



**University of Montana - Four-Year Academic Plan 2019-2020**  
**College of Humanities and Sciences**  
**Bachelor of Science in Computer Science & Mathematical Sciences**

This is an example of a four year graduation plan for a degree in Computer Science and Mathematical Sciences (Combined Major).

This is a sample academic plan. Students should meet with an academic advisor prior to registration to formulate their own plan.

Year 1		Year 2		Year 3		Year 4	
Fall		Fall		Fall		Fall	
CSCI 106 - Careers in Computer Science	1	CSCI 232 - Data Structures and Algorithms	4	CSCI Elective 300+	3	CSCI Elective 300+	3
CSCI 135 - Fund of Computer Science I	3	M 273 - Multivariable Calculus	4	M 225 - Intro to Discrete Mathematics or M 307 - Intro to Abstract Mathematics	3	Math Elective 300+	3
M 171 - Calculus I	4	Science Sequence	5	General Education	3	Elective	3
WRIT 101 - College Writing I or COMX 111A - Intro to Public Speaking	3	General Education	3	Elective	3	Elective	3
General Education	3			Elective	3	Elective	3
Freshman Seminar	1						
Credits	15	Credits	16	Credits	15	Credit	15
Spring		Spring		Spring		Spring	
CSCI 136 - Fund of Computer Science II	3	CSCI 205 - Programming Languages w C/C++	4	CSCI 332 - Design/Analysis of Algorithms	3	CSCI Elective 300+	3
M 172 - Calculus II	4	CSCI 361 - Computer Architecture	3	Math Elective 300+	3	Math Elective 300+	3
WRIT 101 - College Writing I or COMX 111A - Intro to Public Speaking	3	M 221 - Intro to Linear Algebra	4	Math Elective 300+	3	Elective	3
General Education	3	Science Sequence	5	General Education	3	Elective	3
General Education	3			Elective	3		
Credits	16	Credits	16	Credits	15	Credits	12
Summer		Summer		Summer		Summer	
Credits	0	Credits	0	Credits	0	Credits	0
<b>Total Credits</b>	<b>31</b>	<b>Total Credits</b>	<b>63</b>	<b>Total Credits</b>	<b>93</b>	<b>Total Credits</b>	<b>120</b>

**Notes:**

- This degree template can be adapted for students who are not ready to take CSCI 135 (Fundamentals of Computer Science I) or M 171 (Calculus I) in their first semester.
- Details regarding the Math and Computer Science Electives and the Science Sequence are in the Catalog and on Degree Works. Choose these courses in consultation with your advisor.
- Details regarding the General Education course work are in the Catalog and on Degree Works. Choose these courses in consultation with an advisor.
- 39 upper-division (300+ course) credits are required.