PURDUE UNIVERSITY

Statistics Honors
College of Science

2022-2023

Program Progression Guide

Disclaimer: The 2022-2023 Purdue West Lafayette catalog is considered the source for academic and programmatic requirements for students entering programs during the Fall 2022, Spring 2023, and Summer 2023 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**	
• Human Cultures: Behavioral/Social Science • Human Cultures: Humanities • Information Literacy • Oral Communication	• Quantitative Reasoning • Science • Science, Technology & Society Selective • Written Communication

Civic Literacy Proficiency - https://www.purdue.edu/provost/about/provostInitiatives/civics/

Required Major Program Courses
A minimum of 32 semester credits of upper level (30000+) required. Average GPA in courses must be 2.00 in **Required Major Courses**. An Average GPA in MA 44000, MA 44200, MA 45000, STAT 51600 or STAT 51700 must be 3.5 or higher - must take three of these five courses*.

College of Science Core Curriculum		
• Freshman Composition: 3-4 credits • Technical Writing and Presentation: 3-6 credits • Teaming & Collaboration (NC) • General Education - 9 credits	• Foreign Language & Culture: 0-9 credits • Great Issues - 3 credits • Laboratory Science: 6-8 credits • Multidisciplinary: 0-3 credits	• Mathematics: 6-10 credits • Statistics: 3 credits • Computing: 3-4 credits

Degree Electives
Any Purdue or transfer course approved to meet degree requirements in accordance with individual departmental policies. Consult the No Count course list for courses which may not be used to meet any College of Science degree requirement.

* 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.

2022-2023 Statistics Honors Degree Progression Guide

The Statistics Department has *suggested* the following degree progression guide for the Statistics Honors 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	Calculus I Option	ALEKS 85+ or SATM 670/ACTM 29 requirement	4-5	Calculus II Option	Calculus I, C- or higher
3-4	Science Core Option		3-4	Science Core Option	
3-4	Science Core Option		3-4	Science Core Option	
1	Free Elective (STAT 10100 First Year Statistics Seminar)		3	Free Elective	
4	Free Elective		2	Free Elective	
15-18			**15-18**		

Credit	Fall 2nd Year	Prerequisite	Credits	Spring 2nd Year	Prerequisite
4-5	Calculus III Option ^	Calculus II, C- or higher	3	MA 35100 Elementary Linear Algebra	Calculus III, C- or higher
3-4	Science Core Option		3	STAT 35000 Introduction to Statistics	Calculus II, C- or higher
3-4	Science Core Option		3	Science Core Option	
3	Free Elective (MA 30100)	Calculus II, C- or higher	3	Science Core Option	
2	Free Elective		3	Free Elective	
15-18			**15-16**		

Credit	Fall 3rd Year	Prerequisite	Credit	Spring 3rd Year	Prerequisite
3	MA 34100 or **MA 44000***	Varies (MA 44000 requires MA 35301)	3	Advance Calculus Selective – MA 36200 or **MA 44200***	Varies (MA 44200 requires MA 35301)
3	MA/STAT 41600 or **STAT 51600*^**	Calculus III, C- or higher	3	STAT 41700 or **STAT 51700***	STAT 41600/35000/ 51600, C- or higher
3-4	Science Core Option		3-4	Science Core Option	
3	Free elective		3	Free Elective	
3	Free Elective		3	Free Elective	
15-16			**15-16**		

Credit	Fall 4th Year	Prerequisite	Credit	Spring 4th Year	Prerequisite
3	MA 42500 - Elements Of Complex Analysis	MA 35100, C- or higher	3	MA 35301 Linear Algebra II	MA 35100, C- or higher
3	STAT 51200 Applied Regression Analysis	STAT 35000 or STAT 41700, C- or higher	3	STAT Selective	Varies by Class
3	Science Core Option		3	Science Core Option	
3-4	Science Core Option		3	Science Core Option	
3	Free Elective (Science, Technology & Society Selective Course)		3	Free Elective	
15-16			**15**		

Superscript of ^ (eg Calculus III Option^) indicates a course a student should earn a minimum of a C.
Courses in ( ) are recommended.
* Must take three of five **bold** courses

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
Freshman Composition[UC]	Technical Writing and Presentation[UC] (COM 217 recommended)
Computing (CS 17700 or CS 15900)	Multidisciplinary Experience[UC]
Foreign Language and Culture[UC] (3 courses needed)	General Education[UC] (3 courses needed)
Laboratory Science (2 course sequence)	Great Issues

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.