

CHEMISTRY AUDIT

BULLETIN: 2009-11

STUDENT'S NAME: _____ Banner ID: _____

Course No.	Course Name	Hrs.	Completed Yes/No	Alternative Course No.	Course Name	Completed Yes/No	Petition Date
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General Major in Chemistry: 31-36 hours

CH141	General Chemistry I	4					
CH142	General Chemistry II	4					
CH143	Gen. Chem. Lab I	1					
CH144 or	Gen. Chem. Lab II	1					
CH151H	Chem. Principles	4					
CH153	Chem. Princ. Lab	1					
CH221	Organic Chemistry I	3					
CH222	Organic Chemistry II	3					
CH223	Organic Chem. Lab I	1					
CH224	Organic Chem. Lab II	1					
CH261	Analytical Chemistry	3					
CH263	Analytical Chem. Lab	1					
CH361	Intro. Physical Chem.	3					
or							
CH365,366	Physical Chem. I and II	6					
CH367	Physical Chem. Lab I	1					
CH441	Instrumental Analysis	3					
CH443	Instrumental Analytical Lab	1					
CH478A	Chemistry Seminar	0					
CH478B	Chemistry Seminar	0					

plus two upper-division electives: *CH399 strongly encouraged*

Required Support Courses for General Majors and Minors:

MT135	Calc./Analytical Geometry I	4					
MT136 or	Calc./Analytical Geometry II	4					
by permission:							
MT228	Stats for Bio. Sciences	3					
PH125	General Physics I	3					
PH125L	General Physics Lab	1					
PH126	General Physics II	3					
PH126L	General Physics Lab II	1					
or PH135 or (PH 215)	Physics I	3					
PH136 or (PH 216)	Physics II	3					
PH135L or (PH 215L)	Physics Lab I	1					
PH136L or (PH 216L)	Physics Lab II	1					

Comprehensive Major in Chemistry: 40-50 credit hours:

CH141	General Chemistry I	4					
CH142	General Chemistry II	4					
CH143	Gen. Chem. Lab I	1					
CH144 or	Gen. Chem. Lab II	1					
CH151/153	Chem. Principles/Lab	5					
and							
CH221	Organic Chemistry I	3					
CH222	Organic Chemistry II	3					
CH223	Organic Chem. Lab I	1					
CH224	Organic Chem. Lab II	1					
CH261	Analytical Chemistry	3					

CH263	Analytical Chem. Lab	1					
CH365	Physical Chem. I	3					
CH366	Physical Chem. II	3					
CH367	Physical Chem. Lab I	1					
CH368	Physical Chem. Lab II	1					
CH431	Gen. Biochemistry	4					
CH441	Instrumental Analysis	3					
CH443	Instrumental Analytical Lab	1					
CH478A	Chemistry Seminar	0					
CH478B	Chemistry Seminar	0					
CH481	Inorganic Chemistry	3					
CH482	Inorganic Chem. Lab I	1					
Plus 2 upper-division lecture electives and 1 credit of upper-division laboratory elective. CH399 is strongly encouraged							
<i>Required support courses : 28 hours</i>							
EP217	Math.Meth.Phy.& Eng.	3					
MT135	Calc./Analytical Geometry I	4					
MT136	Calc./Analytical Geometry II	4					
MT233	Calc./Analytical Geometry III	4					
PH135 or (PH215)	Physics I	3					
PH135L or (PH215L)	Physics Lab I	1					
PH136 or (PH216)	Physics II	3					
PH136L or (PH216L)	Physics Lab II	1					
PH246 or	Modern Physics	3					
PH325	Thermodynamics	3					
Pre-chemical engineering students should take:							
PH246	Modern Physics	3					
or strongly recommended:							
CS201	Intro. Computer Science	3					
Biochemistry Major in Chemistry: 40-50 hours							
CH141	General Chemistry I	4					
CH142	General Chemistry II	4					
CH143	Gen. Chem. Lab I	1					
CH144	Gen. Chem. Lab II	1					
or CH151&	Chem. Principles	4					
CH153	Chem.Principles Lab	1					
CH221	Organic Chemistry I	3					
CH222	Organic Chemistry II	3					
CH223	Organic Chem. Lab I	1					
CH224	Organic Chem. Lab II	1					
CH261	Analytical Chemistry	3					
CH263	Analytical Chem. Lab	1					
CH361 or	Intro. Physical Chem	3					
CH365 &	Physical Chem. I	3					
CH366	Physical Chem. II	3					
CH367	Physical Chem. Lab I	1					
CH435	Biochemistry I	4					
CH436	Biochemistry II	3					
CH437	Biochem. Lab I	1					
CH478A	Chemistry Seminar	0					
CH478B	Chemistry Seminar	0					
BL155	Principles of Biology I	3					

BL156	Principles of Biology II	3					
BL157	Princ. Of Bio. Lab I	1					
BL158	Princ. Of Bio. Lab II	1					
MT135	Calc./Analytical Geometry I	4					
MT136	Calc./Analytical Geometry II	4					
or by permission:							
MT228	Stats for Bio. Sciences	3					
and							
PH125	General Physics I	3					
PH125L	General Physics Lab	1					
PH126	General Physics II	3					
PH126L	General Physics Lab II	1					
or:							
PH135	Physics I	3					
PH135L	Physics Lab I	1					
PH136	Physics II	3					
PH136L	Physics Lab II	1					
Strongly encouraged CH441,CH443 be taken as one of CH electives							
CH399 strongly encouraged							
three upper-division CH or BL electives: <i>at least one must be CH</i> - Upper-division biology electives may be selected from:							
BL213	Genetics	4					
BL250	Comp. Anatomy Vertebrates	5					
BL250L	Comp. Anat.Vertebrates Lab	0					
BL254	Comp. Verteb. Embryology	4					
BL254L	CompVertebrates Embry.Lab	0					
BL301	Intro. to Cell Biology	4					
BL308	Vertebrate Histology	4					
BL308L	Vertebrate Histology Lab	0					
BL310	Microbiology	4					
BL310L	Microbiology Lab	0					
BL360	Human Physiology	4					
BL360L	Human Physiology Lab	0					
BL410	Infection & Immunity	3					
BL465	Molecular Genetics	3					
BL471	Immunology	3					
BL475	Endocrinology	3					
or other courses approved by the Chemistry Department Chair. Premedical track students are strongly advised to select BL213 as one elective.							
Total CH hrs completed:_____				Total CH hours needed to complete the major:____			
Major GPA:_____							
COURSES NEEDED TO COMPLETE MAJOR: _____							

ADVISOR'S SIGNATURE:_____							
DEPARTMENT CHAIR'S SIGNATURE:_____							