

Computer Science Major

4-year Plan

New Program, effective 2016-17

Freshman Year

Crs No	Crs Title	Credits	PreReqs
CS 160	Survey of Computer Science	4	
CS 161	Computer Science I	4	CS 160 MTH 231 (or concurrent)
CS 162	Computer Science II	4	CS 161 MTH 232 (or concurrent)
MTH 231	Elements of Discrete Mathematics I	3	MTH 95 (C- or better) or sat placement score
MTH 232	Elem of Discrete Mathematics II	3	MTH 231

Sophomore year

Crs No	Crs Title	Credits	PreReqs
CS 260	Data Structures	4	CS 162 MTH 232 w/C- or better
CS 271	Computer Organization	4	CS 160 and CS 161
MTH 354	Applied Discrete Mathematics	4	MTH 232 or MTH 253 or MTH 254 w/ C- or better

Junior year

Crs No	Crs Title	Credits	PreReqs
CS 360	Programming Languages	4	CS 260 and CS 271
CS 361	Algorithms	4	CS 260 and MTH 354
CS 363	Information Assurance and Security	4	CS 260 and CS 271
CS 364	Information Management	4	CS 260 and CS 271
CS 365	Operating Systems and Networking	4	CS 260 and CS 271

Senior year

Crs No	Crs Title	Credits	PreReqs
CS 460	Software Engineering I	4	CS 361 and CS 364
CS 461	Software Engineering II	4	CS 460
CS 462	Software Engineering III	4	CS 461
CS 4xx	Elective	4	varies
CS 4xx	Elective	4	varies
CS 4xx	Elective	4	varies

Program changes are expected to go into effect in the Fall of 2016, but are considered a draft until full approvals are granted as a result of the WOU curriculum process.