

**College of Science
Department of Chemistry
CHEMISTRY MINOR CHECKSHEET**
For student date of entry under UG catalog 2023-2024
The Minor in Chemistry requires completion of 22 credit hours

I. Required Courses (19 hours)

CHEM 1035 ¹ –1036 ^{2*} General Chemistry	(3) _____	(3) _____
CHEM 1045 ³ –1046 ^{4*} General Chemistry Laboratory	(1) _____	(1) _____
CHEM 2535*–2536* Organic Chemistry	(3) _____	(3) _____
CHEM 2545*–2546* Organic Chemistry Laboratory	(1) _____	(1) _____
CHEM 4615 ^{5*} <u>or</u> CHEM 4616 ^{5*} Physical Chemistry for the Life Sciences	(3) _____	

II. Elective course (3 hours)

(3) _____

Choose one course from this list:

- BCHM 3114* Biochemistry for Biotechnology and the Life Sciences
- or BCHM 4115* General Biochemistry
- 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
- or CHEM 4634* Polymer and Surface Chemistry
- or CHEM/CSSES/ENSC 4734* Environmental Soil Chemistry
- or CHEM 4994 Undergraduate Research (3 credits)
(Requires permission of faculty research advisor and undergraduate research eligibility requirements)
- or SBIO 3444* Sustainable Biomaterials & Bioenergy
- or FST 4504* Food Chemistry
- or GEOS 4634* Environmental Geochemistry
- or CHEM 4584* Bioorganic Chemistry

III. Total Credits Required

A minimum of 22 credit hours must be completed. No more than 16 credits earned toward the CHEM minor may be double-counted among a student's major or majors.

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:

Courses marked with an asterisk (*) have co-requisites and/or prerequisites. Students should check with their advisors or with the Undergraduate Course Catalog regarding co-requisites and prerequisites.

Acceptable substitutions are as follows:

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- ¹ CHEM 1055 or CHEM 1055H may be substituted for CHEM 1035.
 - ² CHEM 1056 or CHEM 1056H may be substituted for CHEM 1036.
 - ³ CHEM 1065 may be substituted for CHEM 1045.
 - ⁴ CHEM 1066 may be substituted for CHEM 1046.
 - ⁵ CHEM 3615 may be substituted for CHEM 4615.