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Bachelor of Computer Science (Computer Network & Security)

R2/0613/6/0027, 05/2027, MQA/FA 15545
MBOT/FA/IT/0/02/0011

Undergraduate

2025/2026 Session

BACHELOR OF COMPUTER SCIENCE (COMPUTER NETWORK & SECURITY) WITH HONOURS

INTRODUCTION

This programme is developed based on the Cisco Networking Academy curriculum and follows industry trends to enhance students' skills in line with technological advancements. Graduates will be knowledgeable in computer science with a specialization in networking and security, proficient in analyzing, installing, maintaining, and overseeing network infrastructure and security. Upon graduation, students will receive both a Bachelor's degree and a professional certification from the Cisco Networking Academy, significantly enhancing their employability. The program also focuses on interpersonal skills, strategic problem-solving, and operational principles, ensuring graduates are well-rounded professionals. This holistic approach prepares students to be astute and creative thinkers, capable of leading and innovating in various professional environments.

MODULES

FIRST YEAR

CORE
MODULES

- Information Technology and System
- Problem Solving and Computer Programming
- Introduction to Network
- Information Security
- Data Communications
- Data Structure & Algorithm
- System Analysis & Design
- Operating System
- Cyber Law & Ethics
- Cyber Law and Ethics
- Computer Organization & Assembly Language
- English for Technical Purposes

SECOND YEAR

CORE
MODULES

- Database System
- Discrete Mathematics
- Connecting Networks
- Object Oriented Programming
- Cyber Operations
- Cloud Computing
- Wireless Communication Technology
- Ethical Hacking & Network Defence
- Internet of Thing
- English for Professional Purposes
- English for Research Purposes
- Statistics for Computing

THIRD YEAR

CORE
MODULES

- Distributed System
- Introduction to Network Programming
- Artificial Intelligence
- Cryptography
- Introduction to HCI and UI/UX
- Essential Linux System Administration
- Computer Forensics
- Software Engineering
- Entrepreneurship
- Project 1
- Project 2

FOURTH YEAR (FIRST SEMESTER) Industrial Placement

CISCO

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: RM8625.71



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

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 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.