

Bachelor of Engineering in Genetic Engineering

Graduate Entry for Graduate Diploma in Biomedical Engineering

- Biochemistry
- Cell Biology
- Enzyme Technology
- Genetics and Cytogenetics
- Immunology
- Microbiology
- Basic Molecular Techniques
- Molecular Biology
- Stoichiometry and Engineering Thermodynamics
- Bioprocess Principles
- Biostatistics
- Functional Genomics and Microarray Technology
- Momentum Transfer
- Bioprocess Engineering
- Biophysics
- Plant Tissue Culture and Transgenic Technology
- Recombinant DNA Technology
- Bioinformatics
- Chemical Reaction Engineering
- Gene Therapy
- Biosensors and Biochips
- Gene Cloning & DNA Sequencing Laboratory

- Bio-separation Technology
- Animal Cell Culture and Transgenic Technology
- Nano biotechnology in Healthcare
- Stem Cell Biology

Electives

- Human Genetics
- Protein Engineering
- Industrial Microbiology
- Industrial management
- Bioreactor Design
- Biomedical Engineering
- Genes and Diseases
- Bio-confinement of Genetically Modified Organisms
- Food Safety & Genetically Modified Food
- Pharmaco informatics
- Molecular Medicine