

Typical Curriculum for a B.S. DEGREE in CHEMISTRY (Biochemistry Emphasis)

STUDENT: _____

revised in **2018** a DATES ADVISED: / / / / / / / / / /

FRESHMAN		31 hrs		English		Biology (recommended)		Math		Social Sciences		Electives			
Chemistry												Dept.	No.	Hrs.	Grade
105 General I	3			WRIT 100/101	3	160	3	261	3						
115 General Lab I	1			or HON 101		161	1	262	3		3				
<i>opt</i> 107 Honors	1			WRIT 102	3	<i>opt</i> 164H	1				Social Sciences recommended for 2015 MCAT: PSY 201 general PSY 202 statistics SOC 101 intro				
106 General II	3		or LIBA 102		162	3									
116 General Lab II	1		HON 102		163	1									
<i>opt</i> 108 Honors	1				<i>opt</i> 165H	1									

SOPHOMORE		34 hrs		Physics		Language		Math		Social Sciences		Electives			
Chemistry												Dept.	No.	Hrs.	Grade
221 Organic I	3			211	3	111	6	263	3		3				
225 Organic Lab I	1			221	1			264	3		& /or Humanities*				
222 Organic II	3			212	3										
226 Organic Lab II	1			222	1										

JUNIOR		30 hrs		Language		Math		Social Sciences & /or Humanities*		Electives			
Chemistry										Dept.	No.	Hrs.	Grade
314 Quant Analysis	4			211	6	319	3						
331 Physical I	3			or 353		375							
471 Biochemistry	3			or 375					3				
332 Physical II	3							Humanities recommended for 2015 MCAT: PHIL 321 ethics PHIL 328 biomedical ethics PHIL 103 logic					
337 Physical Lab	1												
472 Biochem Lab	1												
473 Biochemistry	3												

SENIOR		25-26 hrs		Advanced elective chosen from:		English		Arts		Electives			
Chemistry										Dept.	No.	Hrs.	Grade
401 Inorg Chem Prin	3			Chemistry		22__	3			Elective		0-1	
463 Research	2			580 3 Molecular Biochem I		22__	3		3				
402 Inorganic lab	1			581 3 Molecular Biochem II									
463 Research	2			Biology **									
469 Instrumental	4			333 4 Microbiology									
Advanced Elective	3-4			336 4 Genetics									

Advanced elective chosen from:
 Chemistry
 580 3 Molecular Biochem I
 581 3 Molecular Biochem II
 Biology **
 333 4 Microbiology
 336 4 Genetics

Graduation Hour Requirements:
 120 Total hours
 40 hours (1/3 of total) at ≥ 300 level [37-38 prescribed]
 49-50 hours in chemistry

** ≥ 18 total Bisc hours for a **Biology minor**

[34-35 upper]

[3 upper]

* Note: **Phi Beta Kappa** requires 6 hr of History