Emphasis - Pre-Med Studies

B.S. in Engineering

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, 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

Emphasis - Pre-Med Studies

Description
An emphasis in pre-med studies is intended to prepare students for further study in medical school.

Course Requirements
For an emphasis in pre-med studies, students must complete the following 24 hours:
- Bisc 160 (3)
- Bisc 161 (1)
- Bisc 162 (3)
- Bisc 163 (1)
- Chem 221 (3)
- Chem 225 (1)
- Chem 222 (3)
- Chem 226 (1)
- 8 hours of 300+ level Chem, Bisc, or Psy.

Additionally, students must take Psy 201 (3), which may count as a social science elective.