

Major Map

BULLETIN YEAR: 2021-2022 **Degree:** B.A. and B.S.

Major: CHEMISTRY: ENVIRONMENTAL CHEMISTRY CONC.

The major map illustrates one path to completing your major, based on faculty members' advice on course sequence and a department's tentative plans for scheduling courses. This document provides general direction. For more specific advice and up to date schedules, it is expected that students will regularly discuss their plans of study with academic advisors and monitor the current class schedules as students are responsible for ensuring that all requirements for graduation have been met.

Course	Cr. Hrs.	Course	Cr. Hrs.
FIRST YEAR			
Semester: Fall Total Credit Hours:		Semester: Spring Total Credit Hours:	
CHM 131	4	CHM 132	4
MTH 132	4	MTH 133	4
Course	Cr. Hrs.	Course	Cr. Hrs.
SOPHOMORE YEAR			
Semester: Fall Total Credit Hours:		Semester: Spring Total Credit Hours:	
CHM 343	4	CHM 211QR	4
PHY 145QR	4	CHM 349	2
PHY 175	1	PHY 146	4
		PHY 176	1
Course	Cr. Hrs.	Course	Cr. Hrs.
JUNIOR YEAR			
Semester: Fall Total Credit Hours:		Semester: Spring Total Credit Hours:	
CHM 331	3	CHM 357	2
CHM 353	5	³ CHM 425/520	3
		CHM 514	3
Course	Cr. Hrs.	Course	Cr. Hrs.
SENIOR YEAR			
Semester: Fall Total Credit Hours:		Semester: Spring Total Credit Hours:	
² CHM 491WI	3	Elective Advanced Course (from list)	2-4
CHM 511	4		
¹ CHM 515	2		
Course	Cr. Hrs.	Course	Cr. Hrs.
FIFTH YEAR (IF NEEDED)			
Semester: Total Credit Hours:		Semester: Total Credit Hours:	

120 hours minimum required for graduation

40 hours 300 level or above required

¹ CHM 515 is focused on Great Lakes field experience and will utilize the resources of the CMU Biological Station. Only offered at Beaver Island.

² CHM 491WI may be taken in an earlier semester or during summer by arrangement. Students are encouraged to initiate research early on in their studies (e.g., first year or sophomore year).

³ 425/520 can be replaced with 521 and 522. If CHM 521 is selected to meet the biochemistry requirement, then CHM 522 must also be taken.