Nebraska Wesleyan University

Chemistry (B.A.)

Catalog

2011-2012

Departments

1. Chemistry

Chemistry Major (B.A., 31-32 hours)

Courses	
CHEM 051 Chemical Principles and CHEM 051L Chemical Principles Laboratory	4 hours
CHEM 120 Organic Chemistry I and CHEM 120L Organic Chemistry I Laboratory	4 hours
CHEM 121 Organic Chemistry II: Synthesis and Mechanisms and CHEM 121L Organic Chemistry II Laboratory	4 hours
CHEM 122 Analytical and Inorganic Chemistry and CHEM 122L Analytical and Inorganic Chemistry Laboratory	4 hours
CHEM 130 Organic Chemistry III: Intermediate Organic Chemistry	2 hours
CHEM 221 Physical Chemistry I, Thermodynamics and Kinetics and CHEM 221L Physical Chemistry Laboratory	4 hours
CHEM 242 Instrumental Methods of Analysis	4 hours
One upper-level (200-299) chemistry course	3 hours
CHEM 293 Chemistry Seminar	1 hours
Senior Comprehensive	
CHEM 295 Independent Study or CHEM 296 Special Projects	1-2 hours

An approved supporting program of 20 hours is required and may include one or more minors. PHYS 101 Principles of Physics I or PHYS 111 General Physics I and PHYS 102 Principles of Physics II or PHYS 112 General Physics II and MATH 105 Calculus I are required, and MATH 106 Calculus II is strongly recommended.