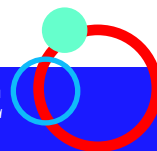




ISO 9001:2015 Certified

BACHELOR IN COMPUTER SCIENCE (NETWORK TECHNOLOGY AND CYBERSECURITY) (HONOURS)

(N-DL/0613/6/0151) (01/31) (MQA/PA 18384-01)



▶ PROGRAMME DESCRIPTION

The program Bachelor in Computer Science (Network Technology and Cybersecurity) (Honours) at Lincoln University College (Malaysia) in ODL mode offers students a comprehensive understanding of computer networks, cybersecurity principles, and network management. The program equips learners with the skills to design, secure, and manage network systems, while addressing current threats in the digital landscape. Through flexible online learning, students gain expertise in areas like network security, ethical hacking, and information assurance, preparing them for careers in IT infrastructure, network administration, and cybersecurity fields.

Through ODL, learning is delivered online with access to resources, e-library and distance-learning support, offering flexibility while awarding the same honours degree.



▶ PROGRAMME AIM

The Bachelor in Computer Science (Network Technology and Cybersecurity) (Honours) program aims to produce graduates who are:

- Knowledgeable and technically competent in Computer Science discipline in-line with the industry requirement.
- Effective in communication, possess teamwork and demonstrate effective leadership quality in an organization.
- Capable to solve Network and Cyber Security related problems innovatively, creatively and ethically through sustainable approach.
- Able to demonstrate entrepreneurship skills and recognize the need of lifelong learning for successful career advancement.

▶ PROGRAMME DURATION

Full time: 3 Years

Web : www.lincoln.edu.my | E-mail : info@lincoln.edu.my

1 300 880 111 (Malaysia)
+603 78063478 (International)

Wisma Lincoln, No. 12-18, Jalan SS 6/12, 47301 Petaling Jaya, Selangor Darul Ehsan, Malaysia.

No. 2, Jalan Stadium, SS 7/15, Kelana Jaya, 47301, Petaling Jaya, Selangor Darul Ehsan, Malaysia.

► CAREER OPPORTUNITIES:

Graduates of the Bachelor in Computer Science (Network Technology and Cybersecurity) (Honours) in ODL mode can pursue various career opportunities in the rapidly growing fields of network technology and cybersecurity. Potential roles include:

- Network Manager
- Network Analyst
- Network Administrator
- Network Engineer.
- Systems Administrator
- I.T. security Specialist
- I.T. Support Engineer

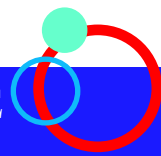
► INTAKE & ENTRY REQUIREMENTS

Intake: 1.March, 2.July, 3.November

1. Passed Higher School Certificate Malaysia (STPM) with a full pass in 2 subjects or equivalent with a minimum CGPA of 2.0 and pass the Certificate of Education (SPM) or equivalent with a credit in Mathematics; or
2. 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
3. A-Level pass with a minimum the lack of a pass in 2 subjects including a credit in Mathematics at SPM level or equivalent; or
4. Passing the Unified Examination Certificate (UEC) with at least grade B in 5 subjects including Mathematics and English; or
5. Graduated Diploma (Level 4 Qualification Framework (MOH)) 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.KKM) than field Computing with a CGPA minimum 2.5 and credit in Mathematics at SPM level; or
6. Other equivalent qualifications recognized by the Malaysian Government
7. For non-Malaysian citizens, please refer to the Malaysian Qualification Agency's (MQA) List of Overseas Qualifications & its equivalency with Malaysian Education System to see if you qualify for this course.

For International students, a Test of English as a Foreign Language (TOEFL) score of 500 OR an International English Language Testing System (IELTS) score of 5.0 OR its equivalent is needed. 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 program. This is normally conducted through an assessment process.





► **LIST OF COURSE/MODULE OFFERED IN THE PROGRAMME**

Sl. No.	Subject Name
1	Principles of Programming
2	Discrete Mathematics and Probability
3	English
<u>Elective (Choose any one module from the following)</u>	
4	Falsafah dan Isu Semasa/Philosophy and Current Issues
	Malay Language Communication 2
5	Computer Systems
6	Penghayatan Etika dan Peradaban/Appreciation of Ethics and Civilizations
7	Operating Systems
8	Computer Networks
9	Kerajaan Malaysia dan Dasar Awam/Malaysian Government and Public Policy
10	Computer Organisation
11	Database Management Systems
12	Data structures and Algorithms
13	Applied Statistics
14	Data Communication & networking
15	Values & Ethics in profession
16	Object Oriented Programming
17	Computer Ethics
18	Information Assurance & Security 1
19	Network Security and Privacy

Sl. No.	Subject Name
20	Microsoft Windows Server Administration
21	Human Computer Interaction
22	Software Engineering Fundamentals
23	System Analysis and Design
24	Project Management
25	Artificial Intelligence
26	Human Relations and Leadership Skills
27	Wireless Communication
28	Inter Routing Technology
29	Information Security
30	Cyber Security Legal Issues & Policy Analysis
31	Linux Administration
32	Web Technology
33	Final year Project 1
34	Information Assurance & Security 2
35	Final year Project 2
36	Cyber Security Management
37	Advance Switching Technology & Trouble Shooting
38	Industrial Training

