

B.S. in Engineering

[Overview](#)[Degree Requirements](#)

Description

The B.S. in engineering provides the student with a fundamental knowledge of engineering science and prepares graduates for a variety of careers in industry and government, or for advanced study in engineering, business, or professional school.

Minimum Total Credit Hours: 127

General Education Requirements

- Writ 101 and 102
- 3 hours of fine arts
- 3 hours of humanities
- 3 hours of fine arts or humanities
- 3 hours of social science
- 3 additional hours of humanities, social science, or a general education course as defined by the School of Engineering
- Econ 310
- Math 261, 262, 263, 264, and 353
- Chem 105, 106, 115, 116
- Phys 211, 212, 221, 222

Course Requirements

- Engr 100 or Engr 102,
- Engr 309, 310, 313, 314, 321, 323, 330, 360, 361, 400, and Engr 450
- Manf 460
- 12 hours of engineering electives
 - 3 hours of which must be above the 200 level and
 - 9 hours of which must be above the 300 level

Specializations

- [Emphasis - Aerospace Studies](#)
- [Emphasis - Business Administration](#)
- [Emphasis - Manufacturing](#)
- [Emphasis - Military Science](#)
- [Emphasis - Naval Science](#)
- [Emphasis - Pre-Med Studies](#)
- [Standard Option](#)

