

## 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 Statistics Degree Progression Guide

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

Credits	Fall 1st Year	Prerequisite	Credits	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	Science Core Option	
3	First-Year Composition		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
3-4	Option course of MA 26100, STAT 41700, 51300 or 51400	MA 16200 or 16600, C- or higher	3	STAT 35000 or STAT 35500	Calculus II, C- or higher
3	Supporting Area Course		3	Supporting Area Course	
3	Science Core Option		3-4	CS 15900 or CS 17700 or CS 18000	
3-4	EAPS Selective		3	Science Core Option	
3	Free Elective		3	Science Core Option	
<b>15-17</b>			<b>15-16</b>		

Credit	Fall 3rd Year	Prerequisite	Credit	Spring 3rd Year	Prerequisite
3	STAT 22500, 31100, 41600 or 51600	Calculus II, C- or higher	3	COM 21700	
3	Supporting Area Course		3	Supporting Area Course	
4-5	General Chemistry Selective I	Calculus	4-5	General Chemistry Selective II or Free Elective	Varies
3	Science Core Option		3	Free Elective	
2	Free Elective		3	Free Elective	
<b>15-16</b>			<b>16-17</b>		

Credit	Fall 4th Year	Prerequisite	Credit	Spring 4th Year	Prerequisite
3	STAT 51200	STAT 35000 or equivalent, C- or higher	3	STAT 51300 or STAT 51400	STAT 35000 or equivalent, C- or higher
3	Supporting Area Course		3	Supporting Area Course	
3	Science Core Option		3-4	Biology Selective II	Biology I
4	Biology Selective I		0-2	Biology Selective II or Free Elective	
3	Great Issues Option		3	Free Elective	
			0-3	Free Elective	
<b>16</b>			<b>15</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> Foreign Language and Culture <sup>UC</sup> (3 courses needed) Computing (CS 17700 or CS 15900) /Teamwork Foreign Language and Culture <sup>UC</sup> (3 courses needed)	Technical Writing and Presentation <sup>UC</sup> (COM 217 recommended) Science, Technology, and Society <sup>UC</sup> Great Issues General Education <sup>UC</sup> (3 courses needed)

<sup>UC</sup>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.