

Chemistry Emphasis

This disciplinary emphasis also requires:

- Completion of an interdisciplinary major or minor (<http://catalog.uwgb.edu/archive/2014-2015/undergraduate/planning/interdisciplinary-majors-minors>)

Supporting Courses

29

CHEM 211 & CHEM 213	Principles of Chemistry I and Principles of Chemistry I Laboratory
CHEM 212 & CHEM 214	Principles of Chemistry II and Principles of Chemistry II Laboratory
ENV SCI 207	Laboratory Safety
MATH 202	Calculus and Analytic Geometry I
MATH 203	Calculus and Analytic Geometry II
PHYSICS 201	Principles of Physics I
PHYSICS 202	Principles of Physics II

Upper-Level Courses

28

Core Courses

CHEM 302 & CHEM 304	Organic Chemistry I and Organic Chemistry Laboratory I
CHEM 303 & CHEM 305	Organic Chemistry II and Organic Chemistry Laboratory II
CHEM 311	Analytical Chemistry
CHEM 320 & CHEM 322	Thermodynamics and Kinetics and Thermodynamics and Kinetics Laboratory
CHEM 321 & CHEM 323	Structure of Matter and Structure of Matter Laboratory
CHEM 413	Instrumental Analysis

Electives (choose 4 credits):

CHEM 330	Biochemistry
CHEM 331	Biochemistry Laboratory
CHEM 402	Advanced Organic Chemistry
CHEM 403	Advanced Organic Chemistry Laboratory
CHEM 407	Molecular Biology
CHEM 408	Molecular Biology Laboratory
CHEM 410	Inorganic Chemistry
CHEM 411	Inorganic Chemistry Laboratory
CHEM 417	Nuclear Physics and Radiochemistry
CHEM 420	Polymer Chemistry

Total Credits

57