



Bachelor of Biomedical Sciences (Honours) (N/72016/0068)



PROGRAMME DESCRIPTION

The Bachelor of Biomedical Sciences (Honours) program of Lincoln University College allows the students to focus on the human body at the molecular, cellular and whole body levels. They will also acquire knowledge about the disciplines of biochemistry and cell biology, physiology, developmental biology, microbiology, pharmacology and neuroscience as well as advanced study in research. This course can be a gateway to working in many fields like education, research, sales, medical practice, hospital and institutional work. Biomedical sciences are the foundation of knowledge for all health care professionals.

PROGRAMME AIM

The program aims to create graduates with the essential and advanced knowledge in current concepts of life sciences, physical sciences, and interdisciplinary studies. The objective of the course is to prepare the students in analytical skills and laboratory techniques routinely applied in biomedical research and other essential related skills. The students gain a comprehensive understanding in their field, focusing on ideas, theories and professional practices. The purpose is to apply the knowledge to help the society to develop in a positive way.

PROGRAMME DURATION Minimum Duration : **48 Months.** | Maximum Duration : **72 Months.**

INTAKE AND ENTRY REQUIREMENTS

1. January. 2. May. 3. September.

- ▶ Passed Higher School Certificate Malaysia (STPM) / Matriculation / A-Level / Pre University or other equivalent qualifications with a minimum CGPA of 2.50 the following subjects: Biology / Physics Chemistry; AND Graduate Certificate of Education Malaysia (SPM) O-Level with a five (5) credits, three (3) credits in the following subjects: Biology, Physics, Mathematics, Chemistry, English language; or

- ▶ Graduate Diploma (Level 4, the Malaysian Qualifications Framework (MOF)) in a related field of any Higher Education Provider with minimum CGPA of 2.75; or
- ▶ Diploma (Level 4 (MOH)) in a related field of any Higher Education Provider with CGPA less than 2.75 and have work experience of at least three (3) years (36 months) in the relevant field.
- ▶ Competence in English for students international : Getting a score of 6.0 for IELTS or TOEFL minimum score of 550

LIST OF COURSE/MODULE OFFERED IN THE PROGRAMME

Year 1- Semester 1	COURSE NAME	CREDIT HOURS
	Human Anatomy & Physiology I	3
	Cell Biochemistry and Genetics	3
	Psychology & Behavioural Sciences	3
	Laboratory Science & Instrumentation	3
	Islamic Civilization and Asian Civilization (TITAS)	3
	Malay Communication	3
	English	3
Year 1- Semester 2		
	Human Anatomy & Physiology II	3
	Human Biochemistry	3
	Epidemiology	3
	Basic Health Informatics	3
	Ethnic Relations	3
	Malaysian Studies	3
	Leadership Skills and Human Relations	2

Year 2- Semester 3	COURSE NAME	CREDIT HOURS
	Basic Immunology	3
	Molecular Biology Techniques	3
	Basic Microbiology	3
	Basic Hematology	3
	Health and the Community	3
	Human Genetics	3
Year 2- Semester 4		
	Advanced Immunology	3
	Biostatistics	3
	Basic Cytology	3
	Basic Pathology	3
	Advanced Microbiology	3
	Personal & Professional Development	3

Semester continued to next page..

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Year 3 - Semester 5	COURSE NAME	CREDIT HOURS
	Research Methodolog	3
	Advanced Pathology & Cytology	3
	Transfusion Science & Blood Banking	3
	Health Economics	3
	Principles of Lab. Animal Sciences	3
	Clinical Biochemistry	3

Year 3 - Semester 6	COURSE NAME	CREDIT HOURS
	Medical Microbiology	3
	Medical Entomology & Parasitology	3
	Government and Public Policy Malaysia	2
	Community Service	2
	Biomedical Practicum	8

Year 4 - Semester 7	COURSE NAME	CREDIT HOURS
	Principles of Health Management	3
	Toxicology	3
	Research Project	4
	Entomology	3
	Basic Chemistry	3
	Communication & Self Development	3
	Public Health	3
	Advanced Pharmacology	3

Elective (Choose any two modules from the following)

Year 4 - Semester 8	COURSE NAME	CREDIT HOURS
	Advanced Health Informatics	3
	Laboratory Management	3
	Special Topics in Biomedical Sciences	2
	Advanced Hematology	2
	Research Project	4

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