CHEMISTRY MAJOR

American Chemical Society Approved Concentration

This worksheet is a guide to supplement your degree audit in Degree Works. All students need a minimum of 30 FSU course-credits to graduate. For students who change majors or enter FSU with transfer credits, your degree audit may appear differently, as previous coursework could fulfill Domains and Free Electives. Please see your Advisor and/or The Advising Center with any questions.

DOMAIN GENERAL EDUCATION (11 Courses Required):

The FSU General Education program consists of 11 requirements. In the Chemistry major Domain II-B is partially satisfied through completion of the major (X). One (1) additional subdomain is met by a specific course in the major (see below), leaving ***nine (9) courses to be completed*** to satisfy the remaining General Education subdomains through courses taken outside the major department. Only courses designated (Gen. Ed. Domain) after the course title will meet General Education requirements. Please refer to the Undergraduate Catalog for full information.

Common Core

_____ A. ENWR 110 Composition II
_____ B. MATH/STAT XXX (credit-bearing): MATH 219*

Domain I

_____ A. Creative Arts: _____
_____ B. Humanities: _____
_____ C. Language: _____

Domain II

_____ A. Analysis, Modeling, Problem-Solving: _____
_____ B. Natural Sciences (2): Non-Lab Science: _____
__X__ Lab Science

Domain III

_____ A. Perspectives on the Past: _____
_____ B. Perspectives on Contemporary World: _____
_____ C. Global Competency, Ethical Reasoning, and/or Human Diversity: _____

X = Fulfilled through completion of major
* = Required course in the major

MAJOR COURSES (19 courses, 22.0-22.25 credits):

Required Core Courses (7 courses, 8.75 credits):

_____	BIOL 130/130L	Principles of Biology with Lab
	or BIOL 135/135L	Foundations of Biological Sci. with Lab
_____	CHEM 107/107L	Principles of Chemistry with Lab
_____	CHEM 108/108L	Principles of Chemistry & Quantitative Analysis with Lab
_____	CHEM 207/207L	Organic Chemistry I with Lab
_____	CHEM 208/208L	Organic Chemistry II with Lab
_____	CHEM 321/321L	Instrumental Analysis with Lab
_____	CHEM 401/401L	Inorganic Chemistry with Lab

American Chemical Society Approved Concentration (12 courses, 13.25-13.5 credits):

Required Courses:

_____	CHEM 301/301L	Biochemistry I with Lab
_____	CHEM 303/303L	Physical Chemistry I with Lab
_____	CHEM 304/304L	Physical Chemistry II with Lab
_____	CHEM 480	Chemical Research I
_____	CHEM 481	Chemical Research II
_____	MATH 219	Calculus I (CC-B) **
_____	MATH 220	Calculus II
_____	PHYS 211/211L	Principles of Physics I with Lab
_____	PHYS 212/212L	Principles of Physics II with Lab

*** Fulfills a General Education requirement.*

Choose one (1) Advanced Chemistry Course from:

_____	CHEM 218/218L	Quantitative Analytical Chemistry with Lab
_____	CHEM 332/322L	Biochemistry II with Lab
_____	CHEM 390	Special Topics in Chemistry

Choose two (2) Electives from:

Some courses below will fulfill the Gen. Ed. requirements as noted.

_____	COMM 215	Science Communication (III-B)
_____	CSCI 156	Python Programming for Applications
_____	ENGL 286	Professional Writing
_____	ENGL 311	Writing About Science
_____	ENGL 372	Technical Writing

Continued on next page

CHEMISTRY MAJOR

American Chemical Society Approved Concentration

Continued from previous page

_____	ENVS 202	Data Analysis for Scientists
	or STAT 157	Probability and Statistics (II-A)
	or STAT 203	Statistics for the Natural Sciences (II-A)
_____	MATH 206	Discrete Mathematics I
_____	MATH 221	Calculus III
_____	MATH 222	Differential Equations
_____	MATH 226	Linear Algebra and Applications

FREE ELECTIVES (0)

There are no free electives available in this major.