

# CHEMISTRY MAJOR

## Bachelor of Science in Chemistry (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
<b>First Year</b>		
<b>First Semester</b>		
MAT211 or MAT215	Functions and Calculus I or Calculus w/Analytic Geometry I	3-5
GEN101	Questions of Life: Entering the Judson Conversation (<24 transfer hours)	1
ESS101	Wellness	1
Physical Activity course		1
CHM153	General Chemistry I w/Lab	4
BIO171	Principles of Biology w/Lab	4
<b>Hours</b>		<b>14-16</b>
<b>Second Semester</b>		
ENG101	Expository Writing (or ACT/SAT placement)	3
MAT216	Calculus w/Analytic Geometry II	4
CHM154	General Chemistry II w/Lab	4
Biology Elective <sup>1</sup>		4
<b>Hours</b>		<b>15</b>
<b>Second Year</b>		
<b>First Semester</b>		
ENG102	Critical Thinking and Writing (or ACT/SAT placement)	3
BST110	Intro to the Christian Bible	3
CHM257	Organic Chemistry I w/Lab	5
SCM219	Sophomore Science Seminar	1
PHY237	General Physics I w/Lab	4
<b>Hours</b>		<b>16</b>
<b>Second Semester</b>		
THS110	Christian Faith: Understanding and Application	3
PHY238	General Physics II w/Lab	4
CHM258	Organic Chemistry II w/Lab	5
Any Elective		3
<b>Hours</b>		<b>15</b>
<b>Third Year</b>		
<b>First Semester</b>		
PSY111 or SOC151	Introduction to Psychology or Introduction to Sociology	3
Gen Ed Biblical Studies Elective		3
SPC120	Foundations of Speech	3
BCM358	General Biochemistry I w/Lab	4
<b>Hours</b>		<b>13</b>
<b>Second Semester</b>		
Gen Ed Visual and Performing Arts Elective		3

HIS261 or HIS262	History of Civilization I or History of Civilization II	3
SCM319	Junior Science Seminar <sup>2</sup>	1
CHM255	Analytical Chemistry w/Lab	5
Any Elective		3
<b>Hours</b>		<b>15</b>
<b>Fourth Year</b>		
<b>First Semester</b>		
GEN401	The Good Life: Continuing the Conversation	3
SCM419	Senior Science Seminar	1
CHM355	Physical Chemistry I	3
Chemistry Elective <sup>1</sup>		4
Any Electives		6
<b>Hours</b>		<b>17</b>
<b>Second Semester</b>		
MAT311	Probability and Statistics w/Lab	4
HIS261	History of Civilization I	3
CHM356	Physical Chemistry II	3
Any Electives		6
<b>Hours</b>		<b>16</b>
<b>Total Hours</b>		<b>121-123</b>

- 1 see major audit
- 2 GEN301 equivalent