

Major Map

BULLETIN YEAR: 2021-2022 Degree: BA; BS

Major: BIOLOGY: MICROSCOPY CONCENTRATION

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: 15		Semester: Spring Total Credit Hours: 15	
BIO 111	4	BIO 112	4
MTH 130 or 132 (Math Comp)	4	CHM 132	4
CHM 131	4	PHY 130QR	4
ENG 101 Freshman Composition	3	Oral English Competency	3
Course	Cr. Hrs.	Course	Cr. Hrs.
SECOND YEAR			
Semester: Fall Total Credit Hours: 11-15		Semester: Spring Total Credit Hours: 11-16	
BIO 211	4	BIO 212	4
PHY 131	4	BIO 213	4
¹ Option II-A: CHM 342	0-4	^{1,2} Option II-B, cont'd: CHM 346 & 349	0-5
^{1,2} Option II-B: CHM 345	0-3	¹ Option II-C, cont'd: CHM 348 & 349	0-4
¹ Option II-C: CHM 343	0-4	ENG 201 Intermediate Composition	3
General Studies (UP WI)	3		
Course	Cr. Hrs.	Course	Cr. Hrs.
THIRD YEAR			
Semester: Fall Total Credit Hours: 9		Semester: Spring Total Credit Hours: 6-10	
BIO 330	3	BIO 552 or 553	3-4
One of: BIO 325, 500, 536	3	¹ Option III-C, cont'd: CHM 522	0-3
¹ Option III-A: CHM 421	0-3	General Studies (UP WI)	3
¹ Option III-B: CHM 520	0-3		
¹ Option III-C: CHM 521	0-3		
Course	Cr. Hrs.	Course	Cr. Hrs.
FOURTH YEAR			
Semester: Fall Total Credit Hours: 7-8		Semester: Spring Total Credit Hours: 3-4	
BIO 403WI	3-4	BIO 552 or 553	3-4
BIO 550	4	³ Capstone Exit Exam and Survey	0
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 In Other Requirements II and III, students selecting Option II-A must also select Option III-A. Students selecting Option II-B or II-C may select any option in III.

² Option II-B will not be available after Spring 2021, as CHM 345 and 346 will no longer be offered. Students whose postgraduate plans (e.g. graduate school or pre-professional programs such as medical school) require a full year of organic chemistry should take Option II-C; consult with your Biology advisor to determine which organic chemistry course(s) to take.

³ This capstone experience may include taking the Biology Major Field Test, analyzing and interpreting data, and/or completing an exit survey.