

BIOCHEMISTRY MAJOR

Bachelor of Science in Biochemistry (Four-Year Plan)

Academic planning is the student's responsibility. This Graduation Plan is designed to be a guide to assist students as they plan their course selections. This is only a suggested schedule, and is not a substitute for a student's Degree Audit, nor the Program Requirements in the Judson University Catalog. Actual course selections should be made with the advice and approval of an academic advisor. Students should become familiar with the catalog in effect at the time at which they entered the institution. Course requirements and sequencing may vary with AP courses, transfer courses, English/math placement, or other conditions.

A full-time course load for undergraduate students is 12-18 credits per semester. Illinois residents receiving state aid should register for 15 hours per semester.

Course	Title	Hours
First Year		
First Semester		
MAT211 or MAT215	Functions and Calculus I or Calculus w/Analytic Geometry I	3-5
GEN101 or ESS101	Questions of Life: Entering the Judson Conversation ¹ or Wellness	1
CHM153	General Chemistry I w/Lab	4
BIO171	Principles of Biology w/Lab	4
Hours		12-14
Second Semester		
ENG101	Expository Writing (or ACT/SAT placement)	3
MAT216	Calculus w/Analytic Geometry II	4
CHM154	General Chemistry II w/Lab	4
BIO172	Prin of Organismal Biology w/Lab	4
Hours		15
Second Year		
First Semester		
ENG102	Critical Thinking and Writing (or ACT/SAT placement)	3
PSY111 or SOC151	Introduction to Psychology or Introduction to Sociology	3
CHM257	Organic Chemistry I w/Lab	5
SCM219	Sophomore Science Seminar	1
Biology Elective 1 ²		4
Hours		16
Second Semester		
BST110	Intro to the Christian Bible	3
SPC120	Foundations of Speech	3
CHM258	Organic Chemistry II w/Lab	5
Biology Elective 2 ²		4
Hours		15
Third Year		
First Semester		
HIS261 or HIS262	History of Civilization I or History of Civilization II	3
Physical Activity course		1
PHY237	General Physics I w/Lab	4
BCM358	General Biochemistry I w/Lab	4
Any Elective		3
Hours		15
Second Semester		
BCM471	General Biochemistry II w/Lab	4
SCM319	Junior Science Seminar ³	1

PHY238	General Physics II w/Lab	4
CHM255	Analytical Chemistry w/Lab	5
Any Elective		3
Hours		17
Fourth Year		
First Semester		
THS110	Christian Faith: Understanding and Application	3
GEN401	The Good Life: Continuing the Conversation	3
SCM419	Senior Science Seminar	1
Biology Elective 3 ²		4
Any Elective		3
Hours		14
Second Semester		
Gen Ed Visual and Performing Arts Elective		3
Gen Ed Biblical Studies Elective		3
MAT311	Probability and Statistics w/Lab	4
Biology Elective 4 ²		4
Any Elective		3
Hours		17
Total Hours		121-123

- ¹ First-time students (those entering college directly from high school) should take GEN101; transfer students should take ESS101
- ² see major audit
- ³ GEN301 equivalent