

**College of Science**  
**Department of Chemistry**  
**CHEMISTRY MINOR CHECKSHEET**  
**For students graduating in calendar year 2012**

**I. Required Courses (19 hours)**

CHEM 1035<sup>1</sup>-1036<sup>2</sup> General Chemistry (3) \_\_\_\_\_ (3) \_\_\_\_\_

CHEM 1045<sup>3</sup>-1046<sup>4</sup> General Chemistry Labs (1) \_\_\_\_\_ (1) \_\_\_\_\_

CHEM 2535-2536 Organic Chemistry (3) \_\_\_\_\_ (3) \_\_\_\_\_

CHEM 2545-2546 Organic Chemistry Labs (1) \_\_\_\_\_ (1) \_\_\_\_\_

CHEM 4615 Physical Chemistry for Life Sciences<sup>5</sup> (3) \_\_\_\_\_

*(Additional prerequisites: MATH 2015, PHYS 2206)*

**II. Elective course (3 hours)**

(3) \_\_\_\_\_

Choose one course from this list:

BCHM 3114 Biochem for Biotech

or BCHM 4115 General Biochemistry

or CHEM 2114 Analytical Chemistry

or CHEM 2154 Analytical Chemistry for CHEM majors

or CHEM 2424 Descriptive Inorganic Chemistry

or CHEM 4514 Green Chemistry

or CHEM 4534 Organic Chemistry of Polymers

or CHEM 4554 Drug Chemistry

or CHEM 4616 Physical Chemistry for Life Sciences

*(Additional prerequisite: MATH 2016)*

or CHEM 4634 Polymer and Surface Chemistry

or CHEM/CSES/ENSC 4734 Environmental Soil Chemistry

*(Additional prerequisites: CSES 3114, CSES 3124, CHEM 2114 or instructor approval)*

or CHEM 4994 Undergraduate Research (3 credits)

*(Requires permission of faculty research advisor and undergraduate research eligibility requirements)*

**III. Total Credits Required**

A minimum of 22 credit hours in chemistry courses must be completed.

**IV. Minimum GPA**

The student's overall GPA for chemistry courses must be a 2.0 or higher.

**Notes:**

Acceptable substitutions are as follows:

---

<sup>1</sup> CHEM 1055 or CHEM 1055H may be substituted for CHEM 1035.

<sup>2</sup> CHEM 1056 or CHEM 1056H may be substituted for CHEM 1036.

<sup>3</sup> CHEM 1065 may be substituted for CHEM 1045.

<sup>4</sup> CHEM 1066 may be substituted for CHEM 1046.

<sup>5</sup> CHEM 3615 (Pre: CHEM 1036 OR 1056 OR 1056H; PHYS 2306; and MATH 1205, 1206 & 2224) may be substituted for CHEM 4615.