DEPARTMENT OF COMPUTER SCIENCE

FACULTY OF COMPUTER SCIENCE AND INFORMATION TECHNOLOGY
UNIVERSITI PUTRA MALAYSIA

BACHELOR OF COMPUTER SCIENCE (COMPUTER SYSTEM)

This programme focuses on the development of software skills in computer systems, particularly on database systems, intelligent computing and information security. Equal attention is also given to computer software design and development, and their application in information processing.

In the real world, computer applications are complex and challenging in their delivery. Specific algorithms need to be developed according to the situation. Furthermore, the vast amount of information to be managed requires knowledge on database administration, information management and database security. In addition, this programme covers problem-solving alternatives using artificial intelligence, system modelling and simulation to complete students' problem solving and information management skills.

PROGRAMME EDUCATIONAL OBJECTIVES (PEO)

1. Produce graduates who are highly knowledgeable in the theoretical as well as practical aspects of computer systems, especially problem-solving, data management and computer security to fulfill the needs of the country,

2. Produce computer professionals who are refined and highly ethical, and

3. Provide graduates with the knowledge and skills to do research and further studies.

CAREER PROSPECTS

» System Analyst and IT Officer
» Systems Engineer
» System/Database Administrator
» Web/Mobile/Software Programmer
» System Consultant
» Computer System Programmer/ Developer
» IT Executive

IR4.0 READY COURSES

» Embedded Systems Development
» Data Mining
» Machine Learning and Neural Networks
» Computer Network and Communication
» Computer System Security
» Database Application Development

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ENTRY REQUIREMENTS

FULFIL GENERAL UNIVERSITY REQUIREMENT
and
SPECIAL PROGRAM REQUIREMENTS

- Minimum of **Grade C+ (NGMP 2.33)** at STPM level in Mathematics (T) subject; **and** minimum of **Grade C** in Additional Mathematic at SPM level; **OR**

- Minimum of **Grade C+ (2.33)** at Matriculation/Foundation in Mathematic subject; **and** minimum of **Grade C** in Additional Mathematic at SPM level; **OR**

- Diploma in Science and Technology field with minimum **CGPA 2.5**; AND minimum of Grade C in Additional Mathematic at SPM level; **or** those who did not get minimum of Grade C in Additional Mathematic at SPM level or those who did not take the subject, they have to get at least Grade C in mathematic subjects at Diploma level which are equivalent to Additional Mathematic subject;

- **AND**, minimum of **Band 2** in **Malaysian University English Test (MUET).**

SERVICES & FACILITIES

Robotic Lab

Main Hall

Lecture Room

Student Lounge

Wi Fi Putra Hotspot (Powered By iDEC)

✔ Teaching Labs
✔ Cafeteria
✔ Priting kiosk

FEE

Fee rate is depending on location of student accommodation:

Accommodation	Fee (RM)
College 1-11, 13, 17 & 18, Sri Rajang	2,397.00
College 12, 14, 15 & 16	2,425.00

CONTACT US

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