Western Oregon UNIVERSITY

Academic Degree Program
2013-14

Major in: **Chemistry**

Advisor Signature:

Student Name:

Student Signature:

Student ID:

Date:

Major 73 hours, 36 UD	Hrs	Has	Lacks
CH 221 General Chemistry I	5		
CH 222 General Chemistry II	5		
CH 223 General Chemistry III	5		
CH 312 Quantitative Analysis	4		
CH 313 Instrumental Analysis	4		
CH 334 Organic Chemistry I	3		
CH 335 Organic Chemistry II	3		
CH 336 Organic Chemistry III	3		
CH 337 Organic Chemistry Lab I	1		
CH 338 Organic Chemistry Lab II	2		
CH 350 Chemical Literature	1		
CH 407 Seminar	1		
CH 440 Physical Chemistry	3		
CH 441 Physical Chemistry	3		
CH 442 Physical Chemistry	3		
CH 461 Experimental Chemistry	2		
CH 462 Experimental Chemistry	2		
CH 463 Experimental Chemistry	2		
MTH 251 Calculus I	5		
MTH 252 Calculus II	5		
MTH 254 Multivariate Calculus	5		
Upper Division Chemistry electives:	6		

Traditional Chemistry prerequisites	Hrs	Has	Lacks
PH 211 Gen Physics w/Calc	4		
PH 212 Gen Physics w/Calc	4		
PH 213 Gen Physics w/Calc	4		
Program notes & Additional Degree Requirements			
Preparation for chemistry majors includes high school chemistry, physics and a minimum of three years of mathematics including a minimum of MTH 111.			
B.A. requires MTH 252, CS 161 and completion of third term second year foreign language requirement.			
B.S. requires combined total of 12 credit hours in mathematics and computer science, including MTH 252 and CS 161.			
Writing intensive course work should come from CH 350W, CH 407W, CH 461W and CH 462W. The sequence PH 201, 202, 203 is to be completed as the LACC science sequence.			
If a chemistry major selects mathematics as a minor, the calculus sequences are to be replaced by PH 211, 212, 213.			
Note: Chemistry majors are required to maintain a C average in their major.			
Minimum degree requirements of at least:			
180 or more total credit hours			
62 Upper Division credit hours			
45 of last 60 credits earned at WOU campus			
BA Degree Requirements			
CS 161			
MTH 252			
Writing Intensive:			
Foreign Language:			
BS Degree Requirements			
CS 161			
MTH 252			
CS/Math/Stats:			
Diversity:			
Writing Intensive:			