



First Year

1st Semester (14hrs)			2nd Semester (16hrs)		
Course	Title	hrs	Course	Title	hrs
ENGL A101*	Composition	3	ENGL A102*	Composition and Literature	3
MATH A111*	Pre-calculus	3	BIOL A121/122*	Introductory Biology	4
CHEM A111*	General Chemistry	4	CHEM A112*	General Chemistry	4
BIOL A121/A122*	Introductory Biology	4	MATH A122	Survey of Calculus	3
			ELECT	Free elective	2

Second Year

1st Semester(16-17hrs)			2nd Semester (13-14hrs)		
Course	Title	hrs	Course	Title	hrs
BIOL A350/A352*	Genetics	3-4	BIOL A370/A335*	Ecology	3-4
COMM A201/A241	GEN ED Oral Communications	3	BIOL A314, A318, A375*	Evolution	3
POLI A201 HIST A201/A202	GEN ED Am. Political Institutions	3	COLLEGE REQ.	College requirement	3
COLLEGE REQ.	College requirement	3	COGNATE	Cognate	4
COGNATE	Cognate	4			

Third Year

1st Semester (14hrs)			2nd Semester (16hrs)		
Course	Title	hrs	Course	Title	hrs
BIOL A405*	Biostatistics	3	BIOL A302, A325, A330, A340, A367, A412*	Cell/Molecular Biology	4
BIOL A312, A314, A316, A320, A330, A336*	Organismal Biology	4	BIOL A314, A325, A360, A365, A366, A390*	Integrated Systems	4
HIST A101/A102	GEN ED Global Cultures	3	GEN ED	Humanities	3
COGNATE	Cognate	4	COLLEGE REQ.	College requirement	3
			ELECT	Free elective	2

Fourth Year

1st Semester (15-17hrs)			2nd Semester (13-14hrs)		
Course	Title	hrs	Course	Title	hrs
BIOL A502, A510, A541 or A550*	Cell/Molecular Biology	3-4	BIOL A502, A510, A541 or A550*	Cell/Molecular Biology	3-4

***Must earn a C or better**

Bachelor of Science in Biology
Cellular and Molecular Concentration
2026-2027 Academic Bulletin



**Biological, Environmental
& Earth Sciences**

BIOL A302, A325, A330, A340, A367,	Cell/Molecular Biology	3-4	BIOL A499&A400 or A498*	Biology Capstone	4
GEN ED	Social/Behavioral Sciences	3	GEN ED	Humanities	3
ELECT	Free elective	3	ELECT	Free elective	3
ELECT	Free elective	3			

***Must earn a C or better**