

CHEMISTRY: Bachelor of Science with a Major in Chemistry with Certification
in Secondary Education

Core Curriculum Areas A-E for science majors	42
Core Curriculum Area F	18
(Grade C or better in all these courses)	
CHEM 1211, 1212 Principles of Chemistry I, I	8
CHEM 2810 Quantitative Analysis	4
MATH 2011 Calculus I (other hours in D)	1
PHYS 1111 Introductory Physics I	4
PHYS 1112 Introductory Physics II	1
Lower Level Requirements of Chemistry Major	15
(Grade of C or better in all these courses)	
BIOL 1107 & 1108 (hours not taken in Area D)	0
PHYS 1112 (three hours from F)	3
CSCI 1200 (or higher)	3
EDUC 2110 Investigating Critical & Contemporary Issues in Higher Education	3
EDUC 2120 Exploring Socio-Cultural Perspectives On Diversity	3
EDUC 2130 Exploring Learning and Teaching	3
*EDUC & SPED courses should be taken before junior year	
Chemistry Concentration	33
(Grade of C or better in all these courses)	
CHEM 3411, 3412 Organic Chemistry I, II	8
CHEM 3721 Physical Chemistry I	4
CHEM 3810 Advanced Organic Chemistry	4
CHEM 3820 Laboratory Management and Safety	2
CHEM 4210 Advanced Inorganic Chemistry	4
CHEM 4551, 4552 Biochemistry I, II	7
CHEM 4840 Instrumental Analysis	4
Secondary Teacher Certification	25
(Grade of C or better is required in all these courses)	
SCED 4101 Secondary School Student: Implications for Curriculum, Instruction, Assessment & Management	3
SCED 4102 Secondary School Context & Curriculum Coherence & Classroom Management	3
SCED 4401 Science Pedagogy I	3
SPED 4002 Instructional Strategies for Teaching Students with Disabilities in General Education Settings	3
SCED 4901 Secondary Apprenticeship/Seminar	13
Certification Requirement: Successful completion of the Georgia Assess Online Technology Test or EDTD 3011	
Electives (to handle transfers within the University System)	0
Physical Education	5
Total Hours for the Degree	<u>138</u>
(beginning Fall 2007)	