



Chemistry and Pre – Health Studies

<http://www.butler.edu/postgraduate>



Requirements for medical, dental, veterinary or optometry schools.

Pre – med

General chemistry with lab (CH105 & CH106 or CH107)
Biological sciences with lab (BI120-123)
Organic chemistry with lab (CH351 & CH352)
Physics with lab (PH107 & PH108 or PH201 & PH202)
Medical College Admission Test (MCAT)

Pre - dent

General chemistry with lab (CH105 & CH106 or CH107)
Organic chemistry with lab (CH351 & CH352)
Biological sciences with lab (BI120-123, BI301, BI303, BI322)
Physics with lab (PH107 & PH108 or PH201 & PH202)
Biochemistry (CH461)
Introduction to Psychology (PS101)
Dental Admission Test (DAT)

Pre - vet

General chemistry with lab (CH105 & CH106 or CH107)
Biological sciences with lab (BI120-123, BI357, BI410)
Organic chemistry with lab (CH351 & CH352)
Physics with lab (PH107 & PH108 or PH201 & PH202)
Biochemistry (CH461 and CH462)
Mathematics (MA106, MA107 and MA162)
Graduate Record Exam (GRE)

Pre - opt

General chemistry with lab (CH105 & CH106 or CH107)
Biological sciences with lab (BI120-123, BI410)
Organic chemistry with lab (CH351 & CH352)
Physics with lab (PH107 & PH108 or PH201 & PH202)
Mathematics (MA106 and MA162)
Psychology (PS101)
Optometry Admission Test (OAT)

Some programs may have additional requirements. For more information contact Postgraduate Studies (JH153) or your advisor.

FAQ's . . .

- How are my critical thinking skills? Take tough courses and push yourself in the classroom.
- How do I deal with problems without an easy answer? Talk to a faculty member and become engaged in undergraduate research.
- Do I know what it means to be a health care provider? Spend some time shadowing.
- How are my communication skills? Give presentations at local meetings such as the Undergraduate Research Conference in April or at a regional or national meeting.
- How do I deal with people? Become a teaching laboratory assistant and work on your people skills.
- Do I know what it means to do service? Volunteer through the Volunteer Center at Butler, a student group or a local care provider.
- Are out of classroom experiences more important than good grades? A typical overall GPA accepted to medical school is about a 3.7 with an MCAT of almost 30. You make the call.
- What if I change my mind? A strong background in chemistry will open doors to other options such as graduate school in chemistry or a job in the chemical industry.
- Is chemistry a “good major” to get into a professional program? It is if you enjoy it.
- When does the application process start? Prerequisite courses should be finished by the end of the third year. Standardized exams are taken at the end of the third year or the beginning of the fourth.
- Is it possible to be a member of an athletic team? Yes, a number of Butler’s student-athletes are pre - med. It takes planning and time management but it can definitely be done.
- Will I have flexibility in scheduling courses? Though there are specific requirements and your academic advisor will make some suggestions on how the courses fit together, there is not a specific “track” of courses.