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.B.E. in Biomedical Engineering
  » Emphasis - Biodevices
  » Emphasis - Bioinformatics
  » Emphasis - Biomolecular
  » Emphasis - Pre Med

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 - Computer Engineering
    > Emphasis - EE (Electromagnetics)
    > Emphasis - Electrical Engineering
    > Emphasis - Telecommunications
  Ph.D. in Engineering Science
    > Emphasis - Computer Engineering
    > 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 Hydroscience
 › Emphasis - Materials Science and Engr.
 › Emphasis - Mechanical Engineering