

Department of Chemistry
Recommended Chemistry Courses
College of Arts and Sciences Majors

		<u>Credit Hours</u>
Chem 003	General Chemistry Lecture I	4
Chem 004	General Chemistry Lecture II	4
Chem 005	General Chemistry Lab I	1
Chem 006	General Chemistry Lab II	1
Chem 141	Organic Chemistry Lecture I	3
Chem 142	Organic Chemistry Lecture II	3
Chem 145	Organic Chemistry Lab	3
Chem 171	Physical Chemistry Lecture I	3
Chem 172	Physical Chemistry Lecture II	3
Chem 173	Physical Chemistry Lab I	2
Chem 174	Physical Chemistry Lab II	2
Chem 122	Analytical Chemistry Lecture	3
Chem 123	Analytical Chemistry Lab	2
Chem 126	Instrumental Analysis Lecture	3
Chem 127	Instrumental Analysis Lab	2
	Chemistry Total:	39 Hours

Four-year Program for the
COAS Major in Chemistry
Pre-Calculus Sequence (128 Credit Hours)

Freshman Year							
First Semester			Credit Hours	Second Semester			
			Credit Hours				
Gen Chem Lec I	003	4		Gen Chem Lec II	004	4	
Gen Chem Lab I	005	1		Gen Chem Lab II	006	1	
English	002	3		English	003	3	
Math	007	4		Math (Cal I)	156	4	
Divisional	A	3		Divisional A		3	
Fresh. Orientation		1					
Physical Education		1					
Total			17	Total			15

Sophomore Year							
First Semester			Credit Hours	Second Semester			
			Credit Hours				
Organic Chem Lec	141	3		Organic Chem Lec	142	3	
Math (Cal II)	157	4		Organic Chem Lab	145	3	
Physics	013	4		Math (Cal III)	158	4	
and Physics	023	1		Physics	014	4	
or Physics	001	5		and Physics	024	1	
				or Physics	002	5	
Divisional C		3					
Physical Education		1		Divisional B		3	
Total			16	Total			18

Junior Year

First Semester	Credit Hours	Second Semester	Credit Hours
Phys Chem Lec I 171	3	Phys Chem Lec II 172	3
Phys Chem Lab I 173	2	Phys Chem Lab II 174	2
Foreign Language	4	Foreign Language	4
Speech	3	English (Writing*)	3
Divisional C	3	Divisional A	3
Physical Education	1		
Total		Total	
	16		15

Senior Year

First Semester	Credit Hours	Second Semester	Credit Hours
Analytical Chem 122	3	Instrumental Chem 126	3
Analytical Lab 123	2	Instrumental Lab 127	2
Elective	3	Philosophy	3
Divisional B	3	Divisional A	3
Foreign Language	4	Foreign Language	4
Physical Education	1		
Total		Total	
	16		15