LORAS COLLEGE

SAMPLE FOUR-YEAR PLAN FOR CHEMISTRY WITH SECONDARY EDUCATION

For academic year 2014/2015

Updated: July 2013

JANUARY TERM	
Students are required to complete a minimum of two January terms.	**CR**
Intensive Science Research Experience (CHE 200)	3
Elective course	3

FRESHMAN YEAR			
FALL SEMESTER		**SPRING SEMESTER**	
Title	**CR**	**Title**	**CR**
General Chemistry I (CHE 111)	4	Organic Chemistry I (CHE 233)	4
Pre-Calculus (MAT 117)	3	Calculus of One Variable I (MAT 150)	4
Modes of Inquiry (LIB 100)	3	Developmental Psychology (PSY 121)	3
Writing requirement (LIB 105 or ENG 111)	3	Speaking requirement (LIB 110)	3

SOPHOMORE YEAR			
FALL SEMESTER		**SPRING SEMESTER**	
Title	**CR**	**Title**	**CR**
Organic Chemistry II (CHE 234)	4	General Chemistry II (CHE 112)	4
Elements of Physics I (PHY 210)	4	Elements of Physics II (PHY 211)	4
Foundations of Education (EDU 200)	2	Multicultural Education (EDU 265)	3
Foundations of Special Education (EDU 205)	2	Democracy & Global Diversity (LIB 220)	3
Catholic tradition (LIB 130 or 135)	3		

JUNIOR YEAR			
FALL SEMESTER		**SPRING SEMESTER**	
Title	**CR**	**Title**	**CR**
Quantitative Analysis (CHE 225)	4	Biophysical Chemistry (CHE 350)	4
Junior Seminar (CHE 389)	1	Junior Seminar (CHE 389)	0
Special Secondary Curriculum & Methods (EDU 354)	3	Differentiated Instruction, Grades 5-12 (EDU 339)	2
Advanced General Education course	3-4	General Secondary Curriculum & Instruction (EDU 350)	3
Advanced General Education course	3-4	Intermediate Clinical, Grad 5-12 (EDU 350L)	1

SENIOR YEAR			
FALL SEMESTER		**SPRING SEMESTER**	
Title	**CR**	**Title**	**CR**
Advanced Chemistry Elective	4	Senior Seminar (CHE 489) / Thesis Completion	0
Senior Seminar (CHE 489)	1	Student Teaching (EDU 452)	10
Reading in Middle & Secondary School (EDU 357)	3	Capstone Seminar & Portfolio (EDU 490)	2
Advanced General Education cluster	6-7		

This is an example of a four year plan only. Each student's schedule may differ based on their progress, course availability, and goals. Every student will have an consistent, individual meeting throughout their academic career with an advisor to customize their personal four year plan.