

## 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 Physics

|                                                         |   |
|---------------------------------------------------------|---|
| PHY 231 General University Physics                      |   |
| and                                                     |   |
| PHY 241 General University Physics Laboratory           |   |
| OR                                                      |   |
| PHY 211 General Physics .....                           | 5 |
| PHY 232 General University Physics                      |   |
| and                                                     |   |
| PHY 242 General University Physics Laboratory           |   |
| OR                                                      |   |
| PHY 213 General Physics .....                           | 5 |
| MA 113 Calculus I                                       |   |
| or                                                      |   |
| MA 137 Calculus I With Life Science Applications .....  | 4 |
| MA 114 Calculus II                                      |   |
| or                                                      |   |
| MA 138 Calculus II With Life Science Applications ..... | 4 |
| PHY 228 Optics, Relativity and Thermal Physics .....    | 3 |
| MA 213 Calculus III .....                               | 4 |
| PHY 361 Principles of Modern Physics .....              | 3 |