

□ 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 classes 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 is 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 aspires to developing a world-best research program. Prerequisite to achieving the goal is a strong graduate program. The Department houses remarkable research facilities and availability, with which we provide graduate students with the opportunity to develop advanced competence in a wide spectrum of fields ranging from traditional chemical engineering to evolving areas of study. Each graduate student in the Department is expected to acquire the tools to develop and transmit new knowledge in a focused area of chemical and biomolecular engineering. The focused research areas include biotechnology, nanomaterials, catalysis, soft materials, and energy/environment/systems.

The Department offers several programs designed to confer academic degrees on graduate students. The students who meet the respective degree requirements will receive the Master of Science (M.S.) or Doctor of Philosophy (Ph.D.) degrees. In both cases, they are asked to undergo formal coursework and mentoring. Course requirements vary between M.S. and Ph.D. programs; therefore, the students are advised to consult with degree requirements. All graduate students will select thesis advisor from the Chemical and Biomolecular Engineering faculty and must submit dissertation, in order to receive the degree.