

SCHOOL OF INFORMATICS AND APPLIED MATHEMATICS

PROGRAMME

GC10 BACHELOR OF COMPUTER SCIENCE (SOFTWARE ENGINEERING)

INTRODUCTION

This programme lead students to develop an understanding of the theory and application of software systems. These include skills in problem solving, design of software systems, software testing and maintenance systems. In line with the development of information technology in the new millennium, computer science and information technology is a technology that is capable of driving social development of an information society. Both of these areas are very important for industry competition. Therefore, in accordance with the government's call, skilled in software engineering, multimedia and computer systems is indispensable.

QUALIFICATIONS

MINIMUM QUALIFICATIONS FOR DIPLOMA / EQUIVALENT

General University Requirements

Passed Certificate of Education Malaysia (SPM) / equivalent with **credits in Bahasa Melayu / Bahasa Malaysia or Bahasa Melayu / Bahasa Malaysia in July paper;**

and

Have a diploma or other qualification recognized as equivalent by the Malaysian Government and approved by the IPTA Senate;

or

Passed in Malaysia Higher School Certificate (STPM) in 2010 or earlier with at least;

• **Grade C (2.00) in General Studies;**

and

• **Grade C (2.00) in two (2) other subjects;**

or

Passed the **Matriculation examination in 2010** or earlier with at least **CGPA 2.00;**

and

A minimum Level 1 (Band 1) in the Malaysian University English Test (MUET).

PROGRAM SPECIAL REQUIREMENTS

For candidates STPM / Matriculation in 2010 or earlier: -

Obtained at least **Grade C (2.00)** in the following subjects:

- Mathematics T / Further Mathematics T / Mathematics / Engineering Mathematics

or

Obtained at least **credits (Grade C)** at the SPM level in the following subjects:

- Additional Mathematics

MINIMUM REQUIREMENTS FOR MATRICULATION / FOUNDATION

General University Requirements

Pass the Certificate of Education Malaysia (SPM) / equivalent with credits in Bahasa Melayu / Bahasa Malaysia or credit in Bahasa Melayu / Bahasa Malaysia paper in July;

Passed Matriculation / UM Foundation Science / UiTM Foundation with a CGPA of at least **2.00**;

and

A minimum Level 1 (Band 1) in the Malaysian University English Test (MUET).

PROGRAM SPECIAL REQUIREMENTS

Obtained at least **Grade C (2.00)** at the Matriculation / Foundation level in the following subjects:

- Mathematics

or

Obtained at least **credits (Grade C)** at the SPM level in the following subjects:

- Additional Mathematics

**** Open to category Matrix: Science (N), Engineering (K), Technical (J)**

MINIMUM QUALIFICATIONS FOR STPM

General University Requirements

Graduate Certificate of Education Malaysia (SPM) / equivalent with credits in Bahasa Melayu / Bahasa Malaysia or credit in Bahasa Melayu / Bahasa Malaysia paper in July.

and

Passed in Malaysian Higher School Certificate (STPM) with at least:

- Grade C (2.00) General Studies;

and

- Grade C (2.00) in two (2) other subjects.

and

A minimum Level 1 (Band 1) in the Malaysian University English Test (MUET).

PROGRAM SPECIAL REQUIREMENTS

Obtained at least **Grade C (CGPA 2.00)** at STPM level in the following subjects:

- Mathematics T / Further Mathematics T

or

Obtained at least **credits (Grade C)** at the SPM level in the following subjects:

- Additional Mathematics

PROGRAMME DURATION, TUITION FEES AND TOTAL CREDIT HOURS

Programme Duration	Local Students Fees/ Semester (RM)	International Students Fees/ Semester (RM)	Total Credit Hours
3 years	980.00	2300.00	121

- Fees shown are excluding hostel fees (accommodation) and Non-Recurring Fees.
- Non-Recurring Fees (paid only one time in the first half) - RM450.00
- Hostel fee (per semester and per student). There are three types of packages are offered:
 - 4 people per room - RM 357.00 / semester / student
 - 3 persons per room - RM 476.00 / semester / student
 - 2 persons per room - RM 595.00 / semester / student

Non-Recurring Fees (RM)

Registration fee	100.00
Orientation week	200.00
Co-curriculum	150.00
TOTAL	450.00

CAREER FIELD

Among the areas that can be pursued by graduates of the Bachelor of Computer Science (Software Engineering) is as follows:

- Software Engineer
- Software System Builder
- IT Consultant
- Software Tester
- Web Designer
- IT Trainee
- Programmers
- Information Technology Officer
- IT Lecturer
- Web Master
- Network Administrator
- IT Guru
- Network Engineer
- Support Engineer

ADDITIONAL INFORMATION

For more information, please contact:

Department of Academic Management
Registrar Office

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