

## CHEMISTRY SAMPLE PROGRAMS

ACS ENVIRONMENTAL CHEMISTRY (CHEC) - B.S. Major					
On track starting freshman year					
Satisfies	Fall Semester	SH	Satisfies	Spring semester	
<b>Year 1</b>					
GE-gl 3	CHEM 212 Principles of Chemistry I	4	GE-gl 3	CHEM 213 Principles of Chemistry II	
GE-gl 4	MATH 120 (Precalculus) or 212 (Calculus I)	4		MATH 212 (Calculus I) or 213 (Calculus II)	
GE-gl 1	ENG 111 College Reading and Writing	4	GE-gl 1	CMST 191 Intro. to Public Speaking	
gl 5-9	Gen. Ed.	3		PHYS 221 U. Physics I or Gen. Ed.	
	Orientation	1			
		<b>16</b>			
<b>Year 2</b>					
GE- OI	CHEM 360 Chemical Information	2		CHEM 340 Organic Chemistry Survey	
	PHYS 221 U. Physics I or 222 (U. Physics II)	4	(gl 5-9)	PHYS 222 Univ. Physics II or Gen. Ed.	
(gl 5-10)	MATH 213 (Calculus II) or Gen. Ed.	3-4		BIOL elective	
	BIOL 312 General Ecology	3	gl 5-9	Gen. Ed.	
	BIOL 312 General Ecology Laboratory	1	GE-PDW	PE	
gl 5-9	Gen. Ed.	3			
		<b>16-17</b>			
<b>Year 3</b>					
gl 10	CHEM 320 Environmental Chemistry	3	GE-CAI	CHEM 414 Physical Chemistry II	
GE-CAI	CHEM 412 Physical Chemistry I	3	GE-WI	CHEM 415 Physical Chemistry II Lab	
GE-WI	CHEM 413 Physical Chemistry I Lab	1		CHEM 436 Topics in Enviro Chem * or Gen Ed.	
GE-WI	CHEM 425 Analytical Chemistry I	4	GE-WI	CHEM 426 Analytical Chemistry II	
	CHEM/BIOL/GEOS elective or Gen. Ed.	2-4	gl 5-9	Gen. Ed.	
GE-WI	CHEM 430 Individual Projects in Chemistry	1			
		<b>14-15</b>			
<b>Year 4</b>					
	CHEM 405 Biochemistry	3		CHEM/BIOL/GEOS elective or Gen. Ed.	
GE-WI	CHEM 406 Biochemistry I Laboratory	1	(gl 5-9)	CHEM 436 Topics in Enviro Chem* or Gen. Ed.	
	CHEM 450 Adv Inorganic Chemistry	4	GE-OI	CHEM 475 Seminar in Chemistry	
(gl 5-9)	CHEM/BIOL/GEOS elective or Gen. Ed.	3-4	gl 5-9	Gen. Ed.	
gl 5-9	Gen. Ed.	3		CHEM/BIOL/GEOS elective or Gen. Ed.	
GE-PDW	PE	1	gl 5-9	Gen. Ed.	
		<b>15-16</b>			
*CHEM 436 is offered Springs of odd-numbered years only					

# CHEMISTRY SAMPLE PROGRAMS

<b>SH</b>
4
4
3
3-4
<b>14-15</b>
4
3-4
4
3
1
<b>15-16</b>
3
2
3
4
3
<b>15</b>
3-4
3
1
3
2-4
3
<b>15-18</b>