PURDUE UNIVERSITY

Computer Science Honors
College of Science

2018-2019

Program Progression Guide

Disclaimer: The 2018-2019 Purdue West Lafayette catalog is considered the source for academic and programmatic requirements for students entering programs during the Fall 2018, Spring 2019, and Summer 2019 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 University Core Curriculum Course Listing	• Quantitative Reasoning • Science • Science, Technology & Society Selective • Written Communication

Required Major Program Courses
Minimum 3.25 cumulative GPA. 3.6 GPA in CS/CSHO required courses, and other requirements noted on CS Degree Progression Guide.

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 - 8-10 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.

2018-19 Computer Science Honors Degree Progression Guide

The Computer Science Department has *suggested* the following degree progression guide for the Computer Science Honors 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.

College of Science Core Curriculum (SCC)

A. Freshman Composition
B. Technical Writing and Presentation
C. Teaming and Collaboration
D. General Education
E. Foreign Language and Culture
F. Great Issues
G. Laboratory Science
H. Multidisciplinary
I. Mathematics
J. Statistics
K. Computing

Consult the University Core Requirement course list for approved course

Credits	Fall 1st Year	Prerequisite	Credits	Spring 1st Year	Prerequisite
4	CS 18000 CC *** (SCC-C)	Co-req MA 16100 or MA 16500	3	CS 18200 ***	CS 18000 & (MA 16100 or MA 16500)
1	CS 19100*	Co-req CS 18000	3	CS 24000 ***	CS 18000 & Co-req CS 18200
1	CS 19300*	Co-req CS 19100	4-5	MA 16200 or MA 16600	MA 16100 or MA 16500
3-4	ENGL 10600/10800/HONR 19903 OR Language level I		3-4	Language level I OR ENGL 10600/10800/HONR 19903	
4-5	MA 16100 CC or MA 16500 CC	ALEKS score 85+	1-3	Free Elective (rec. CS 19700)	
1	Free Elective				
14-16			**14-16**		

Credit	Fall 2nd Year	Prerequisite	Credits	Spring 2nd Year	Prerequisite
4	CS 25000***	CS 18200 & CS 24000	4	CS 25200 ***	CS 25000 & Co-req CS 25100
3	CS 25100***	CS 18200 & CS 24000	3	MA 35100	MA 16200 or MA 16500 & (co-req MA 26100 or MA 27101
4-5	MA 26100 or MA 27101	MA 16200 or MA 16600	3	Language level III/Culture or Diversity course	Language level III
3-4	Language level II	Language level I	4	ECE 27000	
1	Free Elective (rec. CS 29100*)		1	Free Elective	
15-17			**15**		

Credit	Fall 3rd Year	Prerequisite	Credit	Spring 3rd Year	Prerequisite
3	CS track requirement ***	Varies	3	CS track requirement/elective***	Varies
3	CS track requirement ***	Varies	3	CS track requirement/elective***	Varies
3	STAT 350/STAT 51100	MA 16200 or MA 16600	3	Great Issues	Varies
0	CS 39700		3	General Education II	
3	RECOMMENDED for technical writing and technical presenting: COM 21700		3	MA > MA 35100	Varies
3	Free Elective/minor				
15			**15**		

Credit	Fall 4th Year	Prerequisite	Credit	Spring 4th Year	Prerequisite
3	CS track elective***	Varies	3	CS track elective***	Varies
3-4	Lab Science I	Varies	3-4	Lab Science II	Lab I
3	Multidisciplinary	Varies	3	CS 50000 level	
3	General Education III		3	Free Elective	
3	CS 49700		3	Free Elective	
15-16			**15-16**		

* Enrollment in freshman seminar courses CS 19100 and CS 19300 is required with CS 17700 or CS 18000. They are not degree requirements. CS 29100 sophomore seminar and CS 39100 junior seminar are optional but recommended.
Superscript of CC (eg CS 18000 CC) indicates a Critical Course
***All CS core courses and all track requirements, regardless of department, must be completed with a grade of "C" or higher (effective fall 2011). All prerequisites to CS core courses and track requirements, regardless of department, must be completed with a grade of C or higher (effective Fall 2015).
3.25 overall GPA, 3.6 CS GPA required to degree with CS Honors major.