



SAMPLE FOUR-YEAR PLAN FOR CHEMISTRY WITH SECONDARY EDUCATION

Updated: March 2010

JANUARY TERM

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

FIRST YEAR FALL SEMESTER

FIRST YEAR SPRING SEMESTER

Title	CR	Title	CR
LIB 100 Modes of Inquiry	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	If MAT 117 complete then MAT 150 Calculus of One Variable. If 150 complete then general elective	3-4
Math Modeling (MAT 117, 150, 170)	4	CHE 112 General Chemistry II	4
CHE 111 General Chemistry I	4	Catholic traditions (LIB 130 or 135) or general elective	3
General elective	3	PSY 121 Developmental Psychology	3

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 general elective	3
CHE 233: Organic Chemistry I	4	CHE 234: Organic Chemistry II	5
PHY 110 Elements of Physics	4	PHY 111 Elements of Physics	4
EDU 200 Intro to Reflective Teaching	3	EDU 203 Multicultural Education	3
EDU 201 Educational Psychology	3	Advanced General Education course	3

JUNIOR YEAR FALL SEMESTER

JUNIOR YEAR SPRING SEMESTER

Title	CR	Title	CR
CHE 225 Quantitative Analysis	4	Advanced General Education cluster	6-7
CHE 389 Junior Seminar	1	CHE 389 Junior Seminar continued	0
elective	3	CHE 350 Biophysical Chemistry	4
EDU 350 General Secondary Curriculum & Instruction	3	EDU 354 Special Secondary Curriculum and Instruction: Science	3
EDU 357 Reading in the Secondary School	3	LIB 305 Portfolio	1
Advanced General Education	3	Chose one: CHE 446 Instrumental Analysis in spring of junior year or CHE 335 Intro Biochemistry in fall of Senior year	3

SENIOR YEAR FALL SEMESTER

SENIOR YEAR SPRING SEMESTER

Title	CR	Title	CR
CHE 489 Senior Seminar	1	CHE 489 Senior Seminar continued	0
Take CHE 335 Intro Biochemistry if CHE 446 Instrumental Analysis not completed in spring of junior year	4	EDU 452 Student Teaching	12
EDU 301 Instructional Adaptations	3		
ENG 391 Language Theory & Teaching of Writing (offered odd years only)	3		
Advanced General Education course	3-4		