. Faculty has been highly successful in receiving external funding for the enhancement of undergraduate science education, both in the classroom and in the laboratory.

- Faculty in the School of Sciences have received numerous teaching awards and accolades.
- School has a strong service component to the community and one another.

Graduate Placements:

School of Sciences graduates from '06 – '10 classes are pursuing graduate studies at Duquesne University (Chemistry), Illinois College of Optometry, Iowa State University (Veterinary School), Lake Erie College of Osteopathic Medicine (Medical School, Pharmacy School), Logan College of Chiropractic, Notre Dame University (Chemistry), Ohio State University (Chemistry, Veterinary Medicine), Pennsylvania College of Optometry, Pennsylvania State University (Chemistry, Ecology, Geological Sciences, Medical School), Philadelphia College of Osteopathic Medicine, Syracuse University (Chemistry), Temple University (Pharmacy), University of Maryland (Chemistry, Dental School), University of Pittsburgh (Chemistry, Education), University of South Carolina (Chemistry/Biochemistry), University of Toledo (Chemistry), West Virginia University (Medical School, Dental School).

REACHING HIGHER

Many Saint Francis chemistry students are involved in Rural Outreach Chemistry for Kids (ROCK), which demonstrates through experiments the exciting world of chemistry.

GOING FAR

Edward Pollock '05
Biology major
Full-time employee with the PA Department of Environmental Protection.

Kathryn Knorr '08
Chemistry/Forensics
Works as a Physical Scientist, Forensic Examiner with the Department of Justice in Quantico, VA.

Michael Sharbaugh '08
Mathematics major
Works as a budget analyst with the Department of Defense in Fort Meade, MD.

Shari Mullen '09
Marine Biology major
In the Marine Biology Ph.D. Program at the University of Maryland, Eastern Shore.

For more information, please contact:

Dr. Balazs Hargittai
Interim Dean,
School of Sciences
Saint Francis University
P.O. Box 600
Loretto, PA 15940-0600
814.472.2814
bhargittai@francis.edu