

Major Map

BULLETIN YEAR: 2018-2019 **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: 12		Semester: Spring Total Credit Hours: 12	
BIO 111	4	BIO 112	4
MTH 130 or 132	4	CHM 132	4
CHM 131	4	PHY 130QR	4
Course	Cr. Hrs.	Course	Cr. Hrs.
SOPHOMORE YEAR			
Semester: Fall Total Credit Hours: 11-12		Semester: Spring Total Credit Hours: 8-13	
BIO 211	4	BIO 212	4
PHY 131	4	BIO 213	4
¹ Option II-A: CHM 342 or Option II-B: CHM 345	4 or 3	If Option II-B: CHM 346 & 349	0-5
Course	Cr. Hrs.	Course	Cr. Hrs.
JUNIOR YEAR			
Semester: Fall Total Credit Hours: 9		Semester: Spring Total Credit Hours: 6-10	
BIO 330	3	BIO 553	3
One of: BIO 325, 500, 536	3	BIO 403	3-4
¹ CHM 421 or 425 or 521 (Option III-A, B, C)	3	CHM 522 (if Option III-C)	0-3
Course	Cr. Hrs.	Course	Cr. Hrs.
SENIOR YEAR			
Semester: Fall Total Credit Hours: 4		Semester: Spring Total Credit Hours: 4	
BIO 550	4	BIO 552	4
		² Capstone Exit Exam and Survey	0
Course	Cr. Hrs.	Course	Cr. Hrs.
FIFTH YEAR (IF NEEDED)			
Semester: Total Credit Hours:		Semester: Total Credit Hours:	

124 hours minimum required for graduation

40 hours 300 level or above required

¹ Students selecting Option II-A must also select Option III-A. Students selecting Option II-B may select any option in III.

² This capstone experience may include taking the Biology Major Field Test, analyzing and interpreting data, and/or completing an exit survey.