

# Typical Curriculum for a B.S. DEGREE in CHEMISTRY (Environmental Chemistry Emphasis)

STUDENT: \_\_\_\_\_

revised in **2020** a DATES ADVISED 

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## FRESHMAN [32]

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

## SOPHOMORE [31]

Chemistry		Physics		Language		Math		Electives			
<b>221</b> Organic I	3	<b>211</b>	3	211	6	<b>263</b>	3	Dept.	No.	Hrs	Grade
<b>225</b> Organic Lab I	1	<b>221</b>	1			<b>264</b>	3			3	
<b>222</b> Organic II	3	<b>212</b>	3								
<b>226</b> Organic Lab II	1	<b>222</b>	1								

## JUNIOR [29]

Chemistry		English		Math		Electives			
<b>314</b> Quant Analysis	4	22__	3	<b>319</b>	3	Dept.	No.	Hrs	Grade
<b>331</b> Physical I	3	22__	3	<b>353</b>				3	
<b>332</b> Physical II	3			or <b>375</b>				2	
<b>337</b> Physical Lab	1								
<b>469</b> Instrumental	4								

## SENIOR [28]

Chemistry		Arts		Social Sciences & /or Humanities*		Electives			
<b>401</b> Inorg Chem Prin	3					Dept.	No.	Hrs	Grade
<b>463</b> Research	2							2	
<b>471</b> Biochemistry	3								
<b>512</b> Adv Analytical	3								
<b>402</b> Inorganic lab	1								
<b>463</b> Research	2								
Advanced Elect	3								

One advanced elective from:

- Chem 554 Analyt Environ 3
- Bisc 322 Ecology 3
- Bisc 451 Ecotoxicology 3
- Engr 540 EnvironTransp 3
- GE 503 Environ Geoch 3
- Phcl 347 Environ Toxicc 3

Graduation Hour Requirements:

## Total hours

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

47 hours in chemistry

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