LINCOLN UNIVERSITY COLLEGE
DKU016 (B)

2022 SETARA COMPETITIVE UNIVERSITY COLLEGE

ISO 9001:2015 Certified

Bachelor of Computer Science (Honours) (Artificial Intelligence)

(N/0613/6/0005) (08/27) (MQA/PA15773)

PROGRAMME DESCRIPTION

The Bachelor of Computer Science (Honours) (Artificial Intelligence) programme offers courses which provides knowledge in development and use of advanced AI technology to address real-world issues relying on human intelligence. Additionally, the degree provides the basis for continuing professional development, preparing graduates for additional analysis, professional career in a field related to AI and computing, or even other fields where the scope of acquired skills and knowledge that are required or desired.

*Menunggu kelulusan akhir daripada JPT

PROGRAMME AIM

The programme Bachelor of Computer Science (Honours) (Artificial Intelligence) will produce professionals who can be able to:

- Produce knowledgeable and be technically competent in the field of Computer Science in line with Artificial Intelligence industry requirement locally and globally
- Perform well as a team player, demonstrate good leadership qualities in an organization, and be effective in communication.
- Solve problems related to the field of Computer Science creatively, innovatively, ethically, using numerical and technical skills, and through sustainable approach to solve Artificial Intelligence related problems.
- Demonstrate entrepreneurship skills and recognize the need of lifelong learning, as well using a broad range of information, media, and technology applications for successful career advancement.

CAREER OPORTUNITIES

Career prospects in artificial intelligence have increased recently because of rising industry demand. It makes sense that there will be a lot of jobs created by AI. Compared to other careers now available, an AI career appears to be the most promising. These are some of the occupations that this qualification can lead to:

- Data Scientist
- Intelligent Software Developer
- AI Consultant
- Knowledge Engineer
- Machine Learning Engineer
- Computer Vision Engineer
- Big Data Architect

PROGRAMME DURATION

Full Time: 36 Months

INTAKE AND ENTRY REQUIREMENTS

Intake: March, July, November

I. Passed Sijil Tinggi Persekolahan Malaysia (STPM) with a full pass in two subjects or equivalent with a minimum Cumulative Grade Point Average (CGPA) of 2.0 and pass the Sijil Pelajaran Malaysia (SPM) or equivalent with a credit in Mathematics; or

ii. Passed the Matriculation Programme or Foundation of PPT recognized by the Malaysian Government with a CGPA of 2.0 and credit in Mathematics at SPM level or equivalent; or

iii. A-Level pass with a minimum pass in two subjects including a credit in Mathematics at SPM level or equivalent; or

iv. Passing the Unified Examination Certificate (UEC) with at least grade B in five subjects including Mathematics and English; or

v. Graduated Diploma [Level 4, Malaysian Qualifications Framework (MQF)] in Computing or equivalent with a CGPA minimum 2.5; or candidates who obtained a CGPA below 2.5 but above 2.0 may be accepted subject to a rigorous internal assessment process; or Graduated Diploma (Level 4, MQF) than field Computing with a CGPA minimum 2.5 and credit in Mathematics at SPM level; or

vi. Other equivalent qualifications recognized by the Malaysian Government.

vii. For non-Malaysian citizens, please refer to the Malaysian Qualifications Agency's (MQA) List of Overseas Qualifications and its equivalency with Malaysian Education System to see if you qualify for this course.
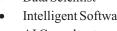
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English Requirements :

International students must have proof of good proficiency in verbal and written English. For example, International English Language Testing System (IELTS) score of 5.0 or its equivalent. If a student does not meet this requirement, HEPs must offer English proficiency courses to ensure that the student's proficiency is sufficient to meet the needs of the programme.

LIST OF COURSE/MODULE OFFERED IN THE PROGRAMME

Sl. No.	Subject Name
1	Principles of Programming
2	Discrete Mathematics and Probability
3	English
Elective (Choose any one module from the following):	
4	Islamic Civilization and Asian Civilization
	Malay Language Communication
5	Computer Architecture and Organization
Elective (Choose any one module from the following):	
6	Ethnic Relations
	Malaysian Studies
7	Operating Systems
8	Database Management Systems
9	Computer Networks
10	Object Oriented Programming
11	Malaysian Government and Public Policy
12	Data structures and Algorithms
13	Fundamentals of Artificial Intelligence
14	Applied Statistics
15	Values & Ethics in profession
16	Machine Learning

Sl. No.	Subject Name
17	Human Computer Interaction
18	System Analysis and Design
19	Software Engineering
20	Data Science Principles
21	Computational Intelligence
22	High Performance Computing
23	Project Management
24	Leadership Skills and Human Relations
25	Pattern Recognition
26	Computer Vision
27	Organizational Behavior
28	Intelligent Autonomous Robotics
29	Natural Language Processing
30	Final year Project
31	Industrial Training
32	Data Visualization
33	Business Intelligence Systems

Call us :

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