

TYPICAL CURRICULUM for a B.S. DEGREE in CHEMISTRY (Standard Option) STUDENT: _____

revised in **2018 b** DATES ADVISED:

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FRESHMAN		[32]											
Chemistry				English		Language		Math		Social Sciences		Electives	
												Dept. No. Hrs. Grade	
105	General I	3	<input type="text"/>	WRIT 100/101	3	<input type="text"/>	<input type="text"/>	261	3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
115	General Lab I	1	<input type="text"/>	or HON 101	<input type="text"/>	111	6	<input type="text"/>	262	3	<input type="text"/>	3	<input type="text"/>
<i>opt</i>	107 Honors	1	<input type="text"/>	WRIT 102	3	<input type="text"/>							
	106 General II	3	<input type="text"/>	or LIBA 102	<input type="text"/>						3	<input type="text"/>	
	116 General Lab II	1	<input type="text"/>	HON 102	<input type="text"/>								
<i>opt</i>	108 Honors	1	<input type="text"/>										

SOPHOMORE		[31]												
Chemistry				Physics		Language		Math		Electives				
												Dept. No. Hrs. Grade		
221	Organic I	3	<input type="text"/>	211	3	<input type="text"/>	211	6	<input type="text"/>	263	3	<input type="text"/>		
225	Organic Lab I	1	<input type="text"/>	221	1	<input type="text"/>			264	3	<input type="text"/>			
222	Organic II	3	<input type="text"/>	212	3	<input type="text"/>								
226	Organic Lab II	1	<input type="text"/>	222	1	<input type="text"/>								

JUNIOR		[29]											
Chemistry				English		Arts		Math		Electives			
												Dept. No. Hrs. Grade	
314	Quant Analysis	4	<input type="text"/>	22__	3	<input type="text"/>	<input type="text"/>	319	3	<input type="text"/>			
331	Physical I	3	<input type="text"/>	22__	3	<input type="text"/>	<input type="text"/>	353	<input type="text"/>				2
332	Physical II	3	<input type="text"/>					375	<input type="text"/>				
337	Physical Lab	1	<input type="text"/>										
469	Instrumental	4	<input type="text"/>										

- Two advanced electives from:**

 - 512 Adv Analytical 3
 - 514 Electrochemistry 3
 - 519 Chem Separations 3
 - 527 Adv Organic I 3
 - 528 Adv Organic II 3
 - 529 Stereochem 3
 - 530 Adv Org Synth 3
 - 531 Quantum Chem 3
 - 532 Thermodynam 3
 - 534 Phys Biochem 3
 - 536 Dynamics 3
 - 544 Group Theory 3
 - 563 Applied Spectr 3

SENIOR		[28]											
Chemistry						Social Sciences & /or Humanities*		Electives					
												Dept. No. Hrs. Grade	
401	Inorg Chem Prin	3	<input type="text"/>										
463	Research	2	<input type="text"/>										
471	Biochemistry	3	<input type="text"/>										
402	Inorganic lab	1	<input type="text"/>										
463	Research	2	<input type="text"/>										
423	Organic Analysis	2	<input type="text"/>										
	Advanced Elective	3	<input type="text"/>										
	Advanced Elective	3	<input type="text"/>										
			<input type="text"/>										

Graduation Hour Requirements:

120 Total hours

40 hours (1/3 of total) at 300 level or above [37 prescribed]

47 hours in chemistry

[3 upper] *Note: Phi Beta Kappa requires 6 hr of History

[34 upper]