Chemistry Major- Certified Degree Option

Student___________________________________________                            ______-_______-_______

CORE AREA A: ESSENTIAL SKILLS
ENGL 1101..............................................3______
ENGL 1102..............................................3______
*MATH 1113..............................................3______
(Or with course substitution form)
MATH 1111 plus MATH1112……… (6) ______
TOTAL HOURS..............................................9______

CORE AREA B: PERSPECTIVES
(Must be from two different areas)
PERS..........................................................2______
PERS..........................................................2______
TOTAL HOURS..............................................4______

CORE AREA C: HUMANITIES/FINE ARTS
ENGL 2111, 2112 or 2113..........................3______
Area C Elective__________________3______
TOTAL HOURS.............................................6______

CORE AREA DII A.: SMT
*MATH 2261..............................................4______
LABORATORY SCIENCE
..........................................................4______
CARRYOVER TO AREA F ......................< 1 >______
TOTAL HOURS.............................................11______

CORE AREA E: SOCIAL SCIENCES
POL 1101..................................................3______
US HISTORY HIST 2111 or 2112........3______
Area E Elective____________________3______
Area E Elective____________________3______
TOTAL HOURS.............................................12______

CORE AREA F: (to total 18 hours): COURSES
APPROPRIATE TO THE MAJOR
*Calculus II (2262)....................................4______
*Principles of Chemistry I (1211)........3______
*Principles of Chemistry I Lab (1211L).....1______
*Principles of Chemistry II (1212)........3______
*Principles of Chemistry II Lab (1212L)....1______
Quantitative Analysis (2310)...................4______
*Physics I (2211K).................................4______
*Physics II (2212K).................................4______
Carryover from D.................................1______
*TOTAL .............................................. (must equal 18)

CHEMISTRY MAJOR
*Principles of Chemistry I (1211)........3______
*Principles of Chemistry I Lab (1211L)....1______
*Principles of Chemistry II (1212)........3______
*Principles of Chemistry II Lab (1212L)....1______
Sophomore Seminar (2210).......................1______
*Quantitative Analysis (2310)...................4______
*Organic Chemistry I (3401)...................4______
*Organic Chemistry II (3402)...................4______
*Inorganic Chemistry (3510)...................4______
*Biochemistry I (3601)............................3______
*Laboratory Techniques in Biochemistry (3601L) 2____
*Physical Chemistry I (3801)...................4______
*Physical Chemistry II (3802)...................4______
*Instrumental Analysis (4310)...................4______
*Upper Division Chemistry Electives (6 hours)
(No more than 4 hours should be CHEM 4910)
Recommended: Biochemistry II (3602)........3______
Senior Seminar (4210)............................1______
Upper Division hours to total at least 39; Total hours to equal 120.

*Upper Division
*Chemistry Majors must take MATH 1113 in Area A and MATH 2261 in Area D
*bUnless taken in Area D
*cHours in excess of 18 will count in the senior college curriculum
*dUnless taken in Area D or F

Upper Division Hours =
Upper Division Hours Outside Major (6 hrs)
(Must be a single subject; NOT CHEM)

Electives (to give 120 total hours; 39 upper division hrs)
Recommended Elective:
Ordinary Differential Equations (MATH 3340)…3______
Foreign Language (9 Hrs; 3 hrs may count in Area C) Foreign Language is
________  _________ 3-______
________  _________ 3-______
________  _________ 3-______
________  _________ 3-______

See reverse side for area options