

explore majors with OAAS!

The Office for Academic Advising Support
773-325-7431



Major: Biochemistry, BS

This degree plan contains the foundational chemistry courses in all 5 subdisciplines (organic, inorganic, biochemistry, analytical, and physical chemistry) and general and cell biology. This program offers more upper-level chemistry courses that are required for BS Biochemistry students to pursue more in-depth interests in chemistry and biochemistry.

What skills do students develop in this program?

Students gain hands-on, in-depth laboratory experiences in the core courses, including analytical chemistry lab, instrumental analysis, biochemistry lab, inorganic chemistry lab, and physical chemistry lab. This prepares students for careers that involve analytical and critical thinking, and problem-solving skills. The intensive lab-based nature and in-depth upper-level electives allow students to gain critical thinking skills in multiple capacities.

What kind of student is a good fit for the BS in Biochemistry?

Students who have a strong interest in biochemistry, who are hard working and detail-oriented, and mathematically inclined are a good fit for a BS in Biochemistry.

Are there any popular classes in the program that you would suggest or recommended classes for a student who is just starting to explore the major?

- BIO 191: General Biology I
- CHE 130 and CHE 131: General Chemistry I (lecture and lab)

What are examples of internships and/or research opportunities that students in this major are currently working on or have access to as majors in this program?

All faculty in Chemistry and Biochemistry who are research-active love having our majors in their labs. Students commonly fulfill their Experiential Learning requirement by performing research for credit. There are funding opportunities within DePaul that students can apply for along with their research advisor to have paid research experiences in the summer and academic year. Also, the College of Science and Health has a Dean's Fellowship program with external summer research opportunities, many of which a BA in Biochemistry major would be eligible to apply for.

What are students doing after graduation?

Many of our graduates get jobs right out of DePaul, working as research technicians or in some other industry related to their experiences here. Another subset of students attend graduate school (Chemistry or Biochemistry MS or PhD, law school, etc.), and the rest attend professional schools in the health professions (pharmacy, medicine, etc.).