

## The Academic Minor

Many departments have designed academic minors for the convenience of undergraduate students.

A minor is a structured group of courses that leads to considerable knowledge and understanding of a subject, although with less depth than a major. Some employers consider minors desirable, and the corresponding major requirements at the University may stipulate a minor. Some students choose to complement their major program with a minor in a related field or even in an entirely different field of interest. Students interested in pursuing an academic minor should contact their college dean's office and the department responsible for the minor program for guidance and advising.

**Please note that undergraduate students can only complete a minor *in addition to and as a complement to a major*. The University does not award stand-alone minors.**

## Minor in Chemistry

	Hours
MA 113 Calculus I	
<b>or</b>	
MA 132 Calculus for the Life Sciences .....	3-4
MA 114 Calculus II .....	4
PHY 211/213 General Physics .....	10
<b>or</b>	
PHY 231/241 General University Physics and Laboratory	
<b>and</b>	
PHY 232/242 General University Physics and Laboratory .....	10
CHE 105/107 General College Chemistry I and II .....	7
CHE 111/113 General Chemistry I and II Laboratory .....	3
CHE 226 Analytical Chemistry .....	3
CHE 230/231 Organic Chemistry I and Laboratory I .....	4
CHE 232/233 Organic Chemistry II and Laboratory II .....	4
CHE 440G Introductory Physical Chemistry	
<b>or</b>	
CHE 446G Physical Chemistry for Engineers .....	3