

PROGRAMME DESCRIPTION

The Bachelor of Computer Science with E-Commerce at Lincoln University College, Malaysia, is an innovative interdisciplinary degree that merges the technical prowess of computer science with the strategic insights of e-commerce. Students gain robust skills in programming, web development, and cybersecurity while also mastering e-commerce essentials like digital marketing, online payment systems, and business analytics. This program prepares graduates to thrive in the dynamic digital marketplace by providing hands-on experience with e-commerce platforms and technologies, alongside a deep understanding of online business models and management strategies. Graduates emerge ready to excel in diverse roles, from e-commerce developers to digital marketing specialists, blending technical expertise with business acumen to drive success in the online world.

PROGRAMME AIM

The program Bachelor of Computer Science with E-Commerce will produce bachelors who are:

- Knowledgeable to provide computing solutions for non-routine problems based on appropriate knowledge and technical skills in E-Commerce filed according to the industry requirements.
- Capable of computing with E-commerce practitioners have leadership skills and good interpersonal and communication skills to interact with stakeholders.
- Competent to computing with E-commerce practitioners who engage in lifelong learning and have an entrepreneurial mindset for self and career development. Capable of manifesting leadership qualities personally in ayurvedic clinical issues.
- Able to compute with E-commerce practitioners who uphold ethical conduct and professional practices in maintaining integrity with Digital and Numeracy skills.

CAREER OPPORTUNITIES

Graduates of the Bachelor of Computer Science with E-Commerce programme will be well-prepared for a variety of career paths, including:

- E-commerce Developer
- E-commerce Manager
- Digital Marketing Specialist
- E-commerce Product Manager
- E-commerce Business Analyst
- E-commerce Consultant

Call us :

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



PROGRAMME DURATION

Duration : 3 Years.

INTAKE AND ENTRY REQUIREMENTS

1. January 2. May 3. September

i. A pass in Sijil Tinggi Persekolahan Malaysia (STPM) (Arts Stream) with a minimum Grade of C (GP 2.00) in any TWO (2) subjects; OR

ii. A pass in Sijil Tinggi Agama Malaysia (STAM) with a minimum Grade of Jayyid in any TWO (2) subjects; OR

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- iii. A pass in Matriculation or Foundation studies with a minimum CGPA of 2.00; OR
- iv. Any Diploma in Science and Technology (Level 4, Malaysian Qualifications Framework, MQF) with a minimum CGPA of 2.75. Candidates with a CGPA below 2.75 but more than 2.50 can be admitted subject to a thorough rigorous assessment;

AND a credit in:

- Additional Mathematics at the Sijil Pelajaran Malaysia (SPM) level or its equivalent; OR
 - Mathematics and any one of the Science, Technology or Engineering subjects at SPM level or its equivalent.
- Candidates need to take and pass the reinforcement Mathematics equivalent to Additional Mathematics at the SPM level. The subject must be offered in the first semester or before enrolment with unconditional offer.

OR

- v. A pass in STPM (Science Stream) with a minimum Grade of C (GP 2.00) in Mathematics subject and ONE (1) Science / ICT subject; OR
- vi. Diploma in Computing fields (Level 4, MQF) with a minimum CGPA of 2.50. Candidates with a CGPA below 2.50 but more than 2.00 may be admitted subject to a thorough internal evaluation process; OR
- vii. Diploma Kemahiran Malaysia (DKM) / Diploma Vokasional Malaysia (DVM) in Computing fields with a minimum CGPA of 2.50 subjected to Lincoln University College Senate / Academic Board's approval; OR
- viii. Diploma Lanjutan Kemahiran Malaysia (DLKM) in Computing fields with a minimum CGPA of 2.50 subjected to Lincoln University College Senate / Academic Board's approval; OR
- ix. Other relevant and equivalent qualifications recognized by the Malaysian Government. (Candidates can be admitted if their admission qualification contains Mathematics subject (s) equivalent to Additional Mathematics at the SPM level. If it is not equivalent, reinforcement Mathematics subject that equivalent to the SPM level must be offered in the first semester or before enrolment with unconditional offer).

Notes:

- Students are required to pass the reinforcement Mathematics before being allowed to take related core courses. The candidate can sit for any subjects that did not indicate Mathematics as a prerequisite.
- Reinforcement Mathematics can contribute to the overall graduating credit.
- Students from Matriculation / Foundation or its equivalent can be exempted from taking reinforcement Mathematics, provided that the Mathematics offered at that program level is equivalent / more than the Additional Mathematics offered at an SPM level.

For International Students:

English Competency Requirement (International Student)

Achieve a minimum of Band 3.5 in Malaysian University English Test (MUET) or equivalent to Common European Framework of Reference for Languages (CEFR) (High B1).

If a student does not meet this requirement, Lincoln University College, Malaysia must offer English proficiency courses to ensure that the student's proficiency is sufficient to meet the needs of the program.

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LIST OF COURSE/MODULE IN THE PROGRAMME

Sl. No.	Subject Name	Credits
1	Programming Fundamentals	3
2	Discrete Mathematics and Probability	3
3	English	3
Elective (Choose any one module from the following)		
4	Kursus Falsafah dan isu semasa (Philosophy and Current issues course)	3
	Malay Language Communication 2 (International)	
5	Computer Architecture and Organisation	3
6	Penghayatan etika dan peradaban	3
7	Operating Systems	3
8	Database Management Systems	3
9	Network and Data Communication	3
10	Object Oriented Programming	3
11	Malaysian Government and Public Policy	2
12	Data Structures and Algorithm	3
13	E-commerce Fundamentals	4
14	Multimedia Systems	3
15	Values & Ethics in profession	3
16	E-commerce Platforms and Technologies	4
17	Human Computer Interaction	3
18	System Analysis and Design	3
19	Software Engineering	3

Sl. No.	Subject Name	Credits
20	Python for Data Analytics	3
Filed Electives (Choose any three modules from five elective modules)		
21	Online Payment Systems	4
22	Web Development Fundamentals	4
23	Information Project Management	4
24	E-commerce Laws and Regulations	4
25	Advanced E-commerce Strategies	4
26	Supply Chain Management	4
27	Human Relations and Leadership Skills	2
28	E-commerce Security	4
29	Data Analytics for E-commerce	4
30	Decision Support Systems	4
31	Business Application Development	4
32	High Performance Computing	3
33	Machine Learning Algorithms	3
34	Final Year Project	6
35	Digital Marketing for E-commerce	4
36	Information Assurance and Security	3
37	Business Intelligence Systems	3
38	Industrial Training	6

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