



Saluran Terbuka Universiti Malaya (SATU)

University of Malaya's Open Channel

Special channel for admission of students into
UM's Bachelor Degree Programmes

BACHELOR OF COMPUTER SCIENCE (Artificial Intelligence)

COURSE STRUCTURE

A total of 128 credits are required to complete the Bachelor of Computer Science (Software Engineering) programme as follows;

Courses	Credit
a. University Courses	20
b. Faculty Core Courses	17
c. Faculty Elective Courses	6
d. Programme Core Courses	55
- Industrial Training : 12 credits	
- Specialization Elective Courses : 30 credits	
Total	128

(Note : Not all courses will be offered every semester; the actual courses offered will depend on the availability of staff and the number of students registering).

FEES

RM57,240

This programme equips students with the knowledge and skills to design and develop computer systems that emulate and exhibit human intelligence. Students will learn the theoretical and practical aspects of Robotics, Cognitive Science, Image Processing, Natural Language Processing, Machine Learning, Artificial Neural Network, Fuzzy Logic, Expert Systems and Logic Programming. Students will apply their skills and knowledge through the development of real world applications in their final year projects.

CAREER OPPORTUNITY

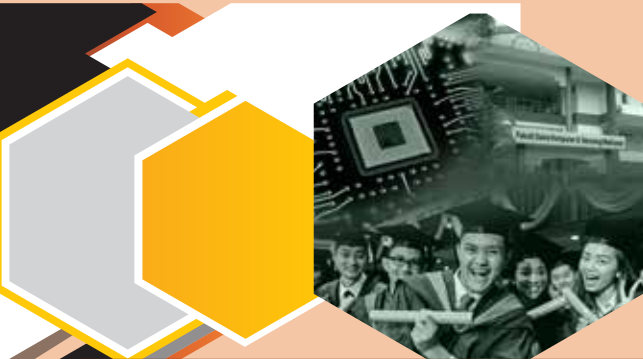
Graduates of this programme may choose to be one (but not limited to) of the following:

- System Engineer
- Knowledge Engineer
- System Analyst
- Programmer
- Game Developer
- Academician
- Researcher

INTAKE SCHEDULE

The academic programme follows the semester system and commences in September (for Semester 1) and February (for Semester 2). The minimum period of study is 7 semesters and the maximum period of study is 11 semesters.

Closing date : 24 August 2018



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BACHELOR OF COMPUTER SCIENCE (Artificial Intelligence)

Entry Requirement

STPM (Current Year) - Science Stream

- Passed the STPM with at least CGPA 3.00; and
- Obtained at least grade B at the STPM level in two (2) of the following subjects:
 - Mathematics T / Physics; and
 - Mathematics T / Physics / Chemistry/ Biology/ Information and Communications Technology (ICT)
- and
- Obtained at least Band 2 in MUET

MATRICULATION/ FOUNDATION - Science Stream

- Passed the Matriculation / Foundation with at least CGPA 3.00;
- Obtained at least Grade B at the Matriculation/Foundation level in two (2) of the following subjects:
 - Mathematics/Physics/Engineering Physics; and
 - Mathematics / Physics /Engineering Physics/ Chemistry/ Engineering
 - Chemistry / Biology / Computer Science / Computing
- and
- Obtained at least Band 2 in MUET

DIPLOMA/EQUIVALENT - Science Stream

REQUIREMENT 1

- Possess a Diploma in Computer Science or Diploma in Information Technology from Public University / other institutions in related fields recognized by the Government of Malaysia and approved by the University's Senate with at least CGPA 3.00; and
- Obtained at least Grade B at the Diploma level in Mathematics; and
- Obtained at least Band 2 in MUET

OR

REQUIREMENT 2

- Passed STPM not in current year with at least CGPA 3.00 and obtained at least grade B in two (2) of the following subjects:
 - Mathematics T / Physics; and
 - Mathematics T / Physics / Chemistry/ Biology/ Information and Communications Technology (ICT)
- and
- Obtained at least Band 2 in MUET

OR

REQUIREMENT 3

- Passed the Matriculation / Foundation not in current year with at least CGPA 3.00;
- Obtained at least Grade B at the Matriculation/Foundation level in two (2) of the following subjects:
 - Mathematics/Physics/Engineering Physics; and
 - Mathematics / Physics /Engineering Physics/ Chemistry/ Engineering
 - Chemistry / Biology / Computer Science / Computing
- and
- Obtained at least Band 2 in MUET

OTHER REQUIREMENTS

REQUIREMENT 1

- Passed the GCE A-Level with at least grade A in Mathematics; and
- Obtained at least Grade B in one (1) of the following subjects:
 - Computing
 - Physics;
 - Further Mathematics;
 - Chemistry;
 - Biology;
- and
- Obtained at least Band 2 in MUET
- or
- Obtained at least Band 4 in IELTS (Academic)
- or
- Obtained score of at least 437 - 473 (PBT) / 123 - 150 (CBT) / 41 - 52 (IBT) in TOEFL.

OR

REQUIREMENT 2

- Possess International Baccalaureate Diploma (IB) with at least 30 point score and obtained grade 5 (Higher Level) in Mathematics; and
- Any one (1) of the following subjects:
 - Chemistry;
 - Physics;
 - Computer Science;
 - Biology;
- and
- Obtained at least Band 2 in MUET
- or
- Obtained at least Band 4 in IELTS (Academic)
- or
- Obtained score of at least 437 - 473 (PBT) / 123 - 150 (CBT) / 41 - 52 (IBT) in TOEFL.



Further information:

UNIVERSITY OF MALAYA CENTRE FOR CONTINUING EDUCATION
Level 9, Wisma R&D University of Malaya,
Jalan Pantai Baharu, 59990 Kuala Lumpur
Tel : 03-2246 3600 Fax : 03-2246 3613
Email: umcced@um.edu.my

FACULTY OF COMPUTER SCIENCE AND
INFORMATION TECHNOLOGY
Tel : 03-7967 6428 (Pn.Nur Hafiezah)
Email : hafiezah@um.edu.my