School of Engineering

Overview
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Degrees Offered
The programs of study offered by the School of Engineering are chemical engineering, civil engineering, computer & information science, electrical engineering, geology & geological engineering, and mechanical engineering.

The four-year Bachelor of Science curricula in these fields are designed to prepare students for the practice of the profession of engineering.

The four-year Bachelor of Engineering curricula are extremely broad and are designed to provide students the opportunity to gain an understanding of engineering, scientific, and technical knowledge that will enhance their career objectives in such areas as, for example, engineering science, medicine, law, military, management, and sales.

The School of Engineering offers through its graduate program the Master of Science and Doctor of Philosophy degrees in engineering science.

College of Liberal Arts

Computer & Information Science
- B.A. in Computer Science

School of Engineering
- B.E. in Engineering
  - Emphasis - Accelerated Law (3+3)
  - Emphasis - Aerospace Studies
  - Emphasis - Business Administration
  - Emphasis - Manufacturing
  - Emphasis - Military Science
  - Emphasis - Naval Science
  - Emphasis - Pre-Med Studies
  - Standard Option
- B.S. in Engineering
  - Emphasis - Aerospace Studies
  - Emphasis - Business Administration
  - Emphasis - Manufacturing
  - Emphasis - Military Science
  - Emphasis - Naval Science
  - Emphasis - Pre-Med Studies
  - Standard Option

Biomedical Engineering
- B.S.B.E. in Biomedical Engineering
  - Emphasis - Bioinformatics
  - Emphasis - Biomedical
  - Emphasis - Biomolecular

Chemical Engineering
- B.S.Ch.E. in Chemical Engineering
  - Emphasis - Biotechnology
  - Emphasis - Environmental
  - Emphasis - Manufacturing
  - Emphasis - Materials
  - Pre-Med Option
  - Standard Option
- M.S. in Engineering Science
Emphasis - Chemical Engineering
Ph.D. in Engineering Science
  Emphasis - Chemical Engineering

Civil Engineering
B.S.C.E. in Civil Engineering
M.S. in Engineering Science
  Emphasis - Civil Engineering
  Emphasis - Environmental Engineering
Ph.D. in Engineering Science
  Emphasis - Civil Engineering
  Emphasis - Environmental Engineering

Computer & Information Science
B.S.C.S. in Computer Science
  Emphasis - Computer Security
  Emphasis - Data Science
M.S. in Engineering Science
  Emphasis - Computer Science
Ph.D. in Engineering Science
  Emphasis - Computer Science

Electrical and Computer Engineering
B.S.Cp.E. in Computer Engineering
  Emphasis - Manufacturing
  Standard Option
B.S.E.E. in Electrical Engineering
  Emphasis - General Program
  Emphasis - Manufacturing
M.S. in Engineering Science
  Emphasis - EE (Electromagnetics)
  Emphasis - Electrical Engineering
  Emphasis - Telecommunications
Ph.D. in Engineering Science
  Emphasis - EE (Electromagnetics)
  Emphasis - Electrical Engineering

Geology & Geological Engineering
B.S.G. in Geology
B.S.G.E. in Geological Engineering
M.S. in Engineering Science
  Emphasis - Geological Engineering
  Emphasis - Geology
  Emphasis - Hydrology
Ph.D. in Engineering Science
  Emphasis - Geological Engineering
  Emphasis - Geology
  Emphasis - Hydrology

Mechanical Engineering
B.S.M.E. in Mechanical Engineering
  Emphasis - Manufacturing
M.S. in Engineering Science
  Emphasis - Aeroacoustics
  Emphasis - Computational Hydrosience
  Emphasis - Materials Science and Engr.
  Emphasis - Mechanical Engineering
Ph.D. in Engineering Science
  Emphasis - Aeroacoustics
  Emphasis - Computational Hydrosience
  Emphasis - Materials Science and Engr.
Emphasis - Mechanical Engineering