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 Technical Systems Management

The minor in Technical Systems Management requires 15 hours as follows:

**Required**

- TSM 101 Introduction to Technical Systems Management ........................................ 1
- TSM 252 Fabrication and Construction for Technical Systems ............................. 3

plus 11 or more hours from the following:

- TSM 203 Basic Principles of Surveying ................................................................. 3
- TSM 220 Principles of Internal Combustion Engines ........................................... 3
- TSM 340 Principles of Food Engineering ............................................................ 4
- TSM 341 Brewing Science and Technology .......................................................... 3
- TSM 370 Fundamentals of Occupational Safety and Health ................................. 3
- TSM 461G Biometeorology .................................................................................. 3