

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

- [Adv Certificate in Geographic Info Sys](#)
- [B.E. in Engineering](#)
 - [Emphasis - Aerospace Studies](#)
 - [Emphasis - Business Administration](#)
 - [Emphasis - Manufacturing](#)
 - [Emphasis - Military Science](#)
 - [Emphasis - Naval Science](#)
 - [Emphasis - Pre-Law](#)
 - [Emphasis - Pre-Med Studies](#)
 - [Emphasis - Secondary Chemistry Education](#)
 - [Emphasis - Secondary Mathematics Educ](#)
 - [Emphasis - Secondary Physics Education](#)
- [Certificate in Geographic Info Systems](#)

CHEMICAL ENGINEERING

- [B.S.Ch.E. in Chemical Engineering](#)
 - [Emphasis - Biomedical 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](#)
- [M.S. in Engineering Science](#)
 - [Emphasis - Computer Science](#)
- [Ph.D. in Engineering Science](#)
 - [Emphasis - Computer Science](#)

ELECTRICAL ENGINEERING

- [B.S.E.E. in Electrical Engineering](#)
 - [Emphasis - Biomedical Engineering](#)
 - [Emphasis - Computer Engineering](#)
 - [Emphasis - General Program](#)
- [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. in Geology](#)
- [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 Hydroscience](#)
 - [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](#)

