

SCHOOL OF INFORMATICS AND APPLIED MATHEMATICS

PROGRAMME

GS08 BACHELOR OF SCIENCE (COMPUTATIONAL MATHEMATICS)

INTRODUCTION

This programme focuses on basic mathematical and statistical theory extended with the theoretical and practical numerical analysis, optimization, operations research and actuarial science, accounting and reinforced with mastery in the field of information technology, aims to produce experts in Computational Mathematics required by the various sectors in the country. In this programme, mathematical modeling and numerical analysis software skills blended with mathematics and statistics, particularly in the field of optimization and operations research.

QUALIFICATIONS

MINIMUM QUALIFICATIONS FOR DIPLOMA / EQUIVALENT
<p style="text-align: center;">General University Requirements</p> <p>Passed Certificate of Education Malaysia (SPM) / equivalent with credits in Bahasa Melayu / Bahasa Malaysia or Bahasa Melayu / Bahasa Malaysia in July paper;</p> <p style="text-align: center;">and</p> <p>Have a diploma or other qualification recognized as equivalent by the Malaysian Government and approved by the IPTA Senate;</p> <p style="text-align: center;">or</p> <p>Passed in Malaysia Higher School Certificate (STPM) in 2010 or earlier with at least;</p> <ul style="list-style-type: none">• Grade C (2.00) in General Studies; <p style="text-align: center;">and</p> <ul style="list-style-type: none">• Grade C (2.00) in two (2) other subjects; <p style="text-align: center;">or</p> <p>Passed the Matriculation examination in 2010 or earlier with at least CGPA 2.00;</p> <p style="text-align: center;">and</p> <p>A minimum Level 1 (Band 1) in the Malaysian University English Test (MUET).</p>
PROGRAM SPECIAL REQUIREMENTS

For candidates STPM / Matriculation in 2010 or earlier: -

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

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

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

**** 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

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	940.00	2180.00	122

- 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 Bachelor of Science (Computational Mathematics) is as follows:

- Research Officer
- Financial Planner
- Accountant
- Mathematician
- Bank Officer
- Insurance Officer
- Mathematics Teacher
- Lecturer
- Corporate Member
- Science Officer

ADDITIONAL INFORMATION

For more information, please contact:

Department of Academic Management

Registrar Office

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