



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

This is an example of a four year graduation plan for a degree in Biochemistry.

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
<b>Fall</b>	<b>Fall</b>	<b>Fall</b>	<b>Fall</b>
CHMY 141/142 - College Chemistry I/Lab 5	CHMY 221 - Organic Chemistry I 3	BCH 480 - Advanced Biochemistry I 3	CHMY 401 - Advanced Inorganic Chemistry 3
M171 - Calculus I 4	CHMY 222 - Organic Chemistry I Lab 2	CHMY 311 - Analytical Chem-Quant Analysis 4	Upper Division Biochemistry Electives 6
BIOB 160/161 - Principles of Living Systems/Lab 4	PHSX 215N/ 216N - Fund of Physics w Calculus I /Physics Lab I/ Calculus 5	CHMY 373 - Phys Chem-Kntcs & Thrmodynms 4	General Education Requirements 6
CSCI 100 (SCI) - Intro to Programming 3	BIOB 260 - Cellular & Molecular Biology 4	General Education Requirement 3	
	Intermediate Writing Course <sup>1</sup> 3		
Credits 16	Credits 17	Credits 14	Credits 15
<b>Spring</b>	<b>Spring</b>	<b>Spring</b>	<b>Spring</b>
CHMY 143N/144N - College Chemistry II/Lab 5	CHMY 223 - Organic Chemistry II 3	BCH 482 - Advanced Biochemistry II 3	BIOB 425 - Advanced Cell & Molecular Biology 3
M172 - Calculus II 4	CHMY 224 - Organic Chemistry Lab II 2	BCH 486 - Biochemistry Research Lab 3	Upper Division Biochemistry Electives 6
WRIT 101 - College Writing I 3	PHSX 217/218 - Fund of Physics w/Calculus II / Physics Lab II w/Calculus 5	CHMY 421 - Advanced Instrument Analysis 4	General Education Requirement 3
General Education Requirement 3	BIOB 272 - Genetics & Evolution 4	General Education Requirements 6	
	BCH 294 - Seminar/Workshop 1		
Credits 15	Credits 15	Credits 16	Credits 12
<b>Summer</b>	<b>Summer</b>	<b>Summer</b>	<b>Summer</b>
Credits 0	Credits 0	Credits 0	Credits 0
<b>Total Credits 31</b>	<b>Total Credits 63</b>	<b>Total Credits 93</b>	<b>Total Credits 120</b>

**Notes:**

<sup>1</sup>See approved courses at <http://catalog.umt.edu/academics/general-education-requirements/> under Group I: Writing tab. This course may fulfill a Gen Ed requirement, too, in which case a student can take 3 more credits of upper division elective in place of 3 credits of Gen Ed in Year 4.