

**Recommended Sequence of Chemistry, Math and Physics Courses  
for ACS Certified B.S. in Chemistry  
students interested in Organic Chemistry or Biochemistry**

9/10/2008

	Fall			Spring		
	Number	Hr	Title	Number	Hr	Title
<b>Freshman</b>	Chem 1211K	4	Prin Chem I	Chem 1212K	4	Prin Chem II
	Math 1113	3	Precalculus	Math 2211	4	Calc I
<b>Science total</b>		7			8	
	Number	Hr	Title	Number	Hr	Title
<b>Sophomore</b>	Chem 2400	4	Org I	Chem 3410	4	Org II
	Chem 3100	2	Org I Lab	Chem 3110	2	Org II Lab
	Math 2212	4	Calc II	Phys 2212K	4	Phys II
	Phys 2211K	4	Phys I			
<b>Science total</b>		14			10	
	Number	Hr	Title	Number	Hr	Title
<b>Junior</b>	Chem 4110	3	PChem I	Chem 4120	3	PChem II
	<b>Chem 4330</b>	<b>3</b>	<b>Adv Syn</b>	Chem 4000	3	Analytical
	<b>Chem 4600</b>	<b>5</b>	<b>Biochem</b>	Chem 4160	2	Research
<b>Science total</b>		11			8	
	Number	Hr	Title	Number	Hr	Title
<b>Senior</b>	Chem 4190	3	Spectroscopy	<b>Chem 4210</b>	<b>3</b>	<b>Inorg Chem</b>
	<b>Chem 4170</b>	<b>4</b>	<b>Research</b>	Chem 4010	3	Chromatography
	Chem 2010	2	Quant Anal			
				<b>Graduate!!!</b>		
<b>Science total</b>		9			<b>6</b>	

1. ACS requirements are in bold; if you do not want an ACS certified degree, you don't have to take 4210, 4330 and 4170. You can also skip 4600 (Biochemistry) if you do not want ACS certification, but you have to take some combination of chemistry (or crosslisted biology) courses to equal 5 hours.
2. Note that a C- *does not count* towards your major and cannot be used as a prerequisite.
3. If you are doing research, you can replace 2010 with 2 hours of 4950. You can also take 2010 in the summer.
4. If there is a discrepancy between this sheet and the University Catalog, the Catalog is correct.
5. If you plan to take the GRE Subject Chemistry Exam, move Chem 4210 to your junior year and discuss options with an advisor.
6. Register as early as possible because classes fill quickly!