

Program Progression Guide

Disclaimer: The [2023-2024 Purdue West Lafayette catalog](#) is considered the source for academic and programmatic requirements for students entering programs during the Fall 2023, Spring 2024, and Summer 2024 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 Biology Concentration		
Minimum 2.0 cumulative GPA.		
Interdisciplinary Science Core		
Detailed information regarding this requirement is found on page 3.		
Supporting Area		
This 18-credit requirement is determined by the student based on academic and career goals and must be approved.		
College of Science Core Curriculum		
<ul style="list-style-type: none"> First-Year Composition: 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: 0-3 credits Statistics Team-Building and Collaboration: 0-3 credits
Degree Electives		
<u>No Count courses</u> are not allowed for credit. Overlapping Course Content courses - only one course can be used for courses considered to have overlapping content. A course can only be used once in the Major Course area.		

* 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.

2023-2024 Interdisciplinary Science – Concentration in Biology Degree Progression Guide

The College of Science has *suggested* the following degree progression guide for the Interdisciplinary Science – Concentration in Biology 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		4-5	Required Chemistry Course	Varies
4-5	General Chemistry Selective I	Co-req Calc	3-4	Biology Selective II	Biology I
4	Biology Selective I		3	Programming Option	
0-1	Free Elective				
15-18			13-18		

Credit	Fall 2nd Year	Prerequisite	Credits	Spring 2nd Year	Prerequisite
3	BIOL 23100	Biology Selective and CHM 11600 or equivalent	3	BIOL 24100	BIOL 23100 and CHM 11600 or equivalent
2	BIOL 23200	Co-req BIOL 23100	2	BIOL 24200	Co-req BIOL 24100
3-4	First-Year Composition		3	Supporting Area Course	
3	Supporting Area Course		3	Science Core Option	
3-4	Free Elective		3	Science Core Option	
			3	Science Core Option	
15-16			17		

Credit	Fall 3rd Year	Prerequisite	Credit	Spring 3rd Year	Prerequisite
3	Supporting Area Course		2	BIOL 28600	Biology Selective I and II
3	STAT 35000/35500/50300/51100		3-4	EAPS Selective Course	
3	Science Core Option		3	Supporting Area Course	
3	Science Core Option		3	COM 21700	
3	Free Elective		3	Science Core Option	
			1	Free Elective	
15			15-16		

Credit	Fall 4th Year	Prerequisite	Credit	Spring 4th Year	Prerequisite
3-4	Fall Only Courses: BIOL 39500, 41500, 42000, 43600, 43800 or Free Elective	Varies	3	Supporting Area Course	
3	Supporting Area Course		4	Required Physics Selective II	
	Great Issues in Science		3-4	Science Core Option	
3			3-4		
4	Physics Selective I	ALEKS 85+ or SATM 670/ACTM 29 requirement	3	Free Elective	
2	Free Elective		2	Free Elective	
15-16			16-18		

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) Statistics	Technical Writing and Presentation ^{UC} (COM 217 recommended) Science, Technology, and Society ^{UC} General Education ^{UC} (3 courses needed) Great Issues