UNIVERSITY COLLEGE TATI

MBOT
LEMBAGA TEKNOLOGIS MALAYSIA
MALAYSIA BOARD OF TECHNOLOGY

2022 SETARA COMPETITIVE UNIVERSITY COLLEGE

Undergraduate

2025/2026 Session

Scan this QR code to apply

Bachelor of Computer Science (Honours)

R2/0613/6/0069 01/2029, MQA/FA 14297
MBOT/FA/IT/0/02/0001

BACHELOR OF COMPUTER SCIENCE (HONOURS)

INTRODUCTION

This programme is designed with the purpose to introduce the concepts and technologies of computing, in particular software engineering, networking and security, mobile computing, business analysis and cloud computing. Students will acquire the skills and concepts related to the design, development, and use of application computing. Concepts related to general computing such as databases, system analysis and design, human computer interaction and programming will also be included. In addition to concepts and theories related to computer science, this programme also aims to provide students with practical skills that meet the demands of the computer industry, particularly in software establishment, data analysis, public architecture, mobile applications and network security. Students will also learn soft and foreign language skills, which are required in today's business environment.

MODULES

FIRST YEAR

CORE MODULES

- Information Technology and System
- Problem Solving and Computer Programming
- Computer Organization & Assembly Language
- Network Essential
- Software Engineering
- Data Structure & Algorithm
- System Analysis & Design
- Introduction to HCI and UI/UX
- Multimedia Technology
- Operating System
- Fundamentals Mathematics for Computer Science
- English for Technical Purposes

SECOND YEAR

CORE MODULES

- Database System
- Object Oriented Programming
- Front End Web Development
- Mobile Application Development
- Cloud Computing
- Web Application Development
- Software Project Management
- Software Quality Assurance and Testing
- Statistic for Computing
- Discrete Mathematics for Computer Science
- English for Professional Purposes
- English for Research Purposes

THIRD YEAR

CORE MODULES

- Artificial Intelligence
- Internet of Things (IoT)
- Data Science and Python
- Professional Ethics in IT
- Final Year Project 1
- Final Year Project 2
- Information Security
- Entrepreneurship
- Software Requirement and Design Workshop (Elective)
- Visual Programming (Elective)
- Data Mining (Elective)

FOURTH YEAR (FIRST SEMESTER)

Industrial Training

Admission Requirements

QUALIFICATIONS

- **STPM/ A-Level**
  Pass STPM/ A-level (Art Stream) with a minimum Grade of C (GP 2.00) in any TWO (2) subjects, **OR**
- **STAM**
  Pass STAM with a minimum grade of Jayyid in any TWO (2) subjects, **OR**
- **Matriculation/ Foundation**
  Pass with a minimum CGPA of 2.00, **OR**
- **Diploma**
  Any Diploma in Science and Technology (Level 4, MQF) with a minimum CGPA of 2.75. Candidate with a CGPA below 2.75 but more than 2.50 can be admitted subject to a thorough rigorous assessment

AND a credit in:

- Additional Mathematics at the SPM level or its equivalent; **OR**
- Mathematics and any one of the Science, Technology or Engineering subjects at SPM level or its equivalent. Candidates need to take and pass the reinforcement Mathematics equivalent to Additional Mathematics at the SPM level. This subject must be offered in first semester or before enrolment with unconditional offer.

OR

- **STPM/ A-Level**
  Pass STPM/ A-level (Science Stream) or its equivalent with a minimum grade of C (GP 2.00) in Mathematics subject and ONE (1) Science/ ICT subjects; **OR**
- **Diploma**
  Diploma in Computing fields (Level 4, MQF) or its equivalent with a minimum CGPA of 2.50. Candidates with a CGPA below 2.50 but more than 2.00 may be admitted subject to a thorough rigorous assessment; **OR**

  Diploma Kemahiran Malaysia (DKM)/ Diploma Vokasional Malaysia (DVM) in Computing fields with a minimum CGPA of 2.50 subjected to the Senate's approval; **OR**

  Diploma Lanjutan Kemahiran Malaysia (DLKM) in Computing fields with a minimum CGPA of 2.50 subjected to the Senate's approval.
- **OTHER QUALIFICATIONS**
  Other relevant and equivalent qualifications recognised by the Malaysian Government. (Candidates can be admitted if their admission qualification contains Mathematics subject (s) equivalent to Additional Mathematics at the SPM level. If it is not equivalent, the reinforcement Mathematics subject that equivalent to the SPM level must be offered in the first semester or before enrolment with unconditional offer).

ENGLISH LANGUAGE

IELTS	Minimum Band 5.0
TOEFL	iBT 42 and above
MUET	Band 3 or higher
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
3.6 years (7 semesters)

Intakes
February/April/ July/ September

Full Time (Local)
Registration Fee: RM670.00
Semester Fee: RM6,125.71

Full Time (International)
Registration Fee: RM670.00
Semester Fee: RM8,597.14

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.

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

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 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:
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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.*