

Graduate School of Medical Science and Engineering

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Introduction

The Graduate School of Medical Science and Engineering (GSMSE) is a Ph.D. or Masters-Ph.D. joint program, which is open exclusively for students who have graduated from Medical School, Dental School or the School of Oriental Medical Science with a B.S. or M.S. degree.

Two subprograms, Basic Biomedical Science and Biomedical Engineering, will be available for the students in this program.

Upon completion of the Basic Biomedical Program, students will be able to cure various diseases with a scientifically-oriented mind on a molecular level. The program will lead students toward the development of new clinical techniques and the discovery of novel diseases. Graduates of the Bioengineering program will be able to develop medical instruments and devices. This program will enable students to develop new diagnosis and curing techniques upon completion. In addition to the full-time faculty of the GSMSE, joint professors from various KAIST departments, such as the Dept. of Biological Sciences, Dept. of BioSystems, Dept. of Physics, Dept. of Chemistry, Dept. of Mechanical Engineering, Dept. of Chemical & Biomolecular Engineering, Dept. of Nuclear & Quantum Engineering, Dept. of Materials Science & Engineering, Dept. of Electrical Engineering & Computer Science, as well as professors of other selected universities will be working together to produce synergistic effects from GSMSE.