

Major: BIOCHEMISTRY (Chemical 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		
CHM 334/335	Analytical Chemistry I	4		
CHM 404	Physical Chemistry for the Life Sciences	3		
OR CHM 424/425	Physical Chemistry I	4		
Physics Required Courses (8 hrs)				
PHY 201	Physics I	4		
PHY 212	Physics II	4		
Mathematics Required Courses (9 hrs)				
MAT 124	Calculus I	5		
MAT 214	Calculus II	4		
Biology Electives (Two of the following: 7-8 hrs)				
BIO 301	Genetics	4		
BIO 325	Molecular Cell Biology	4		
BIO 330	Virology (<i>BIO 301 recommended</i>)	3		
BIO 420	Physiology (<i>BIO 302 or 322 prereq</i>)	4		
BIO 372	Developmental Biology (<i>BIO 301 prereq</i>)	4		
BIO 303	Microbiology (<i>BIO 114/115 & 124/125 prereqs</i>)	4		
Chemistry Electives (One of the following: 3-4 hrs)				
CHM 304	Inorganic Chemistry	3		
CHM 344/345	Analytical Chemistry II	4		
CHM 410	Advanced Projects in Chemistry	3		
CHM 434/435	Physical Chemistry	4		
TOTAL HOURS FOR MAJOR		62-65 hrs		

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

Advisor Signature: _____ Department Chair Signature: _____