

Chemistry Major Sample 4-year plan

Major: Chemistry Even Year

E FALL OF YEAR ONE			O SPRING OF YEAR ONE		
Prefix and Number	Course Title	Credit Hours			
CHEM123	General Chemistry I	4	CHEM124	General Chemistry II	4
ENGL120	Introductory English Composition	3		Writing intensive course (ENGL121)	3
INTD105	Wesleyan Experience	2		Liberal studies /elective (MATH121)	3
INTD115	Wesleyan Heritage	1		Liberal studies /elective	3
	Liberal studies /elective	3		Liberal studies /elective	3
	Liberal studies /elective	3			
	Total	16		Total	16

O FALL OF YEAR TWO			E SPRING OF YEAR TWO		
Prefix and Number	Course Title	Credit Hours	Prefix and Number	Course Title	Credit Hours
CHEM300	Organic Chemistry I	4	CHEM320	Organic Chemistry II	4
CHEM310	Organic Laboratory Techniques	2	CHEM330	Organic Synthesis and Spectroscopy	2
MATH145	Calculus I	4	CHEM223	<i>Quantitative Analysis</i>	4
	Liberal studies /elective	3		Liberal studies /elective	3
	Liberal studies /elective	3		Liberal studies /elective	3
	Total	16		Total	16

E FALL OF YEAR THREE			O SPRING OF YEAR THREE		
Prefix and Number	Course Title	Credit Hours	Prefix and Number	Course Title	Credit Hours
PHYS221	General Physics I	5	PHYS222	General Physics II	5
CHEM311	Laboratory Safety and Maintenance	2	CHEM323	Inorganic Chemistry	3
	Liberal studies /elective	3		Liberal studies /elective	3
	Liberal studies /elective	3		Liberal studies /elective	3
	Liberal studies /elective	3		Liberal studies /elective	3
	Total	17		Total	17

O FALL OF YEAR FOUR			E SPRING OF YEAR FOUR		
CHEM427	Physical Chemistry	4		Capstone Experience	2-10
CHEM 410	Biochemistry I	3	CHEM 420	Biochemistry II	3
	Liberal studies /elective	3		Liberal studies /elective	3
	Liberal studies /elective	3		Liberal studies /elective	3
	Liberal studies /elective	3		Liberal studies /elective	3
	Total	16		Total	10-16