College of Science  
Department of Chemistry  
CHEMISTRY MINOR CHECKSHEET  
For students graduating in calendar year 2022  
For student date of entry under UG catalog 2020-2021  
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\(^5\)–2536\(*\) Organic Chemistry \(3\) (3)
   CHEM 2545\(*\)–2546* Organic Chemistry Laboratory \(1\) (1)
   CHEM 4615\(^5\)* Physical Chemistry for the Life Sciences \(3\)

II. Elective course (3 hours)
    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/CSES/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

III. Total Credits Required
    A minimum of 22 credit hours 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:
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:

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.