

## CHEMISTRY SAMPLE PROGRAMS

### CHEMISTRY (General) (CHEG)- 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 5-10	Gen. Ed.	3	(gl 5-10)	PHYS 201 or 221 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 201 or 202 or 221 or 222	4		PHYS 202 or 222 or Gen. Ed.
(gl 5-10)	MATH 213 (Calculus II) or Gen. Ed.	3-4	gl 5-10	Gen. Ed.
(gl 5-10)	CHEM 350* or Gen. Ed.	3	gl 5-10	Gen. Ed.
	Gen. Ed.	3		
		<b>15-16</b>		
<b>Year 3</b>				
GE-CAI	CHEM 412 Physical Chemistry I	3	GE-CAI	CHEM 414 & 415 Physical Chemistry & Lab <b>OR</b>
GE-WI	CHEM 413 Physical Chemistry I Lab	1		CHEM 426 Analytical Chemistry II
	CHEM 425 Analytical Chemistry I	4	GE-WI	CHEM/BIOL elective
	CHEM/BIOL elective	4	GE-WI	CHEM/BIOL elective
gl 5-10	Gen. Ed.	3	gl 5-10	Gen. Ed.
		<b>15</b>		
<b>Year 4</b>				
	CHEM 405 Biochemistry I <b>AND</b>	3	GE-OI	CHEM 475 Seminar in Chemistry
GE-WI	CHEM 406 Biochemistry I Laboratory <b>OR</b>	1		Electives
	CHEM 450 Adv Inorganic Chemistry	4		
	CHEM/BIOL elective	2-4		
gl 5-10	Gen. Ed.	3		
gl 5-10	Gen. Ed.	3		
	Elective	3		
		<b>15-17</b>		
*CHEM 350 if planning to take CHEM 351 as an elective				