

# CHEMISTRY MINORS

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**Web Site:** <https://twu.edu/chemistry-biochemistry/undergraduate-programs/chemistry-minor/>

## Chemistry

A minor in Chemistry requires a minimum of 19 semester credit hours, six of which must be advanced (3000 or 4000 level). In addition to the courses listed, an additional 3-4 credit hours must be taken from the options listed within the table below.

Code	Title	SCHs
CHEM 1113 & CHEM 1111	General Chemistry I and General Chemistry Laboratory I	4
CHEM 1123 & CHEM 1121	General Chemistry II and General Chemistry Laboratory II	4
CHEM 2213 & CHEM 2211	Organic Chemistry I and Organic Chemistry Laboratory I	4
CHEM 3223 & CHEM 3221	Organic Chemistry II and Organic Chemistry Laboratory II	4
Take one of the following		3-4
CHEM 3313	Physical Chemistry for the Life Sciences	
CHEM 3333 & CHEM 3331	Quantitative Chemical Analysis and Quantitative Chemical Analysis Laboratory	
CHEM 3413 & CHEM 3411	Physical Chemistry I and Physical Chemistry Laboratory I	
CHEM 3633 & CHEM 3632	Biochemistry I and Biochemistry I Laboratory	
CHEM 3713 & CHEM 3711	Environmental Chemistry I and Environmental Chemistry Laboratory I	
Total SCHs		19-20

## General Science

The minor in General Science requires 18 semester credit hours, six of which must be advanced. These must be divided among three of the following: biology, chemistry, physics, and science courses. If the major is biology or chemistry, the hours must be divided between two of the remaining three.