

MINOR: CHEMISTRY

DEPARTMENT OF CHEMISTRY AND BIOCHEMISTRY

chemistry is a body of knowledge that helps explain the physical world and its processes.

MAJOR COURSE REQUIREMENTS	CREDITS	PREREQUISITES	SEMESTER TO BE COMPLETED	GRADE
CHEMISTRY				
CHEM 1151 General Chemistry I	5	1 yr HS chemistry and algebra		
or CHEM 1161 Honors General Chemistry I	5	1 yr HS chemistry and algebra and *		
CHEM 1152 General Chemistry II	5	CHEM 1151		
or CHEM 1162 Honors General Chemistry II	5	CHEM 1161		
CHEM 2212 Environmental Chemistry	4	CHEM 1152 or 1162		
or CHEM 2222 Quantitative Analysis and CHEM 2223 Quantitative Analysis Lab	3 1	CHEM 1152 or 1162 Concurrent registration in CHEM 2222		
CHEM 2521 Organic Chemistry I	4	CHEM 1152 or 1162		
CHEM 2522 Organic Chemistry II	4	CHEM 2521		
CHEM 3322 Biochemistry	3	CHEM 2522		
or CHEM 4632 Physical Chemistry	4	PHYS 2012 and 2 years of chemistry		
or CHEM 4641 Physical Chemistry I	3	PHYS 2012, 2 years of chem., & Math 3280		
MATHEMATICS				
MATH 1250 Precalculus	4	MATH 1005 with 'C-' or better or *		
or MATH 1290 Calc for the Natural Sciences	5	MATH 1250 with 'C-' or better or *		
or MATH 1296 Calculus I	5	MATH 1250 with 'C-' or better or *		

*Math Placement,

FOR ADDITIONAL INFORMATION:

Department of Chemistry and Biochemistry
246 Chemistry Building
726-7212 or 726-8163
chem@d.umn.edu
<http://www.d.umn.edu/chem>