



Murdoch University **BACHELOR OF INFORMATION TECHNOLOGY (3+0)**

KPT/JPS(N/0614/6/0004)(MQA/PA16714)08/28

with a double major in
**Cyber Security and Forensics, and
Business Information Systems**

WELCOME MESSAGE FROM THE PRO VICE CHANCELLOR

Dear students,

Welcome to Murdoch University in Malaysia!

As you start this exciting new chapter with us and our partner, UCSI College, I want you to know that we are here to support you every step of the way.

At Murdoch University, we are committed to providing a world-class education that nurtures both your intellectual and personal growth. Our campus is a melting pot of diverse backgrounds and ideas, and we believe this is the perfect environment to spark your creativity, encourage teamwork and help you develop a global mindset. These skills will set you up for success in today's rapidly changing world.

We understand that transitioning into university life can both be thrilling and a bit daunting. That is why we have dedicated a range of support services ready to assist you whenever you need them. From academic advising and tutoring to mental health resources and career counselling, Murdoch University and UCSI College are here to help you navigate any obstacles you may encounter. We encourage you to take full advantage of these services.

As you begin this new chapter, I encourage you to dive in headfirst and make the most of everything Murdoch University has to offer. Engage with your professors, participate in extracurricular activities and forge lasting friendships with your classmates. These experiences will not only enrich your time here but also lay the groundwork for a lifetime of learning and career success.

On behalf of the entire Murdoch University community, I wish you all the best in your studies and look forward to celebrating your achievements in the years to come.

Best wishes,

Professor Peter Waring
Pro Vice Chancellor

*Transnational Education and Singapore Dean
at Murdoch University*



MURDOCH AT UCSI COLLEGE AT A GLANCE

Since its establishment in 1973, Murdoch University, located in Perth, Australia, has earned a reputation for the significant impact made by its graduates, research, and innovations both within Australia and globally.

As part of its mission to provide high-quality education at an affordable cost, UCSI College has partnered with Murdoch University to offer the 3+0 Bachelor of Information Technology programme. This collaboration allows students to pursue a double major in Cyber Security and Forensics, and Business Information Systems, gaining in-depth expertise in these two highly relevant fields.

The programme's structure enables students to complete their entire degree at UCSI College in Kuala Lumpur, Malaysia, without the need to transfer to Murdoch University's campus in Australia.



Five-star rating

In the QS Stars Assessment 2024 for various categories including teaching, employability, learning, facilities and inclusiveness



Industry experience

Our partnerships help you gain practical experience and complete projects that contribute to your degree



World-leading research

15 research areas rated 'above world standard' by the Australian Research Council



World's best academic building

Establishment of the award-winning Boola Katitjin in Perth gives students the groundbreaking learning experience

INTRODUCTION: BACHELOR OF INFORMATION TECHNOLOGY

Designed by world-class academics in close consultation with industry advisors, the Bachelor of Information Technology programme offers you an excellent step toward launching your career in relevant computing fields.

In this course, you will learn to solve complex real-world IT problems and explore the theory, methods, and systems used in the information technology industry, from mobile apps and virtual reality, artificial intelligence and machine learning, to practical software engineering, corporate website architecture and global information systems.

You will specialise in two areas of study: Cyber Security and Forensics, and Business Information Systems, allowing you to obtain a double major in this bachelor's degree.

The programme can be entirely completed at UCSI College in Kuala Lumpur, Malaysia.



Sample certificate

Cyber Security and Forensics

Increasingly, government and corporate organisations need to identify information security risks and interdependencies between business functions. Escalating security threats to organisations' information assets and increasing needs for organisations to comply with governance of information management have resulted in organisations requiring well-trained ICT professionals capable of addressing three key issues: managing information, protecting information and forensic investigation of information security incidents. Graduates of this major will be well suited to meet these important industry demands.

Business Information Systems

Information Systems is the study of information generation, communication, storage and application in the context of organised human activity. The increasing penetration of information technology into everyday organisational activity means that professionals in many areas, from management to engineering, increasingly need an understanding of information systems. The contribution of information systems to the functioning of organisations, the design and management of such systems and the development of systems to assist in other professional roles is emphasised in the Business Information Systems major.

Duration: **3 years**

Intakes: **January, May and September**

Career Opportunities:

Software developer | Programmer | Data analyst | Software engineer | Ethical hacker | Network and security specialist | Cyber security analyst | Business analyst | System analyst | Database administrator | Project manager

BACHELOR OF INFORMATION TECHNOLOGY

with a double major in **Cyber Security and Forensics, and Business Information Systems**

MODULES

Year 1 (UCSI)*

- Discrete Mathematics
- Database Design Concepts
- Object-oriented System Analysis and Design
- Data Structure and Algorithms
- Networking Technologies
- Information Technology and Computer Systems
- Introduction to Business
- English for Business
- Business Skills for E-Commerce
- Business Statistics

MPU Subjects:

- Bahasa Melayu Komunikasi 2 / Penghayatan Etika dan Peradaban
- Philosophy and Current Issues
- Bahasa Kebangsaan A / Workplace Communication
- Kursus Integriti dan Antirasuah
- Introduction to the Malaysian Constitution

Year 3 (Murdoch)

- Cyber Forensics and Incident Response
- Security Architecture and Controls
- Information Security Policy and Governance
- IT Professional Practice Project
- Elective 2
- Elective 3
- Elective 4

Notes:

- *Students will be awarded an exemption of Murdoch's Year 1 modules after completing UCSI's Year 1 modules.
- ^Students will be awarded a second major in Business Information Systems after completing these electives.
- All modules are subject to change

Year 2 (Murdoch)

- Consulting and Freelancing
- Introduction to Server Environments and Architectures
- Introduction to ICT Research Methods
- System Analysis and Design
- Databases
- Ethical Hacking and Software Security
- Information Technology Project Management
- Building Employability Skills
- Elective 1

MPU Subjects:

- Green Business

Industrial Exposure

- Industrial Placement

Electives*

- Information System Management[^]
- Business Intelligence Application Development[^]
- Advanced Business Analysis and Design[^]
- Enterprise Architectures[^]

ENTRY REQUIREMENTS

UCSI College Foundation in Science/Business/Matriculation	CGPA of 2.00 and a credit in Mathematics at SPM Level or its equivalent (Subject to approval by Murdoch University)
A-Levels/STPM	Aggregate of 6 points from a maximum of the best 2 or 3 subjects and a credit in Mathematics at SPM level or its equivalent (A*=6, A=5, B=4, C=3, D=2, E=1)
SACE International	ATAR 70 in 5 subjects including a Mathematics subject
Diploma in Information Technology or Diploma in Information Systems or other IT-relevant diploma programmes	CGPA of 2.50 (Direct entry to Year 2, subject to approval)
Unified Chinese Examination (UEC)	A total of 20 points or lower from the best 5 academic subjects
Other qualifications	Other comparable qualifications assessed on a case-by-case basis, recognised by the Malaysian Government, and approved by Murdoch University

English requirement: Overall 6.0 (Academic) with no individual bands below 6.0 in IELTS or Credit in O-Level English (1119) or Grade A in SPM English or its equivalent.

WHY STUDY MURDOCH AT UCSI COLLEGE?

The partnership between Murdoch University and UCSI College offers a unique opportunity for students in Malaysia to receive a high-quality Australian education at an affordable cost. Murdoch University, an award-winning Australian institution, is renowned for its academic excellence. Combined with UCSI College's prestigious six-star MyQuest rating, this collaboration provides students with exceptional learning experiences and comprehensive student development. By being part of both institutions, students truly enjoy the best of both worlds.

As a Murdoch student at UCSI College:

Licensed software access

You will have access to a range of licensed software available at Murdoch University, including:

- Amazon Web Services Educate
- Microsoft Azure Dev Tools for Teaching
- Microsoft Azure for Students
- Oracle Academy
- VMware Academy

Studiosity

Enjoy free access to Studiosity, a paid service that helps students clarify assignment questions, start assignments, and receive feedback on drafts.

This service is available 24/7, ensuring you get the support you need whenever you need it.

eLibrary and eResources

Gain access to Murdoch University's extensive e-library and e-resources, providing you with a wealth of information and research materials.

IT professional certification

You can choose from a variety of IT-relevant professional certifications awarded by UCSI College's Open and Distance Learning (ODL) partners, such as:

- AWS
- Microsoft
- CompTIA



Peer-Assisted Study Sessions (PASS)

Take advantage of Peer-Assisted Study Sessions (PASS), a free and voluntary academic assistance programme that uses peer-led study groups to help you succeed in specific courses.

Interactive workshops

Participate in interactive workshops conducted by Murdoch University to develop essential academic skills.

Topics covered include:

- Academic writing and reading
- Effective presentations
- Exam preparation
- Performance anxiety management



DISCOVER MURDOCH CAMPUSES

Murdoch University in Australia is proud to host one of the world's most innovative academic buildings. Our Boola Katitjin building, which means 'lots of learning,' is designed with students at its core. It features cutting-edge Australian-first technology and an inclusive, sustainable design that follows the biophilic principle, connecting occupants to nature.



Seamless transfer options for UCSI College students

Murdoch University offers UCSI College students in Kuala Lumpur a unique opportunity to broaden their educational horizons. Instead of completing their entire programme at UCSI College, students can transfer to Murdoch University campuses in Perth, Singapore, or Dubai.

This flexible 1+2 or 2+1 arrangement allows students to experience diverse cultures and educational environments while completing their studies.



Murdoch University in Singapore



Murdoch University in Dubai



APPLY NOW AND SUCCEED WITH US!

LOCATION MAP



FREE UCSI SHUTTLE BUS SERVICE

ROUTE

(EMBARKS FROM UCSI UNIVERSITY)

UCSI UNIVERSITY › UCSI COLLEGE
 BANDAR TASIK SELATAN LRT STATION ›
 UCSI COLLEGE › UCSI UNIVERSITY



UCSI College Sdn Bhd [199801007099 (463226-T)]

UCSI College Kuala Lumpur Campus DK158(W)

Wisma UCSI, Lot 39890, Jalan Cerdas, Taman Connaught, 56000 Cheras, Wilayah Persekutuan Kuala Lumpur.

Telephone: 03-90782033 | Fax: 03-90782032 | WhatsApp: 011-35308837

Email: enquiry@ucsicollege.edu.my | Find us at [f](#) [x](#) [i](#) [t](#) [d](#) [in](#) [ucsicollege](#)

ucsicollege.edu.my