

BS DEGREE in CHEMISTRY

REQUIRED CHEMISTRY COURSES	Year	SEM	Crs	Gr	Pts	TOT P
GENERAL Chemistry I CHM 131 OR AP Equivalent (4-5 credits)						
CHM 131 Chem Concepts I (5) OR AP/Equiv		Fall				
ORGANIC & Gen Chem II: FRESHMEN ORGANIC OR STANDARD Sequence (11-16 cr)						
FRESHMAN ORGANIC Sequence						
CHM 171 Org Chem I (4)		Fall				
CHM 173 Org Chem I LAB (1)		Fall				
CHM 172 Org Chem II (4)		Spring				
CHM 210W Org Chm II Lab (2)		Spring				
OR STANDARD Sequence						
CHM 132 Chem Concepts II (5)		Spring				
CHM 203 Org Chem I (4)		Fall				
CHM 207 Org Lab I (1)		Fall				
CHM 204 Organic Chem II (4)		Spring				
CHM 210 or 210W Org Lab II (choose) (2)		Spring				
ALL of the following THEORY courses (16 credits)						
CHM 211 Inorganic Chem (4)		Fall				
CHM 251 Physical Chem I (4)		Fall				
CHM 252 Physical Chem II (4)		Spring				
CHM262 or BIO250 BioChem (choose) (4)		Spring				
Both (2) of the following LAB courses (8 credits) - May be taken as W for ULW						
CHM 231 or 231W Chm Instr (choose) (4)		Fall				
CHM 232 or 232W Molclr Sp (choose) (4)		Spring				
+ One (1) of the following LAB courses (4 credits) - May be taken as W for ULW						
CHM 234 or 234W Adv Lab T (choose) (4)		Spring				
CHM244(W) or PHY245(W) ANSEL Lab (4)		Spring				
CHM 234 Alternative (choose one) (4)						
One (1) additional 400 LEVEL CHM course (4 credits)						
CHM 4XX 400-Level Chemistry (4)		Fall				
Two (2) semesters of Senior Research & Thesis (8 credits)						
CHM 393 Sr. Research w/:		Fall				
CHM 393 Sr. Research w/:		Spring				
Optional Additl CHM courses (NOT Required but will count in CHM GPA)						
:AP/Transferred Chem Credits						
ChmCr(GPA):						
Total Chem Cr.						

Student: _____ DATE: _____
 Class: _____ Other Major? _____
 ID #: _____ CHM GPA: _____
 Email: _____ General GPA: _____

REQUIRED ALLIED COURSES	Year	SEM	Crs	Gr
MATHEMATICS - 140 OR 160 Sequence (8-12 credits)				
140 Sequence				
MTH 141 Calculus I (4)				
MTH 142 Calculus II (4)				
MTH 143 Calculus III (4)				
OR 160 Sequence				
MTH 161 Calculus IA (4)				
MTH 162 Calculus IIA (4)				
+ One (1) of the following courses (4 credits):				
MTH 163 Ordinary Differential Eq (4)				
MTH 165 Linear Alg & Diffntl Eq (4)				
+ One (1) of the following courses (4 credits):				
MTH 164 (Multidim Calculus) (4)				
MTH 2XX 200-Level MTH (4)				
CSC 161(formerly170) Comp Science (4)				
CSC 171 Science of Programing (4)				
STT 201 Intro to Probability (4)				
STT 211 Apld STT for Social Sci I (4)				
STT 212 Apld STT BIO PHY SCI I (4)				
PHYSICS - Two (2) of the following PHYSICS courses (8 cr)				
PHY 113 General Physics I (4)				
PHY 114 General Physics II (4)				
PHY 121 Mechanics (4)				
PHY 122 Elec & Magnetism (4)				
PHY 123 Waves & Modern PHY (4)				
PHY 141 Mechanics *Hnrs (4)				
PHY 142 Elec & Magnetism *Hnrs(4)				
PHY 143 Waves & Modern PHY *Hnrs(4)				
Primary Writing Requirement (WRT 105 OR Equivalent)				
WRT 105 OR Equiv:				
Upper-Level Writing Requirement Satisfaction				
CHM ULW COURSE (choose one)				
XXX 2XXW - 2nd Upper Level Writing (4)				

Any CHM labs taken as a W can be carried down to this area to meet this requirement.
 Do not duplicate credits. Students may use one writing course from another department.

P=Planned IP=In Progress X=Complete ✓=Section Requirements Met

