

CHEMISTRY

DEPARTMENT OF CHEMISTRY COLLEGE OF ENGINEERING AND SCIENCE

WHAT CAN I DO WITH A CHEMISTRY DEGREE?

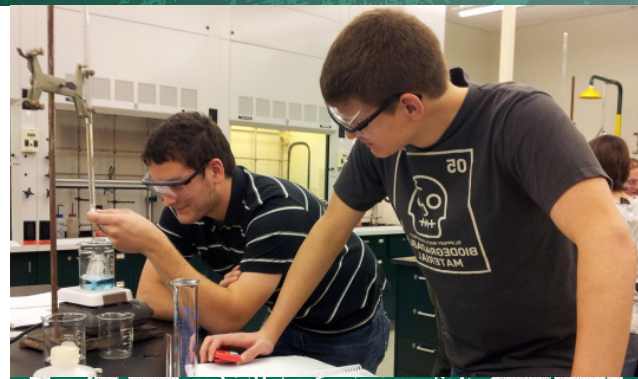
The Bureau of Labor Statistics reports the mean salary of chemists to be more than \$90,000 annually. Career opportunities in this field include pharmaceutical and medicine manufacturing, scientific research and development, and careers in the petroleum and natural gas industry. Chemistry graduates are also well-positioned to pursue entrance into a number of graduate programs including pharmacy school, medical school, other health-related graduate programs, education, and chemistry doctoral programs.

CHEMISTRY AT SRU

Slippery Rock University's Chemistry program has a strong commitment to student success. Our experienced, diverse, and caring faculty are enthusiastic about teaching in both the classroom and the laboratory. They advise students at every step of their academic programs. The department offers five scholarships annually as well as meaningful extracurricular activities. Simply put, the Chemistry major provides a well-rounded and rock-solid educational experience that prepares students for exciting careers and to be well-informed citizens.

WHY CHOOSE SRU CHEMISTRY?

- 1. Small, hands-on labs:** Introductory labs are capped at 24 students and upper-level labs at 14, providing hands-on experience and opportunities for one-on-one interaction with professors.
- 2. Experienced faculty:** Students will be taught by full-time faculty members, not graduate assistants, who bring real-life examples, research, and industry experience to enhance the learning experience.
- 3. Projects and research with faculty:** Chemistry majors have numerous opportunities to collaborate with faculty in undergraduate research. These collaborative research opportunities are a long-standing departmental tradition. All undergraduates should seriously consider experiencing this high impact practice.
- 4. Support and guidance:** Every undergraduate is assigned an academic adviser to guide them through their program of study and help them make decisions about educational and career goals.
- 5. Accredited by the American Chemical Society:** Accreditation means that our program meets or exceeds the industry standards developed by experts in the field.



MAJORS

Chemistry (BA)

- Pre-Masters of Education

Chemistry (BS) – ACS certified

- Applied Chemistry
- Biochemistry
- Chemistry Education
- Pre-Health Professions

MINORS AND CERTIFICATES

- Chemistry

ACCELERATED PROGRAMS AND AFFILIATIONS

- Accelerated 2+4 Pre-Pharmacy (Duquesne)*
- Accelerated 3+4 Pre-Pharmacy (Duquesne)*
- Accelerated 3+3 Pre-Pharmacy (LECOM)*
- Accelerated 3+2 or Traditional Pre-Physician Assistant (SRU)*

SlipperyRock
University®

A member of Pennsylvania's State System
of Higher Education

GO ROCK, GO ANYWHERE | www.sru.edu

GO ROCK, GO ANYWHERE

INTERNSHIP OPPORTUNITIES

SRU Chemistry students have completed internships at various locations including:

- Calumet Specialty Products
- Chromaflo Technologies
- Medical Examiner's office of Allegheny County
- Sonneborn Chemicals

CAREER OUTCOMES

While many SRU Chemistry majors will continue their education after earning their bachelor's degree, graduates have secured careers in the following areas:

- Quality assurance scientist – Mylan
- Alternative raw material chemist – Chromaflo Technologies
- Commercial technology chemist – Sonneborn LLC
- Research technician – Covestro
- High school teacher – New Castle High School

CLUBS AND ORGANIZATIONS

- Chemistry Club
- Alpha Chi Sigma – Professional honors Chemistry fraternity

*Slippery Rock University (SRU) is required by the State Authorization Reciprocity Agreement and US Department of Education to notify you whether our program meets the academic licensure/certification requirements in another state. All jurisdictions have their own requirements for licensure/certification eligibility. SRU is approved to offer programs that may lead to licensure/certification in Pennsylvania. We are unable to determine our program's eligibility in states other than PA. Please review the licensing board contact resource at www.sru.edu/licensure-certification to seek guidance on the requirements of licensure in your home state or where you would like to practice professionally. Note that state requirements are subject to change at any time and without notice.



ALUMNI SPOTLIGHT

Brock Salvatore – SRU class of 2024 Senior Field Clinical Representative, Boston Scientific

"Slippery Rock's Chemistry Department has pushed me to be the best version of myself possible. You will get what you put in from this degree with their support every step of the way. My professors have been a wealth of knowledge and provide valuable guidance, making them some of my best resources as a student at SRU."

Cameron Pagley – SRU class of 2024 Particulate Scientist, Gateway Analytical

"The faculty is truly the most supportive group of professors I have experienced at SRU. Every professor genuinely wants you to succeed. I feel like the curriculum does a good job of preparing you for industry/post-grad schooling. Labs do a very good job of preparing students regarding learning how to read/find literature and how to write research papers."

Ashley Roland – SRU class of 2017

"My time and accomplishments at SRU have solidified my long term goal and commitment to pursuing an advanced degree in pharmacy as well as afforded me opportunities, which have prepared me for this journey into LECOM School of Pharmacy. There is still so much to learn, but I am confident that I am well prepared for the academic work, professional standards, and personal requirements needed to become a pharmacist, all thanks to my time at SRU."

ACADEMIC CONTACT:

Advanced Technology and Science Hall
Thaddeus T. Boron, III, chairperson
thaddeus.boron@sru.edu
724.738.2496

FOR MORE INFORMATION:

www.sru.edu/majors

ADMISSIONS OFFICE:

North Hall Welcome Center
asktherock@sru.edu
724.738.2015