

# Chemistry Major B.S. Degree Checklist 2014-2015

Student \_\_\_\_\_

Advisor \_\_\_\_\_

Date Major Declared \_\_\_\_\_

Double Major? Yes (Dept. \_\_\_\_\_) No

Course	Term Taken	Hours	Grade
CHEM 111 General Chemistry I every Fall		4	
CHEM 112 General Chemistry II (CT) every Spring		4	
CHEM 211 Organic Chemistry I (Pre-req: 112) every Fall		4	
CHEM 212 Organic Chemistry II (Pre-req: 211) every Spring		4	
CHEM 312 Physical Chemistry I (Pre-req: 112, MATH 151, and PHYS 201; or permission) every Fall		4	
CHEM 313 Physical Chemistry II (Pre-req: 312) every Spring		4	
CHEM 351 Junior Seminar every Fall		0.5	
CHEM 450 Senior Seminar every Fall		0.5	
Research Project/CHEM 460/CHEM 470		3	
Departmental Assessment Exams Taken in final year (Fall)			
And <b>FOUR</b> courses chosen from the following:			
CHEM 221 Analytical Chemistry (QL and OC tentative) (Pre-req: 112) every Fall		4	
CHEM 350 Special Topics (ER) (Pre-req: 111 and 112)		3 or 4	
CHEM 411 Inorganic Chemistry alternate Spring-even years		4	
CHEM 422 Instrumental Analysis (Pre-req: 221) alternate Spring Semesters – even years		4	
CHEM 430x Biochemistry alternate Fall semesters – even years		4	
CHEM 433 Advanced Organic alternate Fall semesters-even years		4	
CHEM 444 Instrumental Organic (very rarely offered)		4	
<b>Additional Requirements:</b>			
PHYS 201 General Physics I		4	
PHYS 202 General Physics II		4	
<b>Math Requirement:</b>			
MATH 151 Calculus I			
MATH 152 Calculus II			
MATH 253 Calculus III or STAT 161 Statistics			

Notes (major elective choices, etc.)