

# CHEMISTRY, BACHELOR OF SCIENCE (BS) - CONCENTRATION IN PRE-HEALTH PROFESSIONS

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The Slippery Rock University Chemistry Degree is certified by the American Chemistry Society or ACS. In order to earn ACS certification, students must complete 2 credits of Independent Study and 1 credit of Research in addition to the BS requirements. Students can also choose an option concentration in order to broaden their background in chemistry or to gain additional experience if they wish to pursue other interests.

Concentrations are available in the following areas:

- Biochemistry
- Computational Chemistry
- Education
- Environmental Chemistry
- Forensic Chemistry
- Health Sciences

## Program Learning Outcomes

- Students will demonstrate knowledge of the main disciplines of chemistry, namely *Organic, Analytical, Biological, Physical, and Inorganic* chemistry. (SRU UG 2, 3, 4, 5)
- Students will demonstrate development of technical skills for practical applications of chemistry. (SRU UG 2, 3, 4, 5)
- Students will present collected experimental data in written and oral reports. (SRU UG 1, 2, 3, 4, 5)
- Students and faculty will participate in faculty-led research projects. Students are expected to be actively working in the laboratory under the supervision and guidance of a faculty mentor. (SRU UG 1, 2, 3, 4, 5)

## Related Links

Chemistry - Health Sciences, BS Program Page (<https://www.sru.edu/academics/majors-and-minors/chemistry-health-sciences/>)

Professional Licensure/Certification Page (<https://www.sru.edu/students/student-consumer-information/professional-licensures/>)