This major provides students with core instruction and excellent research opportunities, including the opportunity to engage in a research project with scientists in the Chemistry department. Students may select a Bachelor of Arts degree or one of four Bachelor of Science degrees, giving them the chance to focus in the areas of Research, Chemical Nanoscience, or Chemical Biology.

**BACHELOR OF SCIENCE (BS) REQUIREMENTS OVERVIEW**

**Eight Lower Division Courses**
- Fundamentals of Physics I: Mechanics and Thermodynamics
- Fundamentals of Physics II: Electricity and Magnetism
- Fundamentals of Physics III: Optics and Modern Physics
- General Chemistry A & B
- Calculus I, II, and III

**Ten Upper Division Courses**
- Analytical Chemistry
- Organic Chemistry A & B
- Physical Chemistry A & B
- Physical Chemistry Measurements
- Advanced Inorganic Chemistry
- Advanced Laboratory Techniques in Organic and Inorganic Chemistry
- Advanced Organic Chemistry
- Directed Research

For Bachelor of Arts (BA) requirements, please visit the USC Course Catalogue

**EXPERIENTIAL OPPORTUNITIES**

- **National Science Foundation Research Experience for Undergraduates:** A 10-week summer program offered to undergraduate students who work one-on-one in a lab with a faculty advisor and a graduate student mentor.

- **Freshman Science Honors Program:** FSH allows exceptional freshmen to study in an enriched first year science sequence, featuring smaller classes and access to lectures, tours, and field trips.

- **Supplemental Instruction:** This academic support program provides regularly scheduled, peer-led study sessions for common Biology, Chemistry, Math, and Physics courses.

- **The Trojan Chemistry Club:** A very active student-run undergraduate organization, the Trojan Chemistry Club organizes student-faculty luncheons, hosts receptions for new students, and participates in on-campus events for visiting local high school students.

For additional information, including all major requirements, please consult the USC Catalogue or [http://chem.usc.edu/undergraduate/ugraddegprogs.html](http://chem.usc.edu/undergraduate/ugraddegprogs.html)