

BME Curriculum

Lower Years	Engineering Foundation	Free Electives*, General Education & Languages
	Biology / Chemistry / Physics, Engineering Design, Engineering Mathematics, Programming	Biomedical Sciences
	BME Fundamentals	Business Administration
	Anatomy and Physiology, Biomechanics, Cell and Molecular Biology, Circuits and Signals, Engineering Mathematics	Accounting Law
Upper Years	Advanced Major Courses	Science
	Biomaterials and Tissue Engineering Medical Instrumentation and Design, Global Medical Device Regulations	Arts Social Science
	One-year Work Study Program (optional)	Physical Education
	Electives for BME Streams	English
	Graduation Project BME Electives	Technical Communications

* Units for free electives can be used to fulfill the minor requirement.



Streams

Medical Instrumentation & Biosensors

TeleMedicine & Mobile Healthcare Biofluids Neuroengineering
 Medical Robotics BioMEMS Bionanotechnology
- Recommended to minor in Electronic Engineering, Mechanical & Automation Engineering, OR Physics

Biomedical Imaging, Informatics & Modeling

Bioinformatics Biomedical Imaging Biomedical Modeling
 Medical Imaging Applications Sound and Light Waves in Medicine
- Recommended to minor in Computer Science, OR Electronic Engineering

Molecular, Cell & Tissue Engineering

Cell Biology Genetic Engineering Bionanotechnology
 Musculoskeletal Tissue Engineering
 Biomolecular Engineering BioMEMS
- Recommended to minor in Biology, OR Biochemistry

BME + Business Administration Double-Degree Programme

The double degree option is designed to provide students with maximum flexibility to acquire a second degree by an additional year of study after their first degree. Biomedical engineering students can pursue a second bachelor's degree in the Faculty of Business Administration within a 5-year normative period of study if they fulfill certain requirements. For further information, please refer to the Faculty website at <http://www.erg.cuhk.edu.hk/erg/ergbba>.

BME Minor Programme

The BME minor programme is a good option for students with a science background to apply engineering tools on medical science and biology. For details, see the curriculum information in our website: <http://www.bme.cuhk.edu.hk>.