



Program is provisionally accredited by
Board of Engineer Malaysia



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BACHELOR OF BIOPROCESS ENGINEERING TECHNOLOGY WITH HONOURS SCHOOL OF INDUSTRIAL TECHNOLOGY (US6524006)

CLINICAL
DEVELOPMENT

REGULATORY
AFFAIRS

QUALITY
ASSURANCE

PROCESS
DEVELOPMENT

PROCESS
DESIGN

MANUFACTURING

QUALITY
CONTROL

DISCOVERY
RESEARCH



Every Cell Counts

OUR PROGRAMME

Bioprocess Engineering Technology is the sub-discipline within Biotechnology that combines living matter, in the form of organisms or enzymes, with nutrients under specific optimal conditions to make the desired product. The discipline is responsible for translating discoveries of life sciences into practical and industrial products, processes and techniques that can serve the needs of the society.

MULTI-DISCIPLINARY

Bioprocess Engineering Technology covers several fields:

- Fermentation Technology
- Enzymology/ Enzyme Technology/ Biocatalyst
- Waste Treatment Through Bioprocess Technology
- Pharmaceutical Bioprocess Technology
- Biochemistry/ Metabolite Technology
- Process Control/ Automation
- Food/ Nutraceutical Bioprocess Technology
- Bioprocess Engineering Technology (inter-discipline)



ENTRY REQUIREMENTS

- CGPA of at least 2.75
- Sijil Pelajaran Tinggi Malaysia (STPM)
- Matrikulasi Kementerian Pengajian Malaysia (KPM)
- Asasi Sains, Asasi UiTM (Universiti Teknologi MARA)
- Diploma in a related field
- A-Level, IB, AUSMAT, SAM or equivalent

Scan QR code for further information



<https://bit.ly/2RCd3s4>

BIOPROCESS ENGINEERING TECHNOLOGY COURSES

1st YEAR



Fundamental of Bioprocess Engineering Technology

2nd YEAR



Various applications of Bioprocess Engineering Technology

3rd YEAR



Advanced Bioprocess Engineering Technology

4th YEAR



Final Year Project & Industrial Training



GRADUATE EMPLOYABILITY

94.5%*

*Based on data from Graduate Tracer Study, MOHE (as of February 2022)

GRADUATION

Postgraduate Studies
(M.Sc, Ph.D)

Board of Engineers Malaysia
(BEM); Graduate Engineering Technologist

Career in private and government sectors



THIS PROGRAMME IS SUITABLE FOR YOU IF YOU ARE

- Determined in exploring the world of bioprocess engineering technology.
- Seeking the natural processes in bioproduct development that is high in demand.
- Enthusiastic in exploring the inter-disciplinary approach in solving biotechnology issues.



FUTURE CAREER

Graduates in Bioprocess Engineering Technology are needed in various industries involved with research, development, innovation and manufacture of bioproducts including vaccines, enzymes, antibiotics, food, agricultural products and pharmaceutical supplements.

- Bioprocess Engineer Technologist
- Scientist
- Data Associate
- Process Manufacturing Associate
- Health and Safety Manager
- Maintenance Manager
- Process Developer
- Quality control (microbiologist, biochemist, cell biologist)

FACILITIES



TECHNOLOGIST CAMPUS LIFE

