

PROGRAM EVALUATION
UNIVERSITY OF WEST GEORGIA

Revised: 2015

DEGREE: B.S.in CHEMISTRY, Applied Chemistry (ACS Certified) U.S. & GA HISTORY:____ REGENTS TEST: ____

STUDENT:_____ GRE:____ VERBAL:____ QUANT:____ DATE:____

SS#:_____ MAJOR ADVISOR:_____

U.S. & GA CONSTITUTION:_____ REGISTRAR:_____ DATE:_____

B.S. with a Major in Chemistry, Concentration in Applied Chemistry (ACS certified)

Semester Courses	Semester Hours	Completed
Area A – Essential Skills	9 hours	
ENGL 1101 English Composition I	3	
ENGL 1102 English Composition II	3	
MATH 1113 or MATH 1634	4	
Area B – Institutional Priorities	4 hours	
<u>Choose one:</u>		
COMM 1110 Public Speaking	3	
PHIL 2110 Critical Thinking	3	
ENGL 2000 American Speech	3	
ENGL 2050 Self-Staging: Oral Communications in daily life	3	
XIDS 1004 Oral and Technological communication	4	
ART 2000 Oral communication and the visual arts	3	
<u>Choose one:</u> (if XIDS 1004 is not chosen above)		
CS 1000 Practical Computing	1	
XIDS 20001 What do you really know about...	1	
CS 1020 Computers and society	1	
LIBR 1101 Academic research and the library	2	
Area C – Humanities and Fine Arts	6 hours	
<u>Choose one:</u>		
XIDS 2100 Arts and Ideas	3	
ART 1201 Introduction to Art	3	
ART 2201 History of World Art I	3	
ART 2202 History of World Art II	3	
MUSC 1100 Music Appreciation	3	
MUSC 1120 Survey of Jazz, Rock, and Popular Music	3	
THEA 1100 Theatre Appreciation	3	
<u>Choose one:</u>		
XIDS 2100 (listed in both categories, but may be counted only once)		
COMM 1154	3	
ENGL 2110, 2120, 2130, 2160, 2180, 2190	3	
FORL 1001, 1002, 2001, 2002	3	
FORL 2200, 2300	3	
PHIL 2100, 2120, 2160	3	
Area D – Mathematics, Sciences & Quantitative Technology	11 hours	
PHYS 2211 + L	3+1	
PHYS 2212 + L	3+1	
MATH 1634 or 2644	4	
Area E - Social Sciences	12 hours	
POLS 1101	3	
HIST 1111 or 1112	3	
HIST 2111 or 2112	3	
<u>Choose one:</u>		
ANTH 1102	3	
ECON 2100, 2105, 2106	3	
GEOG 1013, 2503	3	
POLS 2201	3	
PYSC 1101	3	
SOCI 1101, 1160	3	
XIDS 2300, 2301	3	

Semester Courses	Semester Hours	Completed
Area F	18 hours	
CHEM 1211+L	3+1	
CHEM 1212+L	3+1	
MATH 2644	4	
CHEM 2411/2411L Organic Chemistry I/Lab	3+1	
MATH credit from Area A and D	2	
Concentration	50 hours	
CHEM 2130 Sophomore Seminar	1	
CHEM 3422/3422L Organic Chemistry II/Lab	3+1	
CHEM 3310K Analytical Chemistry	4	
CHEM 3521 Quantum Chemistry	3	
CHEM 3522 Chemical Thermodynamics	3	
CHEM 3550L Physical Chemistry Laboratory	2	
CHEM 4083* Faculty Directed Research	4	
CHEM 4084** Senior Seminar	1	
CHEM 4330K Instrumental Analysis	4	
CHEM 4611 Structure and Bonding	3	
CHEM 4612 Advanced Inorganic Chemistry	3	
CHEM 47XX Biochemistry or Physical Biochemistry	3	
CHEM 4913L Advanced Synthesis Laboratory	2	
CHEM Electives***	6	
Courses from Supporting Disciplines		
CS 1300 or CS 1301 or MATH 2654	4	
MATH 3303 or MATH 2853	3	
Electives	10 hours	
Total	120 hours	

General Restrictions: Students are allowed only one D in the courses used to satisfy the major.

Six (6) hours of 3000/4000 level DSW courses are required.

***A senior thesis paper and an oral presentation are required.*

****The following courses are not allowed as Chemistry Electives: CHEM 3130, 3140 and 4083.*