

Advisement Checklist for Major in Biological Sciences

Chemistry Courses		SEMESTER
CHM 205		
CHM 206		
CHM 305		
CHM 303 OR CHM 306		
Total credits	16	

Physics Courses		SEMESTER
PHS 205/235		
PHS 210/240		
Total credits	8	

Math Courses		SEMESTER
MTH 122		
MTH 201, 221, 243, ENV 437		
Total credits	8	

Biology Courses		SEMESTER
BIO 201		
BIO 202		
BIO 301		
BIO 302		
BIO 498		
Total Credits	17	
300-ELECTIVES	OPTIONAL	
1.		
2.		
400-LABS		
1.		
2.		
400-electives		
BIO 4 __		
BIO 4 __		
BIO 4 __		
BIO 4 __		
Total credits	20	

General Education Courses	Credits	Course taken
Academic Planning Seminar	1	
ENL 112	3	
MTH 112/121/221 or Stats	3	
GEP 150	1	
Two Fine Arts from different disciplines, at least one with performance	6 (F/P)	
Two Natural Science from different disciplines, at least one with lab	7 (N/L)	
Social Science, not from HST	3 (S)	
Humanities, from a discipline other than the Western Civ course	3 (H)	
Western Civilization	3 (G)	
Other World Civilizations	3 (O)	
American History	3 (V)	
Foreign Language	6	
Contemporary Issues (must be upper division)	3 (I)	
Perspectives on Women	3 (W)	
Diversity	3 (D)	
Oral Communication	3 (Y)	

Currently Offered Electives in the Biological Sciences

COURSE NUMER	COURSE NAME	CREDITS	400-LEVEL LAB CREDIT
BIO 303	ECOLOGY	4	
BIO 321	ANATOMY & PHYSIOLOGY I	4	
BIO 322	ANATOMY & PHYSIOLOGY II	4	
BIO 323	MICROBIOLOGY	4	
BIO 345	HISTOLOGY	4	
BIO 401	ADVANCED CELL BIOLOGY LABORATORY	3	YES
BIO 404	DEVELOPMENTAL BIOLOGY	4	YES
BIO 411	EVOLUTION	3	
BIO 414	IMMUNOLOGY	3	
BIO 415	MOLECULAR BIOLOGY	3	
BIO 417	RECOMBINANT DNA LABORATORY	3	YES
BIO 420	MECHANISMS OF AGING	3	
BIO 424	EXPERIMENTAL RESEARCH	1-3	YES
BIO 426	RECOMBINANT DNA	3	
BIO 429	BIOMOLECULAR IMAGING	4	YES
BIO 455	NEUROPHYSIOLOGY	3	
BIO 467	BIOCHEMISTRY I	3	
BIO 468	BIOCHEMISTRY II	3	
BIO 470	BIOCHEMISTRY LAB	1	YES
BIO 475	CANCER BIOLOGY	3	
BIO 480	GENOMES AND PROTEOMES IN BIOMEDICINE	3	YES
BIO 489	NEUROBIOLOGY IN MEMORY, SELF & BRAIN	3	
BIO 4 __	SYSTEMS PHYSIOLOGY	4	YES