

## SCHOOL OF MARINE SCIENCE & ENVIRONMENT

### PROGRAMME

GS44 BACHELOR OF SCIENCE (CHEMICAL AND ENVIRONMENT ANALYSIS)

### INTRODUCTION

Graduates of this programme will have the knowledge and skills not only in the various fields of chemistry nonetheless have special skills in analytical chemistry methods and environments as well as the use of all the latest equipment and instruments in the field. This is due to the rapid development in the field of industrial require serious control and monitoring.

### QUALIFICATIONS

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

- Chemistry / Engineering Chemistry

#### 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:

- Chemistry

#### 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:

- Chemistry

## 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	120

- 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
<b>TOTAL</b>	<b>450.00</b>

## CAREER FIELD

Among the areas that can be pursued by graduates of Bachelor of Science (Chemical Sciences) is as follows:

- Research Officer
- Product Development Chemist
- Process Development Chemist
- Analytical Chemists
- Forensic Chemist
- Public Chemist
- Teachers and Lecturers

## ADDITIONAL INFORMATION

For more information, please contact:

Department of Academic Management  
Registrar Office

Universiti Malaysia Terengganu  
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