

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"> Human Cultures: Behavioral/Social Science Human Cultures: Humanities Information Literacy Oral Communication <p>University Core Curriculum Course Listing</p>	<ul style="list-style-type: none"> Quantitative Reasoning Science Science, Technology & Society Selective Written Communication 	
Civic Literacy Proficiency - https://www.purdue.edu/provost/about/provostInitiatives/civics/		
Required Major Program Courses		
Minimum 2.0 cumulative GPA.		
College of Science Core Curriculum		
<ul style="list-style-type: none"> Written Communication: 3-4 credits Technical Writing and Presentation: 0-6 credits Computing Cultural Diversity: 0-9 credits 	<ul style="list-style-type: none"> General Education: 9 credits Great Issues in Science: 3 credits Laboratory Science Mathematics 	<ul style="list-style-type: none"> Science, Technology, and Society: 3 credits Statistics Team-Building and Collaboration: 0-3 credits
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, Not Recommended course lists 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 Interdisciplinary Science – Concentration in Chemistry Degree Progression Guide

The College of Science has *suggested* the following degree progression guide for the Interdisciplinary Science – Concentration in Chemistry Degree. Students will work with their academic advisors to determine their best path to degree completion. Course pre-requisites are specific to this degree plan.

Credits	Fall 1st Year	Prerequisite	Credits	Spring 1st Year	Prerequisite
3-5	Calculus Option I	ALEKS 85+ or SATM 670/ACTM 29 requirement	3-5	Calculus Option II	Calculus I C- or higher
3-4	Science Core Option		3-4	Science Core Option	
4-5	General Chemistry Selective I	Co-req Calc; ALEKS of 75	4-5	General Chemistry Selective II	General Chemistry I
4	Biology Selective I		3-4	Biology Selective II	Biology I
0-1	Free Elective		0-2	Biology Selective II	
15-18			15-18		

Credit	Fall 2nd Year	Prerequisite	Credits	Spring 2nd Year	Prerequisite
4-5	Organic Chemistry I with Lab	CHM 11600 or equivalent	4-5	Organic Chemistry II with Lab	Organic CHM I
3-4	Science Core Option		3-4	Science Core Option	
4	Physics Selective I	ALEKS 85+ or SATM 670/ACTM 29 requirement	3	Supporting Area Course	
3-4	Science Core Option		4	Physics Selective II	Physics I
1	Free Elective		1	Free Elective	
15-17			15-17		

Credit	Fall 3rd Year	Prerequisite	Credit	Spring 3rd Year	Prerequisite
3	Supporting Area Course		3	CHM 24100	CHM 11600
3	Supporting Area Course		3-4	EAPS Selective Course	Lab Sci Selective I
3	STAT 30100/35000/35500/50300/51100	Calculus II C- or higher	3	Supporting Area Course	
3-4	Science Core Option		3	CS 17700/15900/18000	
3	Science Core Option		3	COM 21700	
15-16			16-18		

Credit	Fall 4th Year	Prerequisite	Credit	Spring 4th Year	Prerequisite
3	Supporting Area Course		4	CHM 37200	Calc II AND Chem II or organic AND PHYS
3	Science Core Option		3	Science Core Option	
3	Great Issues Option		3	Supporting Area Course	
3	Free Elective		3	Free Elective	
3	Free Elective		3	Free Elective	
15			16		

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 ^{UC} Computing (CS 17700 or CS 15900) Foreign Language and Culture ^{UC} (3 courses needed)	Technical Writing and Presentation ^{UC} (COM 217 recommended) Science, Technology, and Society ^{UC} General Education ^{UC} (3 courses needed) Great Issues