



Biology (DA) Secondary

MAJOR

Course No.	Course Title	Credit Hours	Term/Equivalent Course & School	Grade
BIO 120	General Biology I	3		
BIO 121	General Biology I Lab	2		
BIO 122	General Biology II	3		
BIO 123	General Biology II Lab	2		
Form and Function (10 cr. lecture w/ lab):				
BIO 260	Comparative Anatomy	(lecture) 3 (lab) 2		
BIO 261	Comparative Anatomy Lab			
Or	Or			
BIO 463	Physiology			
BIO 464	Physiology Lab			
BIO 451	Plant Form & Function	3		
BIO 452	Plant Form & Function Lab	2		
Biological System* (8 cr. lecture w/ lab):				
BIO 270, or BIO 420, or BIO 375	Genetics, or Evolution, or Human Genetics	3		
BIO 421	Microbiology	(lecture) 3 (lab) 2		
BIO 422	Microbiology Lab			
Or	Or			
BIO 448	Ecology			
BIO 449	Ecology Lab			
Or	Or			
BIO 474	Cell & Molecular			
BIO 475	Cell & Molecular Lab			
Biology & Social Issues:				
BIO 290	Biometric	3		
BIO 499	Biology and Social Issues	3		
Credit Hours		34		GPA
Co-requisite, prerequisite, and recommended courses: (28)				
CHM 107	General Chemistry I	3		
CHM 110	General Chemistry I Lab	1		
CHM 108	General Chemistry II	3		
CHM 111	General Chemistry II Lab	2		
CHM 227	Organic Chemistry I	3		
CHM 228	Organic Chemistry I Lab	2		
CHM 229	Organic Chemistry II	3		
MTH 140	Elementary Functions	3		
PHY 130	General Physics I	3		
PHY 131	General Physics I Lab	1		
PHY 132	General Physics II	3		
PHY 133	General Physics II Lab	1		
Total Credits Required:		(62)		

*The department advises that students take BIO 448 Ecology in preparation for the Michigan Test for Teacher Certification.