LINCOLN UNIVERSITY COLLEGE
DKU016 (B)

2022 SETARA COMPETITIVE UNIVERSITY COLLEGE

ISO 9001:2015 Certified

Bachelor of Biotechnology (Honours)

(R2/0512/6/0011) (11/30) (MQA/FA 3440)

PROGRAMME DESCRIPTION

This programme is the combination of two faculties: Health Sciences as well as Science and Engineering to produce products and services of value to society. Biotechnology is applied in processes ranging from cheese production, brewing, and wastewater management, through to drug design and gene therapy. It provides excellent knowledge of modern biotechnology, including molecular biology, and gain experience in research methods, data analysis, instrumentation and information technology and microbiology. This course trains students to work as a professional in one of the most exciting areas of modern science in combination of theoretical and specialized practical scientific training with the study of related business, legal, ethical and social issues.

PROGRAMME AIM

The aim of this course specifically equips students with the knowledge, skills, competencies and awareness in preparation for employment in industry and research organizations. Professionals are able to work in an innovative research programmes in a wide range of areas like medical, industrial, bioinformatics, environmental, food and agricultural biotechnology.



PROGRAMME DURATION

Minimum Duration : 36 Months.
Maximum Duration : 60 Months.

INTAKE AND ENTRY REQUIREMENTS

March, July, November

- Passed Sijil Tinggi Persekolahan Malaysia (STPM) or equivalent with at least Grade C (CGPA 2.0) in 2 subjects; or
- Passed Diploma (Level 4 MOH) in related fields; or
- Pass Foundation, Matriculation, Pre-University Program in flow-related or equivalent.

LIST OF COURSE/MODULE OFFERED IN THE PROGRAMME

	COURSE NAME	CREDIT HOURS
Year1 Semester 1	Cell biology	3
	Biochemistry	3
	Organic Mechanisms in Biology	3
	Basic Microbiology	3
	Malaysian Studies	3
	English	3
Year1 Semester 2	Chemistry	3
	Biophysics	3
	Molecular Biology	3
	Genetics	3
	Bahasa Kebangsan	3
	Islamic / Moral Studies	3

	COURSE NAME	CREDIT HOURS
Year1 Semester 3	Introduction to Computer	3
	Bio-informatics	3
	Instrumentation	3
Year2 Semester 4	Recombinant DNA Technology	3
	Biosafety, bioregulation & bioethics in Biotechnology	3
	Human Genetics	3
	Basic Cytology	3
	Biostatistics	3
Year2 Semester 5	Plant Cell and Tissue Culture Techniques	3
	Biotechnology – Social, Legal & Ethical issues	3
	Biodiversity & Taxonomy	3
	Advanced Microbiology	3
	Basic Immunology	3

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