

4 Year Graduation Plan for a BS in CS/Math - MTH 111 Start

Year One

Fall	Winter	Spring	
CS 160: Survey of Computer Science	4 CS 161: Computer Science I	4 CS 162: Computer Science II	4
MTH 111: College Algebra*	4 MTH 112: Trigonometry*	4 MTH 251: Calculus I	5
General Education	7 General Education	7 General Education	6
	15	15	15

Year Two

Fall	Winter	Spring	
CS 260: Data Structures	4 CS 271: Computer Organization	4 MTH 254: Calculus IV	5
MTH 252: Calculus II	5 MTH 253: Calculus III	3 MTH 280: Intro To Proof	4
General Education	6 General Education	8 General Education	6
	15	15	15

Year Three

Fall	Winter	Spring	
CS 360: Programming Languages	4 CS 361: Algorithms	4 CS 363: Information Assurance/Security	4
MTH 341: Linear Algebra	4 CS 365: Operating Systems and Networking	4 CS 364: Information Management	4
MTH 354: Applied Discrete Mathematics	4 MTH 346: Number Theory	4 MTH Elective	4
General Education	3 General Education	3 General Education	3
	15	15	15

Year Four

Fall	Winter	Spring	
CS 460: Software Engineering I	4 CS 461: Software Engineering II	4 CS 462: Software Engineering III	4
MTH 344: Group Theory	4 MTH 365: Probability	4 MTH 366: Statistics	4
MTH Elective	4		
General Education	3 General Education	7 General Education	7
	15	15	15

BS Degree Total Credits		
CS/Math Major (48 UD)	106	
Minor - None Required	0	
General Education: LACC Minimum	54	
BS Degree Reqs- included in major	0	
Hidden Prerequisites	8	
Free Electives	12	
Total Credit Hours to Graduate	180	

* Hidden prerequisite for college ready student

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.