

Bachelor of Science, American Chemical Society (ACS) Certified

1ST YEAR

2ND YEAR

3RD YEAR

4TH OR FINAL YEAR

WHERE COULD I GO AFTER GRADUATION?

GET THE COURSES YOU NEED

- Take CH 151, CH 152, MA 151, MA 152, EN 101, WU 101, and two general education courses
- For degree requirements, visit the Degrees page on the Chemistry Department website

- Take CH 340, CH 341, CH 342, CH 343, MA 153, MA 241, PS 281, and three general education courses
- Begin saving spectra from chemistry laboratory courses for use in your instrument portfolio that needs to be turned in before graduation

- Take CH 320, CH 321, CH 345, CH 346, CH 362, CH 386, CH 390, PS 282, MA 301, CM 111, and a math elective course
- Talk with the chemistry professors about their research and select a research project.
- Complete the Research Project Selection Form

- Take CH 350, CH 381, CH 382, CH 385, CH 391, two general education courses, and other elective courses (minimum of 9 credit hours)
- Apply for graduation
- Submit instrument portfolio

GET RELEVANT EXPERIENCE

- Join the Washburn Chemistry Club and Biology Club.
- Consider participating in one or more Washburn Transformation Experience (WTE) programs, including the Leadership WTE.
- Attend scientific meetings such as local or regional American Chemical Society (ACS) Meetings and the Annual Meeting of the Kansas Academy of Science

- Consider being a chemistry tutor for first-year chemistry courses.
- Consider doing K-INBRE funded research.
- Volunteer on and off campus with Washburn Chemistry Club – science demonstrations for K-12 students, Ad Astra Kansas Space Celebration, and Women in Science Day

- If you have completed research, consider presenting the results at scientific meetings and/or the Apeiron at Washburn.
- Look into summer NSF REU programs or other research opportunities in the summer

- Investigate requirements for careers or professional school related to your interests. Assess what experience you are lacking and fill in gaps with leadership roles, additional research, and presentations

POST-GRAD PREPARATION

- Consider career options – peruse the “What Can I Do With This Major?” website.
- Discuss career options with your advisor

- Use the ASBMB Career Paths website to explore careers specific to biochemistry
- Prepare for work or studies in a multi-cultural environment by attending international Brown Bag lectures

- Focus on areas of interest and research requirements. Consider what careers require further education. If needed, prepare to take any required tests (like MCAT or GRE)

- Prepare your resume and apply for jobs, or submit application for graduate school or professional school.
- Consider applying for research fellowships

- Health departments
 - Forensics laboratories
 - Environmental chemistry laboratories
 - Chemical industry
 - Pharmaceutical industry
 - Petroleum industry
 - Plastics industry
 - Food industry
 - Cosmetics industry
 - Waste management
 - Teaching/Education
 - Sales and marketing
 - Technical writing
 - Scientific journalism
 - Scientific publishing
 - Scientific computer software development
 - Graduate school
 - Medical school
 - Dental school
 - Pharmacy school
 - Optometry school
 - Law school
- Some careers require additional education/training.*

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www.washburn.edu
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INFORMATION