

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

STUDENT: _____

revised in **2022** a DATES ADVISED:

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

SOPHOMORE		34 hrs															
Chemistry				Physics		Language		Math		Social Sciences		Electives					
221	Organic I	3	<input type="checkbox"/>	211	3	<input type="checkbox"/>	111	6	<input type="checkbox"/>	263	3	<input type="checkbox"/>	Dept.		No.	Hrs.	Grade
225	Organic Lab I	1	<input type="checkbox"/>	221	1	<input type="checkbox"/>				264	3	<input type="checkbox"/>	3				
<i>opt</i>	227 Honors	1	<input type="checkbox"/>	212	3	<input type="checkbox"/>				<i>& /or Humanities*</i>							
222	Organic II	3	<input type="checkbox"/>	222	1	<input type="checkbox"/>											
226	Organic Lab II	1	<input type="checkbox"/>														
<i>opt</i>	228 Honors	1	<input type="checkbox"/>														

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

SENIOR		25-26 hrs													
Chemistry				English		Arts		Electives							
401	Inorg Chem Prin	3	<input type="checkbox"/>	22__	3	<input type="checkbox"/>	Dept.		No.	Hrs.	Grade	Graduation Hour Requirements: 120 Total hours 40 hours (1/3 of total) at ≥ 300 level [37-38 prescribed] 49-50 hours in chemistry			
463	Research	2	<input type="checkbox"/>	22__	3	<input type="checkbox"/>	3								
402	Inorganic lab	1	<input type="checkbox"/>												
463	Research	2	<input type="checkbox"/>												
469	Instrumental	4	<input type="checkbox"/>												
<input type="checkbox"/>	Advanced Elective	3-4	<input type="checkbox"/>												

Advanced elective chosen from:

Chemistry

580 3 Molecular Biochem I

581 3 Molecular Biochem II

Biology **

333 4 Microbiology

336 4 Genetics

[34-35 upper] ** ≥ 18 total Bisc hours for a **Biology minor** [3 upper] * Note: Phi Beta Kappa requires 6 hr of History