

Chemistry Major with Secondary Education Concentration: 97-105 hours	
Course	Credit hours
Required Chemistry Courses	
CHE 113 General Chemistry I	4
CHE 114 General Chemistry II	4
CHE 211 Laboratory Safety	1
CHE 231 Organic Chemistry I	3
CHE 241 Organic Chemistry I Laboratory	2
CHE 232 Organic Chemistry II	3
CHE 242 Organic Chemistry II Laboratory	2
CHE 301 Biochemistry	4
CHE 321 Analytical Chemistry	4
CHE 330 Environmental Chemistry	4
CHE 375 Advanced Inorganic Chemistry	4
CHE 391 Investigative Chemistry	2
CHE 445 Physical Chemistry	4
TOTAL REQUIRED CHEMISTRY	41
Additional required coursework	
BIO 121 Biology	4
SCI 114 Science Ethics	3
SCI 110 Earth Science - recommended	4
SCI 321 Methods of Teaching Science	3
MAT 211 Calculus I	4
MAT 212 Calculus II - recommended	4
PHY 101 Fundamentals of Physics I or PHY 213 Physics I	4
PHY 102 Fundamentals of Physics II or PHY 214 Physics II	4
TOTAL	22-30
Professional Education Requirements	
EDU 101 Introduction to the Teacher Education Program	1
EDU 224 Foundations of Education	3
EDU 230 Human Development and Learning: Adolescent	3
EDU 232 Working with Exceptional and Diverse Learners	3
EDU 382 Technology and Teaching	3
EDU 342 Classroom Management: Middle & Secondary Schools	3
EDU 455 Literacy in the Content Area	3
EDU 480 Student Teaching	12
EDU 483 Seminar in Student Teaching	3
TOTAL	34
TOTAL CREDIT HOURS	97-105

