

# CHEMISTRY MAJOR

## General Chemistry Concentration

This worksheet is a guide to supplement your degree audit in Degree Works. All students need 32 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). Two (2) additional subdomains are met by specific courses in the major (see below), leaving ***eight (8) 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 catalog (p. 271) 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: CSCI 120\*  
 \_\_\_\_\_ 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

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### MAJOR COURSES (14 courses, 16.5-16.75 credits):

#### Required Core Courses (8 courses, 9.5 credits):

_____	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
_____	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.*

#### General Chemistry Concentration (6 courses, 7-7.25 credits):

_____	CHEM 303/303L	Physical Chemistry I with Lab
_____	CHEM 321/321L	Instrumental Analysis with Lab
_____	CHEM 401/401L	Inorganic Chemistry with Lab
_____	CSCI 120	Intro. to Information Technology (II-A) **

\*\* *Fulfills a General Education requirement.*

#### Choose two (2) Chemistry elective courses from:

_____	CHEM 301/301L	Biochemistry I with Lab
_____	CHEM 304/304L	Physical Chemistry II with Lab
_____	CHEM 390	Special Topics in Chemistry
_____	FDSC 405/405L	Food Analysis with Lab
_____	FDSC 408/408L	Food Chemistry with Lab

**NOTE: A minor is required with the General Chemistry concentration – use Free Electives to complete the minor.**

#### FREE ELECTIVES (1-8): Some MUST be used toward a minor

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____