

## 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>	
Civic Literacy Proficiency - <a href="https://www.purdue.edu/provost/about/provostInitiatives/civics/">https://www.purdue.edu/provost/about/provostInitiatives/civics/</a>		
Required Major Program Courses		
Minimum 2.0 cumulative GPA.		
College of Science Core Curriculum		
<ul style="list-style-type: none"> <li>Written Communication: 3-4 credits</li> <li>Technical Writing and Presentation: 0-6 credits</li> <li>Computing</li> <li>Cultural Diversity: 0-9 credits</li> </ul>	<ul style="list-style-type: none"> <li>General Education: 9 credits</li> <li>Great Issues in Science: 3 credits</li> <li>Laboratory Science</li> <li>Mathematics</li> </ul>	<ul style="list-style-type: none"> <li>Science, Technology, and Society: 3 credits</li> <li>Statistics</li> <li>Team-Building and Collaboration: 0-3 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 Interdisciplinary Science – Concentration in Mathematics Degree Progression Guide

The College of Science has *suggested* the following degree progression guide for the Interdisciplinary Science – Concentration in Mathematics Degree. Students will work with their academic advisors to determine their best path to degree completion.

Credit	Fall 1st Year	Prerequisite	Credit	Spring 1st Year	Prerequisite
4-5	MA 16100 or MA 16500	ALEKS 85+ or SATM 670/ACTM 29 requirement	4-5	MA 16200 or MA 16600	MA 16100 or 16500, C- or higher
3-4	Science Core Option		3-4	First-Year Composition	
3-4	Science Core Option		3	Free Elective	
4	Physics Selective I	ALEKS 85+ or SATM 670/ACTM 29 requirement	4	Physic Selective II	Physics I
1	Free Elective		1	Free Elective	
<b>15-18</b>			<b>15-17</b>		

Credit	Fall 2nd Year	Prerequisite	Credits	Spring 2nd Year	Prerequisite
4	MA 26100 or MA 27101	MA 16200 or 16600, C- or higher	3	MA 35100	MA 26100, C- or higher
3	Supporting Area Course		3	Supporting Area Course	
3	Science Core Option		3	STAT 35000/35500/50300	Calculus II, C- or higher
3-4	EAPS Selective		3	CS 15900/17700/18000	
3	Science Core Option		3	Science Core Option	
<b>16-17</b>			<b>15</b>		

Credit	Fall 3rd Year	Prerequisite	Credit	Spring 3rd Year	Prerequisite
3-4	MA 36600 or MA 26200	Varies	3	MA Elective 30000+	Varies
3	Supporting Area Course		3	Supporting Area Course	
4-5	General Chemistry Selective I	Co-req Calc	4-5	General Chemistry Selective II or free elective	Varies
3	Science Core Option		3	Science Core Option	
1	Free Elective		3	COM 21700	
<b>15-16</b>			<b>16-17</b>		

Credit	Fall 4th Year	Prerequisite	Credit	Spring 4th Year	Prerequisite
3	MA 45300 or 4500 or 34100 or 44000	MA 35100, C- or higher	3	Supporting Area Course	
3	Supporting Area Course		3-4	Biology Selective II	Biology 1
3	Great Issues Option		2	Biology Selective II or Free Elective	
4	Biology Selective I		3-4	Free Elective	
3	Science Core Option		3	Free Elective	
<b>16</b>			<b>14-16</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)
Foreign Language and Culture <sup>UC</sup> (3 courses needed)	Science, Technology, and Society <sup>UC</sup>
Computing (CS 17700 or CS 15900) /Teamwork	Great Issues
Foreign Language and Culture <sup>UC</sup> (3 courses needed)	General Education <sup>UC</sup> (3 courses needed)

UC Select courses may also satisfy a University Core Curriculum requirement; see the University Core Requirement course list for approved courses. Students must have 32 credits at the 30000 level or above taken at Purdue.