



Undergraduate

2025/2026 Session



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Bachelor of Chemical Engineering Technology (Honours)

R2/524/6/0032(07/2026) - MQA/FA 16818
MBOT/FA/CM/0/02/0004

BACHELOR OF CHEMICAL ENGINEERING TECHNOLOGY (HONOURS)

INTRODUCTION

The Bachelor of Chemical Engineering Technology (Honours) programme is carefully designed to cultivate graduates endowed with both profound knowledge and technical prowess, adept at applying Chemical Engineering Technology to meet the dynamic demands of the industry. This rigorous programme emphasizes the development of effective communication skills, enabling students to function as influential team members or visionary leaders within various organizational settings. The programme's comprehensive and interdisciplinary modules empower students to innovatively, creatively, and ethically address complex challenges in Chemical Engineering Technology through a sustainable approach. Our curriculum is designed to foster critical thinking and problem-solving abilities, ensuring that graduates are not only adept in their field but also committed to ethical and sustainable practices. Upon graduation, our alumni are exceptionally prepared to embrace lifelong learning and continuous professional development, positioning themselves as leaders and innovators in their careers.

MODULES

FIRST YEAR

CORE
MODULES

- Engineering Drawing
- Introduction to Plant Technology
- Electrical & Electronics Technology
- Material Science
- Fluid Mechanics
- Elementary Principles of Chemical Engineering
- Organic Chemistry
- Computer Programming
- Calculus
- Algebra



SECOND YEAR

CORE
MODULES

- Engineering Mechanics
- Transport Processes
- Analytical Chemistry
- Instrumentation
- Plant Operations
- Process Plant Safety
- Chemical Engineering Thermodynamics
- Unit Operation I
- Statistics



THIRD YEAR

CORE
MODULES

- Chemical Reaction Engineering
- Pollution Control
- Unit Operations 2
- Petrochemical & Petroleum Technology
- Undergraduate Project 1
- Undergraduate Project 2
- Plant Design 1 & CAD
- Process Control
- Engineering Economy



FOURTH YEAR (Semester 1)

CORE
MODULES

- Plant Design 2
- Process Control
- Professional Ethics
- Entrepreneurship



FOURTH YEAR (Semester 2) Industrial Training

Admission Requirements

QUALIFICATIONS

MUET Band 2 AND

- **STPM/ A-LEVEL**

Pass STPM/ A-level or equivalent with a minimum grade C (CGPA 2.0) in Mathematics and ONE (1) relevant Science subject, AND

Pass SPM or its equivalent with at least a pass in English, **OR**

- **MATRICULATION/ FOUNDATION**

Matriculation/ Foundation with a minimum CGPA of 2.00 and a grade C in Mathematics and one (1) relevant Science subject, **OR**

- **DIPLOMA**

Recognized Diploma in Engineering/ Engineering Technology or its equivalent, with a minimum CGPA of 2.00

OR

Recognized related Vocational and Technical/ Skills Diploma with minimum CGPA of 2.00 AND a pass in English at SPM level

ENGLISH LANGUAGE

- **IELTS** Minimum Band 5.0
- **TOEFL** 500 (paper-based)
- **MUET** Band 2 and above
- **PTE** 47 and above

Note: International students with no English Language certificate will be given a conditional offer as requirement by Education Malaysia Global Services (EMGS).



Information



Full Time

4 years (8 semesters)



Intakes

February/April/ July/ September



Full Time (Local)

Registration Fee: RM790.00
Semester Fee: RM6,085.00

Full Time (International)

Registration Fee: RM790.00
Semester Fee: RM8,560.00

Application Guidelines

MALAYSIAN QUALIFICATIONS

Step 1

Log on to

<https://ecampus.tatiuc.edu.my/pelajar/apply.php>

to create an account and fill in required information.

OTHERS

Step 1

Log on to

http://ecampus.tatiuc.edu.my/pelajar/apply_olevel.php

to create an account and fill in required information.

Step 2

Upload all supporting documents and confirm the application submission

Results

Step 3

Check the application status online at the same website. The result will be received within 1 week after the application is made.



For International Students

Please submit your offer letter and all passport pages to International Unit (igs@uctati.edu.my) for visa arrangement prior your departure to Malaysia.



For online application, please visit:
Malaysian Qualifications: <https://ecampus.tatiuc.edu.my/pelajar/apply.php>
Others: http://ecampus.tatiuc.edu.my/pelajar/apply_olevel.php

For further enquiries:
Department of Promotion, Marketing & Corporate Communication

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DISCLAIMER: The information in this prospectus is correct as of October 2025. Changes in circumstances after this date may alter the accuracy of the information. UC TATI reserves the right to change any information in this prospectus without prior notice.