



SAMPLE FOUR-YEAR PLAN FOR CHEMISTRY

Updated: March 2010

JANUARY TERM

Students admitted Fall 2007 or later are required to complete a minimum of two January terms. Transfer students who transfer in 40 credits or more are required to complete at least one January term.	CR
Elective course	3
Elective course	3

FIRST YEAR FALL SEMESTER

FIRST YEAR SPRING SEMESTER

Title	CR	Title	CR
LIB 100 Modes of Inquiry	3	General Elective	3
Writing requirement (LIB 105 or ENG 111) or speaking requirement (LIB 110)	3	Writing requirement (LIB 105 or ENG 111) or speaking requirement (LIB 110)	3
Math Modeling (MAT 113, 117, 150, 170)	4	MAT 117 PreCalculus, 150 Calculus of One Variable I, 160 Calculus of One Variable II	4
CHE 111: General Chemistry I	4	CHE 112 General Chemistry II	4

SOPHOMORE YEAR FALL SEMESTER

SOPHOMORE YEAR SPRING SEMESTER

Title	CR	Title	CR
LIB 220 Democracy & Global Diversity or Catholic tradition (LIB 130 or 135)	3	LIB 220 Democracy & Global Diversity or Catholic tradition (LIB 130 or 135)	3
CHE 233: Organic Chemistry I	4	CHE 234: Organic Chemistry II	5
Choose one: PHY 110 Elements of Physics if MAT 117 completed or PHY 223 Physics for Scientists & Engineers if MAT 160 or above completed	4-5	Choose one: PHY 111 Elements of Physics if completed PHY 110 or PHY 224 Physics for Scientists & Engineers if completed PHY 223	4-5
Advanced General Education course	3-4	Advanced General Education course	3-4

JUNIOR YEAR FALL SEMESTER

JUNIOR YEAR SPRING SEMESTER

Title	CR	Title	CR
CHE 225 Quantitative Analysis	4	Electives	6
CHE 389 Junior Seminar	1	CHE 389 Junior Seminar continued	0
If odd year: CHE 352 Quantum Mechanics, if even year CHE elective	4	CHE 350 Biophysical Chemistry ,	4
Advanced General Education course	3-4	If even year CHE 455 Inorganic Chemistry , If odd year CHE 446 Instrumental Analysis	4
General elective	3	LIB 305: Portfolio	1

SENIOR YEAR FALL SEMESTER

SENIOR YEAR SPRING SEMESTER

Title	CR	Title	CR
CHE 489 Senior Seminar	0	CHE 489 Senior Seminar continued	1
Advanced General Education cluster	6-7		
If odd year: CHE 352 Quantum Mechanics, if even year CHE elective	4	If even year CHE 455 Inorganic Chemistry , If odd year CHE 446 Instrumental Analysis	4
General elective	6	General electives	9