

# Typical Curriculum for a B.S. DEGREE in CHEMISTRY (Chemical Physics Option) STUDENT: \_\_\_\_\_

revised in **2018** a DATES ADVISED: 

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

SOPHOMORE		[31]													
Chemistry				Physics		Language		Math		One elective from:		Electives			
<b>221</b> Organic I	3	<input type="checkbox"/>	<b>211</b>	3	<input type="checkbox"/>	211 6 <input type="checkbox"/>		<b>263</b>	3	<input type="checkbox"/>	Phys 303	Dept.	No.	Hrs	Grade
<b>225</b> Organic Lab I	1	<input type="checkbox"/>	<b>221</b>	1	<input type="checkbox"/>	<input type="checkbox"/>		<b>264</b>	3	<input type="checkbox"/>	Phys 308	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>222</b> Organic II	3	<input type="checkbox"/>	<b>212</b>	3	<input type="checkbox"/>	<input type="checkbox"/>				Phys 315		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>226</b> Organic Lab II	1	<input type="checkbox"/>	<b>222</b>	1	<input type="checkbox"/>	<input type="checkbox"/>				Phys 317		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

JUNIOR		[28]													
Chemistry				English		Arts		Math		One elective from:		Electives			
<b>314</b> Quant Analysis	4	<input type="checkbox"/>	22__	3	<input type="checkbox"/>	<input type="checkbox"/>		<b>319</b>	3	<input type="checkbox"/>	Phys 319	Dept.	No.	Hrs	Grade
<b>331</b> Physical I	3	<input type="checkbox"/>	22__	3	<input type="checkbox"/>	3 <input type="checkbox"/>		<b>353</b>	<input type="checkbox"/>	<input type="checkbox"/>	Phys 321	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>332</b> Physical II	3	<input type="checkbox"/>			<input type="checkbox"/>		<b>375</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Phys 401	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>337</b> Physical Lab	1	<input type="checkbox"/>			<input type="checkbox"/>						Phys 422	<input type="checkbox"/>	<input type="checkbox"/>	3	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>						Astr 325	<input type="checkbox"/>	<input type="checkbox"/>	2	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SENIOR		[29]												
Chemistry				Two advanced electives from:		Social Sciences & /or Humanities*		Graduation Hour Requirements:		Electives		* Note: Phi Beta Kappa requires 6 hr of History		
<b>401</b> Inorg Chem Prin	3	<input type="checkbox"/>	531	Quantum Chem	3	<input type="checkbox"/>		120	Total hours	Dept.	No.	Hrs	Grade	
<b>463</b> Research	2	<input type="checkbox"/>	532	Thermodynamics	3	3 <input type="checkbox"/>		40	hours (1/3 of total) at 300 level or above [37 prescribed]	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	
<b>471</b> Biochemistry	3	<input type="checkbox"/>	536	Dynamics	3	<input type="checkbox"/>		47	hours in chemistry	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>402</b> Inorganic lab	1	<input type="checkbox"/>	544	Group Theory	3	3 <input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>463</b> Research	2	<input type="checkbox"/>	563	Applied Spectroscopy	3	<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>469</b> Instrumental	4	<input type="checkbox"/>			<input type="checkbox"/>						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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