FOUR YEAR TEMPLATE
CHEMISTRY B.S.
[SECONDARY EDUCATION CERTIFICATION]

FIRST YEAR

First Semester
CHM 121 Chemical Bonding
CHM 123 Laboratory IA
MAT 211 Calculus I
HIS 105 Historical Foundation in Global Cultures
CHM 110 the Chemistry Experience

Second Semester
CHM 122 Chemical Dynamics
CHM 124 Laboratory IIA
MAT 212 Calculus II
HCS 100 Intro. To Human Communications
HIS 106 Thinking Historically in the Global Age

SECOND YEAR

First Semester
CHM 221 Modern Organic Chem I
CHM 223 Lab IIIA
PSY 101 General Psychology
PHY 205 Intermediate Physics I
PHY 123 Physics I Lab
Category B Course

Second Semester
CHM 222 Modern Organic Chem II
CHM 224 Lab IVA
PHY 206 Intermediate Physics II
PHY 125 Physics II Lab
EEC 273 Into. To Exceptionality
Category D Course

THIRD YEAR

First Semester
CHM 361 Physical Chemistry I
CHM 371 Analytical Chemistry
TCH 207 Org. & Psych Foundations of Sec. Ed.
Category B Course
Category E Course

Second Semester
CHM 362 Physical Chemistry II
CHM 381 Advanced Inorganic Chemistry
BIO 161 Prin. Of Bio.: Cell Structure & Function
Category B Course
Category D Course

FOURTH YEAR

First Semester
CHM 301 Biochemistry
EDU 440 Teaching Science in Sec. Schools
EDU 441 Curriculum and Evaluation in Secondary Science Classroom
EEC 423 Effective Instructional Strategies
RDG 413 Teaching Reading to Eng. Lang. Learners

Second Semester
EDU 495 Student Teaching & Professional Pract.