



SCIENCES DEPARTMENT

BIOLOGY MAJOR CURRICULUM	credits	SEQUENCES		
		BIO general	BIO health sciences	BIO education EA/A
R = required r = recommended e = elective				
BIO credits		38	38	37
5 credits at 100 level				
BIO 103 Introductory Biology	4	R	R	R
BIO 107 Introduction to the BIO & CHE Majors	1	R	R	note
16 credits at 200 level or above				
17 credits at 300 level or above				
BIO 211 Human Anatomy	4	e	e	e
BIO 212 Human Physiology	4	R	R	R
BIO 214 Zoology	4	R	R	R
BIO 215 Botany	4	e	e	r
BIO 216 Environmental Science	4	e	e	r
BIO 220 Contemporary Environmental Issues	2	e	e	e
BIO 256 Developmental Biology	4	e	R	e
BIO 325 Microbiology	4	e	R	e
BIO 337 Genetics	3	R	R	R
BIO 338 Molecular Techniques	2	R	R	R
BIO 340 Immunology	2	e	e	e
BIO 442 Advanced Microbiology	4	e	R	e
BIO 457 Ecology	4	R	R	R
CHE credits		16	16	16
8 credits at the 100 level				
CHE 113 Chemical Principles I	4	R	R	R
CHE 114 Chemical Principles II	4	R	R	R
8 credits at 200 level or above				
CHE 206 Essentials of Org. & Biol. Chemistry	4	e		e
CHE 216 Environmental Science	4	e		e
CHE 222 Instrumental Quantitative Analysis	4	e		e
CHE 333 Organic Chemistry I	4	e	R	e
CHE 334 Organic Chemistry II	4	e	R	e
CHE 352 Biochemistry	3	e		e
MAT credits		4	4	4
MAT 216 Elementary Statistics	4	r	R	r
PHY credits			8	
PHY 201 General Physics I	4		R	
PHY 202 General Physics II	4		R	
TOTAL credits		58	66	57

Note: Additional courses are required for students preparing to teach at the middle or secondary level. These students take EDU 200 Orientation to Teaching instead of BIO 107. See the separate listing of other Courses Required for Early Adolescence/Adolescence Teacher Education and consult the Education Department.