

Department of Chemical & Biomolecular Engineering

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The department of Chemical and Biomolecular engineering deals with a new engineering discipline that is based on the combination of life science and nanochemical principles with chemical engineering. The main concern of chemical and biomolecular engineering is to design products and processes that are related to biotechnology and information processing technology.

Undergraduate Program

The department offers a four-years undergraduate program leading to the degree of Bachelor of Science. The undergraduate program thus designed to provide an intensive exposure of its students to a wide spectrum of intellectual pursuits. For the first two or three semesters, students are encourage to take classed in general education, including basic science classes. Then, students may decide on their major by taking basic and elective courses in specific field, according to their individual interest and ability. Nevertheless, the KAIST undergraduate program in highly flexible, allowing students to take graduate courses and to complete their course work according to their abilities, and giving them the chance of early graduation.

Graduate Program

The department offers courses leading to the degree of Master of Science and the degree of Doctor of Philosophy. Thesis writing under the supervision of advisor is required to receive the degrees.