

Courses in italics are prerequisites

Courses in bold are co-requisites

Updated 7/1/2025

*A grade of C or better is required before registration is permitted in upper-division courses.

See course catalog for complete degree requirements and additional information at uidaho.edu/registrar/classes/catalogs.

FRESHMAN			FALL		SPRING		
COMM 1101	Fundamentals of Oral Communication	3		*CS 1121	Computer Science II <i>C or better in CS 1120, MATH 1760</i>	3	
*CS 1120	Computer Science I <i>C or better in MATH 1143 or CS 1112 or sufficient test scores</i>	4		*CS 1550	Computer Organization and Architecture CS 1120	3	
ENGL 1101	College Writing and Rhetoric I	3		MATH 1170	Calculus I <i>C or better in Math 1143 and 1144 or sufficient test scores</i>	4	
MATH 1143	College Algebra <i>C or better in MATH 1080 or sufficient test scores</i>	3		*MATH 1760	Discrete Mathematics <i>Math 1143 or sufficient test scores</i>	3	
MATH 1144	Analytic Trigonometry	1		ENGL 1102	College Writing and Rhetoric II <i>ENGL 1101 or ENGL 1101P or sufficient test scores</i>	3	
ELECTIVE	Humanities/Social Science Elective	3					
	Total Credits	17			Total Credits	16	
SOPHOMORE			FALL		SPRING		
CS 2100	Programming Languages CS 1121	3		CS 2240	Computer Operating Systems CS 1121 and CS 1550, CS 2230	3	
MATH 1750	Calculus II <i>C or better in Math 1170</i>	4		CS 2230	System Software CS 1121	3	
ELECTIVE	Science with Lab Course (<i>from approved list</i>)	4		CYB 2200	Secure Coding and Analysis CS 1121	3	
ELECTIVE	Elective Course(s)	3		STAT 2510	Statistical Methods <i>C or better in MATH 1080, or sufficient test scores</i>	3	
				OR STAT 3010	OR Probability and Statistics MATH 1750	3	
				ELECTIVE	Science with Lab Course (<i>from approved list</i>)	4	
	Total Credits	14			Total Credits	16	
JUNIOR			FALL		SPRING		
CS 3383	Software Engineering <i>C or better in CS 2240, CS 2230, and (CS 2100 or CYB 2200)</i>	4		CS 3600	Database Systems CS 1121 and CS 1550	4	
CS 3185	Theory of Computation FALL ONLY	3		CS 3195	Analysis of Algorithms SPRING ONLY MATH 1750 and CS 1121	3	
MATH 3300	Linear Algebra MATH 1160 or MATH 1170	3		ENGL 3170	Technical Writing II ENGL 1102 or Equivalent; Sophomore Standing	3	
ELECTIVE	Major Technical Elective Course (UPDV CS or CYB)	3		ELECTIVE	Major Technical Elective Course (UPDV CS or CYB)	3	
ELECTIVE	Humanities/Social Science Elective	3		ELECTIVE	Humanities/Social Science Elective	3	
	Total Credits	16			Total Credits	16	
SENIOR			FALL		SPRING		
CS 4010	Contemporary Issues in Computer Science Senior Standing	1		CS 4810	CS Senior Capstone Design II SPRING ONLY CS 4800	3	
CS 4145	Compiler Design CS 2100 and CS 3185	4		ELECTIVE	Major Technical Elective Course (UPDV CS or CYB)	3	
CS 4800	CS Senior Capstone Design I FALL ONLY CS 3383, ENGL 3170, and Senior Standing	3		ELECTIVE	Major Technical Elective Course (UPDV CS or CYB)	3	
ELECTIVE	Elective Course(s)	1		ELECTIVE	International Course	3	
ELECTIVE	American Diversity Course	3		ELECTIVE	Humanities/Social Science Elective	3	
	Total Credits	12			T otal Credits	15	