



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 (Software Engineering)

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 offers a comprehensive look into the world of software engineering by providing the students with not only the theoretical and technical knowledge but the skills needed in various other related aspects of software engineering. The programme emphasizes a strong underlying of Software Engineering principles and concepts through object-oriented modeling, software design and architecture, human-computer interaction and software quality.

CAREER OPPORTUNITY

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

- System Analyst
- Software Engineer
- Software Tester
- Software Architect
- Programmer
- Project Manager
- 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

Entry Requirements

A Malaysian candidate who wishes to pursue a programme of study at the University of Malaya must fulfill the University's entry requirements as follows:

- (1) Passed the Sijil Pelajaran Malaysia (SPM) with a credit (Grade C) in Bahasa Melayu/Bahasa Malaysia subject or a credit (Grade C) in Bahasa Melayu/Bahasa Malaysia July paper and pass in History (SPM 2013 and above); **and**
- (2) Achieve a minimum Band in the Malaysian University English Test (MUET) as required in special requirements of the programme; **and**
- (3) Fulfilled any of the programme Special Entry Requirements as below:

Special Entry Requirements

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

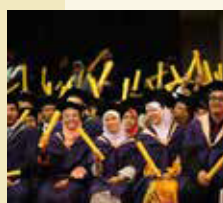
REQUIREMENT 1

- 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:

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