School of Engineering

Overview
Academics & Admissions
Departments
Programs
Minors
Courses
Faculty
Awards

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. 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 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