

## Program Progression Guide

**Disclaimer:** The [2024-2025 Purdue West Lafayette catalog](#) is considered the source for academic and programmatic requirements for students entering programs during the Fall 2024, Spring 2025, and Summer 2025 semesters. The Program Progression Guide assists students in the development of an individualized 8-semester plan. Students are encouraged to use this guide, MyPurduePlan\* (online degree auditing tool) and the Student Educational Planner (SEP) as they work with their academic advisor towards the completion of their degree requirements.

**Notification:** Each student is ultimately responsible for knowing, monitoring and completing all degree requirements.

An undergraduate degree in the College of Science requires completion of the following degree requirements.

University Degree Requirements		
Minimum 2.0 Cumulative GPA	Minimum 120 Credits that fulfill degree requirements	32 Residency Credits (30000 and above) at a Purdue University campus
University Core Curriculum**		
<ul style="list-style-type: none"> <li>Human Cultures: Behavioral/Social Science</li> <li>Human Cultures: Humanities</li> <li>Information Literacy</li> <li>Oral Communication</li> </ul> <p><a href="#">University Core Curriculum Course Listing</a></p>	<ul style="list-style-type: none"> <li>Quantitative Reasoning</li> <li>Science</li> <li>Science, Technology &amp; Society Selective</li> <li>Written Communication</li> </ul>	
Required Major Program Courses		
Departmental specific requirements. 2.0 average GPA in CHEM classes required to graduate. Minimum 2.0 cumulative GPA		
College of Science Core Curriculum		
<ul style="list-style-type: none"> <li>Written Communication– 3 credits</li> <li>Technical Writing and Presentation - 3 credits</li> <li>Teaming &amp; Collaboration (NC)</li> <li>General Education - 9 credits</li> </ul>	<ul style="list-style-type: none"> <li>Foreign Language &amp; Culture – 9 credits</li> <li>Great Issues - 3 credits</li> <li>Laboratory Science - 8 credits</li> <li>Science, Technology &amp; Society - 3 credits</li> </ul>	<ul style="list-style-type: none"> <li>Mathematics - 6-10 credits</li> <li>Statistics - 3 credits</li> <li>Computing - 3 credits</li> </ul>
Degree Electives		
Any Purdue or transfer course approved to meet degree requirements in accordance with individual departmental policies. The College of Science has identified courses that are below the disciplinary level of each program and major area of study. While similar, <a href="#">Not Recommended course lists</a> vary between departments.		

\* This audit is not your academic transcript and it is not official notification of completion of degree or certificate requirements.

\*\* University Core Curriculum Outcomes may be met through completion of the College of Science Core curriculum. Students should consult with their academic advisors and MyPurdue Plan for course selections.

## 2024-2025 Biochemistry (Chemistry-ACS) Degree Progression Guide

The Chemistry Department has **suggested** the following degree progression guide for the Biochemistry (Chemistry-ACS) Degree. Students will work with their academic advisors to determine their best path to degree completion. Course prerequisites are specific to this degree plan.

Credit	Fall 1st Year	Prerequisite	Credit	Spring 1st Year	Prerequisite
4-5	CHM 12500 ( <i>fall only</i> ) or 11500		4-5	CHM 12600 ( <i>spring only</i> ) or 11600	CHM 12500
4-5	MA 16100*or 16500	ALEKS 85	4-5	MA 16200 or 16600	MA 16100
1	CHM 19400		3-4	Science Core Option	
3-4	Science Core Option		3	Science Core Option	
<b>12-15</b>			<b>14-17</b>		

Credit	Fall 2nd Year	Prerequisite	Credit	Spring 2nd Year	Prerequisite
3	CHM 26505 <i>fall only</i>	CHM 12600	3	CHM 26605 <i>spring only</i>	CHM 26505
2	CHM 26500 <i>fall only</i>	CHM 12600	0-2	Upper Level Selective <i>spring only</i>	CHM 26500
4	PHYS 17200	MA 16100	4	PHYS 27200	PHYS 17200 & MA 16200
1	CHM 29400		3	Science Core Option	
3	Science Core Option		3	Science Core Option	
3	Science Core Option		3	Analytical Selective	
<b>16</b>			<b>16-18</b>		

Credit	Fall 3rd Year	Prerequisite	Credit	Spring 3rd Year	Prerequisite
3	BIOL 23100 <i>fall only</i>	CHM 26505	3	BIOL 24100 ( <i>spring only</i> ) or AGRY 32000	BIOL 231/232
2	BIOL 23200 <i>fall only</i>		1-2	BIOL 24200 ( <i>spring only</i> ) or AGRY 32100	
3	CHM 43300 <i>fall only</i>	CHM 26505	3	CHM 43800 <i>spring only</i>	CHM 53300
1	CHM 33901		3	Science Core Option	
3-4	Upper Level Selective	CHM 12600	3	Science Core Option	
3-4	Science Core Option		1	CHM 49400	
<b>115-17</b>			<b>14-15</b>		

Credit	Fall 4th Year	Prerequisite	Credit	Spring 4th Year	Prerequisite
3-4	Upper Level Selective <i>fall only</i>	PHYS 27200 & MA26100	0-4	Upper Level Selective <i>spring only</i>	CHM 37300
1	CHM 37301 <i>fall only</i>		1	CHM 37401 <i>spring only</i>	CHM 37301
0-4	Analytical Selective		3	CHM 34200 <i>spring only</i>	CHM 37300
3	Science Core Option		3	Science Core Option	
3	Free Elective		3	Science Core Option	Jr/Sr class
2	Free Elective		3	Free Elective	
<b>12-16</b>			<b>13-16</b>		

### Science Core Curriculum Options

(one course needed for each requirement unless otherwise noted)

Options recommended for first- and second-year students	Options recommended for third- and fourth-year students
Written Communication <sup>UC</sup>	Technical Writing and Presentation <sup>UC</sup> (COM 217 recommended)
General Education <sup>UC</sup> (3 courses needed)	Statistics (STAT 30100 or 35000)
Foreign Language and Culture <sup>UC</sup> (3 courses needed)	Computing (CS 17700 or CS 15900)
Science Technology and Society <sup>UC</sup>	Great Issues

<sup>UC</sup> Select courses may also satisfy a University Core Curriculum requirement; see the University Core Requirement [course list](#) for approved course

