



Catalog Year:

2022-2023

This is a degree plan for completing a BA in Chemistry in eight semesters. This document is meant to be used as a guide for planning purposes only and is intended for use in consultation with a Professional Academic or Faculty advisor.

Year One			Year Two		
<b>Semester 1</b>			<b>Semester 3</b>		
Fall		Credits	Fall		Credits
CHE 1800	General Chemistry I*	4	CHE 3000	Analytical Chemistry	3
CHE 1801	General Chemistry I Lab	1	CHE 3010	Analytical Chemistry Lab	2
ENG 1010	Composing Arguments	3	--	General Studies	6
	Oral Communication	3	--	Minor coursework	4
	General Studies or electives	4			
<b>Semester 1 Total</b>		<b>15</b>	<b>Semester 3 Total</b>		<b>15</b>
<b>Semester 2</b>			<b>Semester 4</b>		
Spring		Credits	Spring		Credits
CHE 1810	General Chemistry II	4	CHE 3100	Organic Chemistry I	4
CHE 1811	General Chemistry II Lab	1	CHE 3120	Organic Chemistry I Lab	1
MTH 1410	Calculus I	4	--	General Studies	6
ENG 1020	Research and Argument Writing	3	--	Minor coursework	4
	General Studies or elective	3			
<b>Semester 2 Total</b>		<b>15</b>	<b>Semester 4 Total</b>		<b>15</b>
<b>Year Three</b>			<b>Year Four</b>		
<b>Semester 5</b>			<b>Semester 7</b>		
Fall		Credits	Fall		Credits
CHE 3110	Organic Chemistry II	3	CHE 3190	Survey of Physical Chemistry	4
CHE 3130	Organic Chemistry II Lab	2	CHE 3200	Survey of Phys Chem Lab	1
PHY 2311 OR	General Physics I OR	4	--	Minor Coursework	4
PHY 2010	College Physics I		--	General Studies and Electives	6
	CHE Electives	3			
	Electives	3			
<b>Semester 5 Total</b>		<b>15</b>	<b>Semester 7 Total</b>		<b>15</b>
<b>Semester 6</b>			<b>Semester 8</b>		
Spring		Credits	Spring		Credits
--	CHE Electives	3	--	CHE Senior Experience	3
--	General Studies and Electives	6	--	General Studies and Electives	12
--	Minor coursework	6			
<b>Semester 6 Total</b>		<b>15</b>	<b>Semester 8 Total</b>		<b>15</b>
*This plan assumes Math prerequisites have been met. Students must complete all courses with a grade of C- or better. This degree requires a minor.					<b>PROGRAM TOTAL</b>
					<b>120</b>

Advisor Contact Information	
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Office Hours/How to Schedule an Appointment	

Catalog Information
This four-year degree plan for completing a BA in Chemistry in eight semesters is for the Catalog Year 2022-2023. Students are responsible for consulting advisors and the MSU Denver catalog for degree requirements.
<a href="#">View the MSU Denver Catalog</a>

### Course Listing

#### Core Requirements

CHE 1800	General Chemistry I	4
CHE 1801	General Chemistry I Laboratory	1
CHE 1810	General Chemistry II	4
CHE 1811	General Chemistry II Laboratory	1
CHE 3000	Analytical Chemistry	3
CHE 3010	Analytical Chemistry Laboratory	2
CHE 3100	Organic Chemistry I	4
CHE 3110	Organic Chemistry II	3
CHE 3120	Organic Chemistry I Laboratory	1
CHE 3130	Organic Chemistry II Laboratory	2
CHE 3190	Survey of Physical Chemistry	4
CHE 3200	Survey of Phys Chem Lab	1
<b>Core Requirements Total</b>		<b>30</b>

#### Electives, Ancillary & Additional Courses

--	CHE upper division electives	6
	see catalog for details	
MTH 1410	Calculus I	4
PHY 2010	College Physics I***	4
	OR	
PHY 2311	General Physics I***	
--	CHE senior experience course	3
<b>Electives, Ancillary &amp; Additional Total</b>		<b>17</b>

#### Other Information

Students must complete all courses with a grade of C- or better. This degree requires completion of a minor.

\*\*College Physics 1 or General Physics 1 and Calculus 1 will meet General Studies requirements.

\*\*\*Concurrent enrollment in the lab is recommended

#### Program Totals

General Studies Requirements**	33
Core Requirements	30
Electives and Ancillary**	9
Minor	18-26
General Electives as Needed	22-30
<b>Total to Graduate</b>	<b>120</b>

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