

Bachelor of Science-Microbiology
Cat. 147 2024-2025

Student _____ UIN _____ Lower Level complete (**) _____

3 Hours International and Cultural Diversity _____

3 Hours Cultural Discourse _____

900-level section #'s of BIOL 401, 402, 403, 443, 491 (pre-approval), 495.

Two Writing Intensive Courses in Major: See advisor for other options. Cannot use both BIOL491 & BIOL495 or UGST405

Residency (300-400 level coursework, 36hrs required) _____ H.S. Foreign Language _____

	Hrs	Completed		Hrs	Completed
Core Curriculum			Introductory BIOL (14)		
Communications (6)			BIOL111**	4	
Comm. Elective	3		BIOL112**	4	
Comm. Elective	3		BIOL213**	3	
Mathematics (7)			BIOL214**	3	
MATH147**@	4				
MATH148**@/STAT201**	3		Directed Electives (7)		
Citizenship (12)					
American History	3				
American History	3		Select from any area:		
POLS206	3		Industrial:		
POLS207	3		BIOL414, 430, 438, 450, 460; BESC401, 402		
Social Science (3)	3		Environmental:		
Lang, Phil, Culture (3)	3		BIOL430, 440, 460; SCSC405; BESC401, 402, 403		
Creative Arts(3)	3		Medical:		
			BIOL445, 454, 455, 456; VTPB452, 487		
Supporting Sciences (39)			Molecular:		
CHEM119**	4		BIOL413, 430, 445, 460		
CHEM120**	4		One course may be any BIOL300-499. Maximum of 4 hours		
CHEM257**	4		484/485/491 may be used in Directed Electives.		
CHEM258**	4				
PHYS201	4		Biology Upper-Level Requirements (13)		
PHYS202	4		BIOL351	4	
STAT312	3		BIOL438	3	
BICH410	3		BIOL406	3	
BICH411	3		BIOL445 or BIOL454	3	
BICH414	2		Other		
GENE302 & 314	4		%Free Electives (13)	13	

TOTAL HOURS: 120

****Common Body of Knowledge courses. Freshmen: must complete before start of third year (5th full semester); Transfers: must complete within two semesters.**

@MATH147/148 alternative sequences: MATH151/152 or MATH171/172

%Free Electives CANNOT be: One hour Intro classes (BIMS101, AGLS101, etc.); MATH102, 103, BIOL101, 107, 113, 206; CAEN102; CHEM106, 116; only one KINE199 allowed.