CHEMISTRY MAJOR WITH SECONDARY EDUCATION CERTIFICATION

Revised May 2000

CORE REQUIREMENTS

____CORE 100    ____CORE 110
____CORE 115
____CORE 130 OR 131   ____CORE 132
____CORE 140 OR 141-146
____CORE 150    ____CORE 151-155
____CORE 160    ____CORE 161-165

Informed Believing and Acting:

Philosophy
____CORE 280 AND one of the following courses which satisfies Part II:
____CORE 281,282,283,284,285,286,287,288,289

Theology
____Systematic Theology – CORE 250,251,252,253,254,255,259
____Moral Theology - CORE 260,261,263,264,269

MAJOR SEQUENCE REQUIREMENTS

Freshman
____General Chemistry I (Chem 113/L)    ____General Chemistry II (Chem 114/L)
____Calculus I (Math 125)
____General Biology I (Biol 111/L)     ____General Biology II (Biol 112/L)
____Computing Skills, Sciences (CS 101)

Sophomore
____Organic Chemistry I (Chem 241/L)   ____Organic Chemistry II (Chem 242/L)
____General Physics I (Physics 111/L) ____General Physics II (Phys 112/L)
____Introduction to Statistics and Data Analysis (Math 226)

Junior
____Analytical Chemistry (Chem 243/L) ____Instrumental Analysis (Chem 244/L)
____Physical Chemistry for Life Sciences (Chem 252)    ____The Literature of Chemistry (Chem 351)

Senior
____Senior Colloquium (Chem 493)

PLUS courses specified by Education Department

Professional Semester Requirements: (Second Semester/Senior Year)
____Methods and Design of Instructional Media (Educ 310)
____General and Special Methods of Teaching (Educ 367)
____Observation and Student Teaching (Educ 467)
____Student Teaching Seminar (Educ 468)