

Bachelor of Science (Hons) Computing 3+0 in Collaboration with Leeds Beckett University, UK

PROGRAMME DETAILS

Programme Code: N/481/6/0553 (PA4737) 08/19

Duration: 3 Years

Main Intakes: January, May and September

Awarding Body: Leeds Beckett University, UK

CAREER PROSPECTS

Information Technology Consultant, Management Consultant, Project Manager, Systems Analyst, Integration Consultant, Security and Privacy Consultant.

PROGRAMME OVERVIEW

The aim of this programme is to provide students with the theoretical knowledge and principles of computer science. It is incorporated with practical skills that are essential to supporting the needs of the modern computing industry.

This programme provides specialised technological updates and encourages students to broaden the horizons by considering the effects computer science has on the global working environment, while offering the opportunity to expand on existing and new knowledge in computer applications.

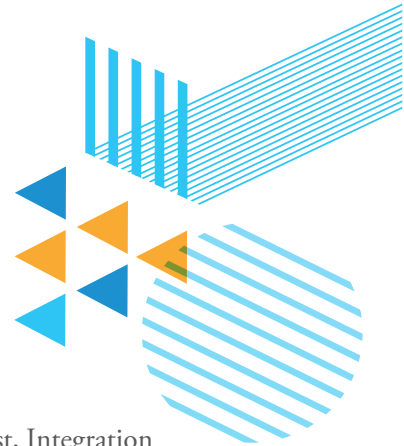
ENTRY REQUIREMENTS

1. STPM / A-Level or its equivalent:
Pass with a minimum Grade C (GP 2.00) in any 2 subjects and credit in Additional Mathematics in SPM or its equivalent; OR
2. GCE A Level:
Pass in any 2 subjects and credit in Additional Mathematics; OR
3. STAM:
Pass (Jayyid) and credit in Additional Mathematics in SPM or its equivalent; OR
4. Matriculation/ Foundation qualification or its equivalent:
Pass with a minimum CGPA of 2.00 and credit in Additional Mathematics in SPM or its equivalent; OR
5. UEC:
Pass with minimum Grade B in 5 subjects including Additional Mathematics; OR
6. Diploma in Computer Science, Information Systems, Information Technology, Software Engineering, or its equivalent:
Pass with minimum CGPA 2.5 but a CGPA above 2.0 but below 2.5 may be admitted upon rigorous internal assessment process; OR
7. Diploma in Science and Technology:
Pass with a minimum CGPA of 2.5 and credit in Mathematics in SPM or its equivalent; OR
8. Other equivalent qualifications recognized by the Malaysian Government.

AND

Students must pass:

- a) IELTS with a minimum band of 6.0; OR



- b) TOEFL with a minimum score of 550 (213 for CBE; 80 for IBE); OR
- c) Cambridge English/ Edexcel 'A' Level; OR
- d) Pearson Test of English (PTE) (56-60 overall with a minimum of 51 and above in each component); OR
- e) Password Integrated Skills Test conducted by Leeds Beckett University and Institut Teknologi Pertama; OR
- f) Malaysian University English Test (MUET) Band 2; OR
- g) Band 6.0 in IELTS Equivalent Test conducted by Institut Teknologi Pertama.

Programme Structure

Year 1	Year 2	Year 3
<ul style="list-style-type: none"> • Web Development • Systems Development • Computing Systems • Databases • Fundamentals of Computer Programming • Forensics & Security • Academic Skills • Visual Programming 	<ul style="list-style-type: none"> • Internet Systems Development • Software Development • Database Application Development • Networking Principles • Team Project • Elective Module 1* • Professional Ethics • Multimedia Technology 	<ul style="list-style-type: none"> • Production Project Major (Option A)## • Advanced Databases A • Advanced Communications Technology A • Advanced Internet Development A • Advanced Software Engineering A • Elective Module 2* • Production Project (Continue) Major (Option B) ## • Advanced Databases B • Advanced Communications Technology B • Advanced Internet Development B • Advanced Software Engineering B • Elective Module 3* • Industrial Training

Students must choose one A & B pair of major modules for specialisation.

Elective modules:

Elective Module 1: (i) Software Engineering (ii) Information Systems
(Students are to choose any ONE (1) of the above two (2) options based on the area of interest)

Elective Module 2: (i) Artificial Intelligence in Business (ii) IT Systems Strategy
(Students are to choose any ONE (1) of the above two (2) options based on the area of interest)

Elective Module 3: (i) Open Source Systems (ii) Human Computer Interaction
(Students are to choose any ONE (1) of the above two (2) options based on the area of interest)

As stated in the Circular from Ministry of Education No. 2/2013 with reference number JPT/GS1000-606Jld.1(25), all new students who enroll into any programme in any private institution after 01 September 2013 are required to complete and pass all the required General Studies Modules / Mata Pelajaran Umum (MPU).

