

**College of Science  
Department of Chemistry  
CHEMISTRY MINOR CHECKSHEET  
For students graduating in calendar year 2018**

**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/SBIO 4424 Polysaccharide 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/CSSES/ENSC 4734 Environmental Soil Chemistry  
*(Additional prerequisites: CSSES 3114, CSSES 3124, CHEM 2114 or instructor approval)*
- or CHEM 4994 Undergraduate Research (3 credits)  
*(Requires permission of faculty research advisor and undergraduate research eligibility requirements)*
- or SBIO 3444 Sustainable Biomaterials & Bioenergy

**III. Total Credits Required**

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

**IV. Minimum GPA**

All courses used to fulfill the minor will count toward the minor GPA, and the student's overall GPA for these courses must be a 2.0 or higher.

**Notes:**

Acceptable substitutions are as follows:

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- <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.