

Major: BIOCHEMISTRY (Biological Emphasis)

Student's Last Name

First Name

Middle Initial

Advisor

Date Major Declared

Course #	Title of Course	Hours Required	Semester Completed	Grade
Biology Required Courses (12 hrs)				
BIO 114/115	Biological Processes	4		
BIO 124/125	Biodiversity	4		
BIO 404	Biochemistry (<i>CHM 314/315 prereq, 324/325 coreq</i>)	4		
Chemistry Required Courses (16 hrs)				
CHM 114/115	General Chemistry I	4		
CHM 124/125	General Chemistry II	4		
CHM 314/315	Organic Chemistry I	4		
CHM 324/325	Organic Chemistry II	4		
Biology Electives (Three of the following: 9-12 hrs)				
BIO 212	Research Methods	3		
BIO 300	Immunology	3		
BIO 301	Genetics	4		
BIO 303	Microbiology (<i>BIO 114/115 & 124/125 prereq</i>)	4		
BIO 310	Environmental Toxicology	3		
BIO 325	Molecular Cell Biology	4		
BIO 330	Virology (<i>BIO 301 recommended</i>)	3		
BIO 372	Developmental Biology (<i>BIO 301 prereq</i>)	4		
BIO 398	Independent Research Projects in Biochemistry	3-4		
BIO 420	Physiology (<i>BIO 302 or 322 prereq</i>)	4		
Chemistry Electives (Two of the following: 6-8 hrs)				
CHM 304	Inorganic Chemistry	3		
CHM 334/335	Analytical Chemistry I (<i>lab required</i>)	4		
CHM 344/345	Analytical Chemistry II (<i>lab required</i>)	4		
CHM 404	Physical Chemistry for the Life Sciences	3		
OR CHM 424/425	Physical Chemistry I (<i>lab required</i>)	4		
CHM 410	Advanced Topics in Chemistry	3		
CHM 434/435	Physical Chemistry II (<i>lab required</i>)	4		
Other Required Course (3-5 hrs)				
MAT 114	Elementary Statistics	3		
OR MAT 124	Calculus I	5		
TOTAL HOURS FOR MAJOR		46-53 hrs		

If any substitutions or waivers of requirements are allowed, please list below and initial.

Advisor Signature: _____ Department Chair Signature: _____