CHEMISTRY (CHEM) MINOR

Code	Title	Credits
Required Minor Courses		
CHEM 1035	General Chemistry [1, 2]	3
CHEM 1036	General Chemistry [1, 2]	3
CHEM 1045	General Chemistry Laboratory [1, 2]	1
CHEM 1046	General Chemistry Laboratory [1, 2]	1
CHEM 2535	Organic Chemistry [2]	3
CHEM 2536	Organic Chemistry [2]	3
CHEM 2545	Organic Chemistry Laboratory [2]	1
CHEM 2546	Organic Chemistry Laboratory [2]	1
CHEM 4615	Physical Chemistry for the Life Sciences [1, 2]	3
or CHEM 4616	Physical Chemistry for the Life Sciences	
Subtotal		19
Elective Courses		
Select one of the following:		3
BCHM 3114	Biochemistry for Biotechnology and the Life Sciences [2]	
BCHM 4115	General Biochemistry [2]	
CHEM/SBIO 4424	Polysaccharide Chemistry [2]	
CHEM 4514	Green Chemistry [2]	
CHEM 4534	Organic Chemistry of Polymers [2]	
CHEM 4554	Drug Chemistry [2]	
CHEM 4616	Physical Chemistry for the Life Sciences [2]	
CHEM 4634	Polymer and Surface Chemistry [2]	
CHEM/ENSC 4734	Environmental Soil Chemistry [2]	
CHEM 4994	Undergraduate Research (3 credits must be completed. Requires permission of faculty research advisor and undergraduate research eligibility requirements)	
SBIO 3444	Sustainable Biomaterials and Bioenergy [2]	
FST 4504	Food Chemistry [2]	
GEOS 4634	Environmental Geochemistry [2]	
CHEM 4584	Bioorganic Chemistry [2]	
Subtotal		3
Total Credits		**22**

[1] Acceptable course substitutions are as follows:
CHEM 1055 may be substituted for CHEM 1035
CHEM 1056 may be substituted for CHEM 1036
CHEM 1065 may be substituted for CHEM 1045
CHEM 1066 may be substituted for CHEM 1046
CHEM 3615 or CHE 2164may be substituted for CHEM 4615.

[2] Course has prerequisites. Please check the course catalog for details.

Graduation Requirements

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(s) or minor(s). The overall GPA for the courses within the CHEM minor must be 2.0 or higher. All courses used to fulfill the minor will count toward the Minor GPA.