Bachelor of Science (Double Major)

- Business Information Systems and Computer Science
- Business Information Systems and Management
- Business Information Systems and Web Communication
- Computer Science and Management
- Cyber Forensics and Information Security and Business Information Systems
- Cyber Forensics and Information Security and Computer Science
- Cyber Forensics and Information Security and Management

Bachelor of Science

- Business Information Systems
- Computer Science
- Cyber Forensics and Information Security

Murdoch UNIVERSITY
PERTH WESTERN AUSTRALIA

Part-time Programmes

- Ranked in the **World's Top 100** Universities under 50 years old
  (Times Higher Education 2016 – Top 150 global universities under 50 years old)
- Professionally recognised by Australian Computer Society
- Awarded with a full degree transcript, giving you a competitive edge in the job market
- Flexibility to plan your study schedule at your own pace

KAPLAN HIGHER EDUCATION INSTITUTE

THE DEANS' MESSAGE

Associate Professor Peter Waring
Singapore Dean
Murdoch University

Murdoch University is an internationally recognised institution, at which you can expect to receive a quality education within an engaging and caring environment. We are committed to excellence in teaching and research within an international context. Murdoch provides the perfect opportunity to continue your education and take the next step on a path of lifelong learning.

As part of Murdoch's commitment to teaching in Singapore, we have established a dedicated office that employs full-time academics in a range of disciplines. This is a unique resource to support students doing our programmes through Kaplan. They are here to provide important advice to students about their coursework, academic integrity and making the right decisions about their progress through their degree.

Professor Bogdan Dlugogorski
Dean
School of Engineering and
Information Technology

The School of Engineering and Information Technology at Murdoch University recognises that the information technology industry is dynamic and rapidly evolving. As such, it updates its curriculum and programme offerings every year in consultation with leading IT industry representatives in order to provide students with the most up-to-date skills. The School is also aware of the importance of effective communication skills and is committed to providing its students with the ability to translate and convey their knowledge to a range of IT stakeholders. It also provides opportunities to apply their skills to real organisational situations through participation in industry relevant projects.

ABOUT KAPLAN IN SINGAPORE

Kaplan in Singapore is part of Kaplan Inc., one of the world's most diverse education providers and is the largest subsidiary of Graham Holdings, formerly The Washington Post Company. Its three entities in Singapore, namely Kaplan Higher Education Academy, Kaplan Higher Education Institute and Kaplan Learning Institute (comprising Kaplan Financial and Kaplan Professional) serve more than 30,000 learners from across 30 countries worldwide and it is the only education provider in Singapore to be awarded the 4-year EduTrust certification for all three of them.

Registered with the Committee for Private Education (CPE), part of SkillsFuture Singapore (SSG)

Kaplan Higher Education Academy	Kaplan Higher Education Institute	Kaplan Learning Institute
edutrust SINGAPORE	edutrust SINGAPORE	edutrust SINGAPORE
Cert No. : EDU-2-2023 Validity : 20/07/2015 - 19/07/2019 UEN 199409389H Validity: 20/05/2014 to 19/05/2018	Cert No. : EDU-2-2075 Validity : 04/03/2016 - 03/03/2020 UEN 198600044N Validity: 17/08/2014 to 16/08/2018	Cert No. : EDU-2-2022 Validity : 19/07/2015 - 18/07/2019 UEN 199701260K Validity: 20/05/2014 to 19/05/2018

JobsCentral Learning, Training & Education Development Awards 2016

JobsCentral Learning T.E.D. AWARDS 2016 ★ BEST ★ Private Education Institution

Best Private Education Institution
Awarded to Kaplan Higher Education Academy for Computer Science & IT and Communications & Media

Awarded to Kaplan Higher Education Institute for Business Management and Marketing

JobsCentral Learning T.E.D. AWARDS 2016 ★ BEST ★ Corporate Training Provider

Best Corporate Training Provider
Awarded to Kaplan Learning Institute for Computer Science & IT, Finance Management and Leadership

PEOPLE'S CHOICE TOP3

AsiaOne People's Choice Awards
Voted consistently the Top 3 "Best Private Institute" from 2013 to 2016

hrmasia Readers Choice 2016

HRM Asia Readers' Choice Awards 2016
Voted "Best Corporate Learning & Development Provider" for Kaplan Professional, part of Kaplan Learning Institute

KAPLAN HIGHER EDUCATION INSTITUTE

Today, thousands of students are enrolled into Kaplan Higher Education Institute in Singapore, pursuing part-time programmes that range from Diplomas to Bachelor's and Master's Degrees.

Through strategic collaborations with prestigious universities from Australia, Ireland and the UK, Kaplan offers career-oriented academic programmes designed to provide students with skills necessary to qualify them for employment and to meet the demands of the industry.

Disciplines available:

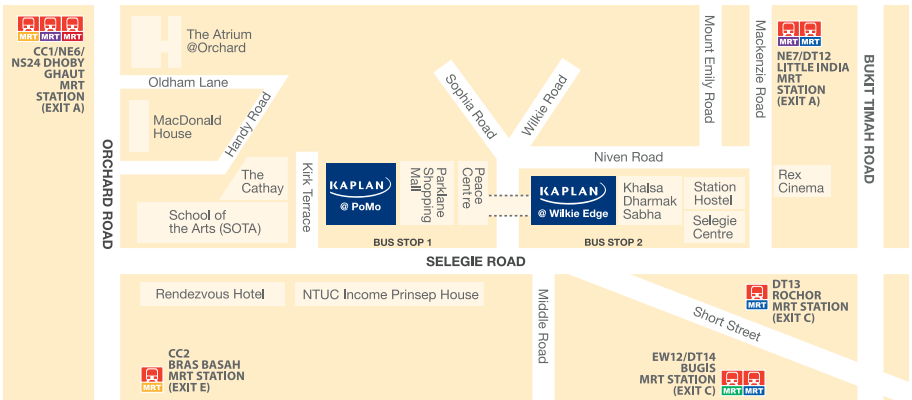
- Accounting & Finance
- Business & Management
- Communication & Media
- Engineering
- Hospitality & Tourism Management
- Humanities & Social Sciences
- Information Technology
- Law
- Nursing & Allied Health

CHOOSE FROM OVER **200** DEGREE PROGRAMMES

HEART OF THE CITY NEAR **5** MRT STATIONS

DIRECT ENTRY* TO **2**ND YEAR FOR DIPLOMA GRADS

EASY AND AFFORDABLE PAYMENTS#



Kaplan City Campuses Location Map

Together, Kaplan Higher Education Academy and Kaplan Higher Education Institute form one of the largest private education institutions in Singapore, spanning more than 140,000 sqft across Kaplan City Campus @ Wilkie Edge and @ PoMo.

The campuses are located in the heart of the city, all within walking distances from 5 MRT stations across major train lines.

All our campuses are strategically located to provide students with convenience and conducive study environments, including state-of-the-art classrooms and computer laboratories, WIFI access, student lounges, well-resourced library and food & beverage outlets on campus.

*Subject to meeting entry requirements. #Terms and Conditions apply. Subject to bank's approval.

MURDOCH UNIVERSITY

Murdoch University

Murdoch University is one of Australia's leading universities and is a progressive, dynamic and modern institution with an international reputation for quality teaching and research.

Murdoch University has more than 23,000 students including 2,000 overseas students from over 120 countries studying in Perth, and another 8,000 studying offshore.

Murdoch University prides itself on having dynamic staff, state-of-the-art facilities, exceptional student services and a wide range of undergraduate, postgraduate and research programmes.

Murdoch University is a proud member of the Innovative Research Universities Group of Australia, a network of comprehensive universities conducting research of national and international standing – more than two thirds of our assessed research outputs are at or above world standard. Our academics are pioneers of research in their fields, engaging with significant social and scientific challenges for positive impact and advancement in knowledge. In line with our commitment to research-led teaching and evidence-based practice, our students work alongside specialists to tackle the most critical global issues.

As a prestigious, forward thinking university with an international reputation and a wealth of expertise, Murdoch University is definitely your choice for a world-class degree.

Professional Accreditations, Recognitions & Memberships

- **Association of Chartered Certified Accountants (ACCA)**
- **Australian Computer Society (ACS)**
- **Australian Human Resources Institute (AHRI)**
- **Australian Marketing Institute** (Professional Membership)[3]
- **Australian Psychology Accreditation Council (APAC)**
- **Australian Psychological Society (APS)**
- **Chartered Accountants of Australia and New Zealand (CAANZ)**
- **Council for Australasian Tourism and Hospitality Education (CAUTHE)** (Membership)
- **CPA Australia** (Associate Membership & Enrolment in the CPA Programme)
- **Financial Services Institute of Australasia (FINSIA)**[1]
- **Institute of Public Accountants (IPA)** (Associate Membership)
- **Institute of Singapore Chartered Accountants (ISCA)**[4] (Associate Membership)
- **The Economics Society of Australia (ESA)**[2]

[1] Associate membership is available to anyone holding a degree, or, equivalent, and has three years of work experience within the financial services industry.

[2] Professional membership is available to anyone holding an economics degree, or equivalent, and has at least three years of experience as a practising economist.

[3] Professional membership is available to holders of recognised tertiary (or degree) qualifications in marketing who have started an active career in marketing or those with significant practical marketing experience.

[4] Associate membership is available to applicants who have completed an accounting degree or an equivalent accounting qualification

Why Choose Murdoch University?

- Ranked in the **World's Top 100** Universities under 50 years old
  (Times Higher Education 2016 - Top 150 global universities under 50 years old)
- Ranked in the **World's Top 100** most international universities
  (Times Higher Education World University Rankings 2015/16)
- Murdoch University is recognised by the Australian government. Candidates with a degree from a University accredited by the home government of the country may be considered for appointment into the **Singapore Public Service**
  Source: http://cricos.education.gov.au/Institution/InstitutionDetails.aspx?ProviderCode=00125J
  PSD Source: http://www.ifaq.gov.sg/PSD/apps/fcd_faqmain.aspx#FAQ_186707
- Murdoch University is in the **Ministry of Manpower** (MOM) accepted institutions list
  Source: http://www.mom.gov.sg/passes-and-permits/training-employment-pass/list-of-acceptable-institutions#/
  (Applicable only to foreign student applying for work pass)
- Murdoch University is listed as one of the approved universities (Law Degree) eligible for admission to the Singapore Bar by **Singapore Ministry of Law**
  Source: https://www.mlaw.gov.sg/content/minlaw/en/practising-as-a-lawyer/approved-universities.html
  (Applicable only to on-campus students)
- One of the few universities in Australia to be awarded the Top 5-star rating for the resource available to postgraduate students by the **Council of Australian Postgraduate Associations** (CAPA 2010)
  Source:http://www.capa.edu.au/wp-content/uploads/2015/09/2010-minimum_resources_full.pdf
- Member of **The Association of Commonwealth Universities** (ACU)
- The university's research was ranked "well above world standard" in the areas of physical chemistry, agricultural biotechnology, clinical sciences and medical microbiology
  (ERA 2015)

ABOUT THE PROGRAMME

About the Programme

- Classes will be held regularly with full academic support given throughout the duration of your programme.
- The Dean from Murdoch University is based in Singapore to oversee the academic aspects of the programmes and to ensure a high standard of academic delivery here. This is an exclusive arrangement by Murdoch University.
- Flexibility to plan your own timetable to suit your busy schedule.
- One of the few universities awarding a full degree transcript, giving you a competitive edge in the job market.
- We have a strong record of producing Vice Chancellor's Academic Excellence Award Winners (Top 2% of the cohort) year after year.
- Students have the option to enrol in either single or double majors.
- Our smaller classes with a maximum of 50 students ensure a supportive learning environment with more personal attention given to each student.
- The degree will be the same as that awarded to on-campus graduates in Australia.

Web Communication

Web Communication combines an exciting mix of web design, digital marketing and public relations. Students will learn how to design and develop strategies for web communication campaigns using a range of digital media including social media, websites, mobile technology, games, video and online news media. Students will learn all about conveying information and ideas using networks such as Facebook, Twitter and YouTube, powerful search engines such as Google and Yahoo and well-designed and written websites and blogs to deliver creatively planned strategic outcomes for organisations.

Graduates will be able to undertake a range of creative production and strategic roles such as web communications specialist, online PR and marketing consultant, SEO strategist, web-content strategist, e-commerce specialist, web producer, e-marketer, web studio account manager and social media strategist, just to name a few.

Management

Management refers to the process of employing resources to achieve organisational goals and customer needs. The study of management explores a wide range of relevant issues, theories and perspectives to better prepare people to understand the complexities and responsibilities of managerial life in the 21st century.

Cyber Forensics and Information Security

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.

Graduates may expect to take up appointments in a broad range of employment areas, including Computer Information Consultant, Computer Intelligence Officer, Computer Support Officer, Cyber Forensic Investigator, Database Developer/ Administrator, Forensic Auditor, Help Desk Officer, Internet Security Officer, IT Consultant, Systems Administrator and Systems/Business Analyst.

Computer Science

The Computer Science major is designed to provide students with a thorough understanding of the theory, methods and systems used by the information technology industry. Required units cover the major areas of software development, computer technology, systems applications and software engineering. Excellent career opportunities exist for Computer Science graduates in business, industry and government as programmers, systems analysts, database administrators, software architects, computer systems and network managers, user support officers and software engineers.

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 degree.

Graduates typically find employment as business analysts. Graduates combining Business Information Systems with another major will experience enhanced employment prospects in that area.

PROGRAMME STRUCTURE & CONTENT

Learning Cycle

Students will attend a combination of lectures, tutorials and workshops in this programme. Students have the flexibility to plan their study schedule. Classes are conducted on weekday evenings or weekends to suit the busy schedules of students enrolled in this programme. Each unit is supported with 24 contact hours.

Week 1 to 12
Classes 2 times per week

Week 13
Study Break

Week 14
Assessment Period for Final Examinations

NEXT TRIMESTER

This programme is supported via internet access to Murdoch University's online library & resources and faculty visits.

PROGRAMME STRUCTURE & CONTENT

On graduation, our students will acquire a broad set of knowledge and skills that will make them highly employable across a wide range of fields.

Double Major

- Students with Polytechnic Diplomas, Kaplan Diplomas or Murdoch University-recognised Private Diplomas will be given exemptions and may gain entry to Year 2 of the programme. They can complete the programme in 16 months/ 20 months[#] instead of 28 months.
- Students are required to complete all the specified units that are applicable to the chosen two majors listed below.

In addition, students have to complete the following common units:

- Introduction to ICT Research Methods
- Applied Research Skills in ICT
- Creativity and Innovation

Computer Science[@]

- Principles of Computer Science
- Data Structures and Abstractions*
- Databases*
- Systems Analysis and Design*
- Software Architectures*
- Operating Systems and Systems Programming*
- Intelligent Systems*
- IT Professional Practice Project*

Cyber Forensics and Information Security

- Databases*
- Systems Analysis and Design*
- Computer Security
- Cyber Forensics and Information Technology
- Security Architectures and Systems Administration
- Information Security Policy and Governance
- IT Professional Practice Project*

Business Information Systems

- Databases*
- Systems Analysis and Design*
- Advanced Business Analysis and Design*
- Information Systems Management*
- Enterprise Architectures*
- Business Intelligence Application Development*
- IT Professional Practice Project*

*Units common to both majors need to be taken only once. Students may be required to complete one or more general electives.

[#]Students can complete the double major programmes in 16 months except Bachelor of Science in Cyber Forensics and Information Security and Management, Bachelor of Science in Business Information Systems and Management and Bachelor of Science in Computer Science and Management which can be completed in 20 months.

Students taking Computer Science major may need to complete Year 1 unit Principles of Computer Science if they are not given exemption for the unit.

The Year 1 unit outline can be found on Murdoch University handbook: http://handbook.murdoch.edu.au/

Business Information Systems

- Databases*
- Systems Analysis and Design*
- Advanced Business Analysis and Design*
- Information Systems Management*
- Enterprise Architectures*
- Business Intelligence Application Development*
- IT Professional Practice Project*

Management

- Organisational Theory and Behaviour
- Workplace Law
- Organisation Development and Change
- Strategic Management
- Knowledge Management
- Business Analytics and Decision Making

Computer Science

- Principles of Computer Science
- Data Structures and Abstractions*
- Databases*
- Systems Analysis and Design*
- Software Architectures*
- Operating Systems and Systems Programming*
- Intelligent Systems*
- IT Professional Practice Project*

Web Communication

- Screen: Small, Medium and Large
- Web Strategy
- Web Design
- Business of Freelancing
- Web Communication Project
- Web Metrics

Management

- Organisational Theory and Behaviour
- Workplace Law
- Organisation Development and Change
- Strategic Management
- Knowledge Management
- Business Analytics and Decision Making

PROGRAMME STRUCTURE & CONTENT

Single Major

- Students with Polytechnic Diplomas will be given exemptions and may gain entry to Year 2 of the programme. They can complete the programme in 16 months instead of 28 months.
- Students are required to complete all the specified units that are applicable to one of the chosen majors listed and two general electives.

In addition, students have to complete the following common units:

- Introduction to ICT Research Methods
- Applied Research Skills in ICT
- Creativity and Innovation

Testimonial

"I chose this degree because it is one of the few universities offering double major in Cyber Forensics. This programme is practical-based as my project allowed me to experience the whole process of solving a crime case using the various security tools.

Unlike many other universities, Murdoch University offers a conducive learning environment with small class sizes and students are able to receive individual attention from the lecturers. I attribute this to my success of achieving the Top 2% Vice Chancellor Commendation Award. I graduated one month ago and I am now working as an IT Engineer with a leading IT service provider."

Lee Jia Hao
Cyber Forensics, Information Security & Management and Business Information Systems
Murdoch University, Top 2% Graduate (2015)

Assessment Methods

Units can be assessed by any combination of in-class participation, written assignments, individual/group project work, in-term tests and final examination. Some examinations may be held after office hours or on weekends. Assessment methods may vary according to individual unit requirements.

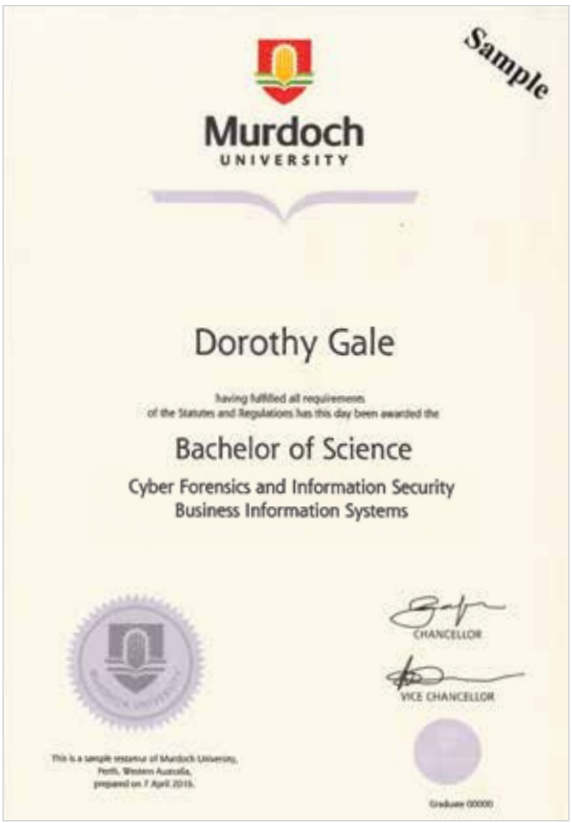
Programme Management

The Bachelor of Science programme is managed by a professional programme management team at Kaplan Higher Education Institute. The team ensures that in addition to classes, students will receive regular programme newsletters via email, academic support via email or other online resources and study notes. Programme managers will also provide assistance with scheduling, study group formation, Kaplan City Campus library membership, assignment and examination management, student liaison and organisation, and others.

Graduation & Recognition

Students who successfully complete the programme will be awarded the prestigious Bachelor of Science. The degree will be the same as that awarded to on-campus graduates in Australia. Graduates will be allowed to use the title Bachelor of Science (*Murdoch*) after their names.

Graduation ceremonies are held twice a year in Singapore and once a year in Perth. Graduates are encouraged to attend the degree convocation in Perth with their families whenever possible.



UNIT OUTLINE

Computer Science

Principles of Computer Science
This unit is designed to develop the skills of problem solving and program design using an Object Oriented programming language. Major topics include algorithm design, procedural abstractions, the use of libraries as collection of black-box code modules, the concepts of pre- and post-conditions, strings, arrays, introduction to object-oriented concepts including data abstraction, encapsulation, classes and object references, inheritance, introduction to recursion, streams and file input and output, the definition and use of common classes - lists, stack and queues.

Data Structures and Abstractions
This unit studies Abstract Data Structures (ADS) and the algorithms that operate upon them. ADS such as arrays, lists, two-dimensional structures, trees and graphs are studied along with various representations. ADS that utilise these structures are also covered. Complexity analysis is used as a thread throughout the unit. The programming language currently used in this unit is C++.

Databases
This unit provides an introduction to database design, implementation and management. Topics include data modelling, the relational model, SQL, logical and physical database design, database application design, transaction management, concurrency, recovery, security, database architectures, data administration and database administration. Theory is complemented by practical work by the use of common database management systems.

Systems Analysis and Design
This unit introduces methods and techniques for analysing problematic organisational situations, particularly those leading to the development of an information system, and draws on both technical and organisational materials to provide the knowledge and skills necessary to design and implement an operational system.

Software Architectures
The objectives of this unit are to study alternative software architectures and their implications for software design. Major topics include pipe-filter architecture and regular expressions, client-server architecture, batch versus run-time validation design, object-oriented design and UML, dynamic binding and inheritance, event-based architecture, finite state machines and GUI design, Petri Nets, multithreading and synchronisation, layered architectures, design patterns and other architectures. The Java programming language will be used to demonstrate implementations.

Operating Systems and Systems Programming
This unit aims to provide an understanding of the design and implementation of modern operating systems and how they provide an interface to the computer hardware resources. It also covers the use of operating systems service routines to construct efficient systems programmes. Topics include process management, memory management, mechanisms for interprocess communications, file systems and protections, network programming using sockets and the UNIX system call interface.

Intelligent Systems
This unit offers an introduction to the fundamental concepts and techniques of artificial intelligence focusing on expert systems to solve engineering problems, data mining, data analysis for industries and intelligent agents in computer games. Topics include introduction to artificial intelligence and applications, introduction to game AI, rule based expert systems, neural computing, fuzzy logic, genetic algorithms, intelligent agents, state machines and methods of evaluating these technologies.

IT Professional Practice Project
Students in this team-based unit will use IT approaches to solve ‘real-world’ problems from a range of domains. Creation of relevant project deliverables will require students to build upon skills developed during their studies. Students will be expected to appreciate the interdisciplinary nature of their project and how the skills of team members from different IT majors are required to solve complex problems. Project management and communication with clients and other stakeholders in a professional manner will be emphasised.

Cyber Forensics and Information Security

Databases
This unit provides an introduction to database design, implementation and management. Topics include data modelling, the relational model, SQL, logical and physical database design, database application design, transaction management, concurrency, recovery, security, database architectures, data administration and database administration. Theory is complemented by practical work by the use of common database management systems.

Systems Analysis and Design
This unit introduces methods and techniques for analysing problematic organisational situations, particularly those leading to the development of an information system, and draws on both technical and organisational materials to provide the knowledge and skills necessary to design and implement an operational system.

Computer Security
This unit provides a strong understanding of security principles, linking these with their applications amongst real-world systems. There is an applied focus in the unit and practical sessions will enable students to develop skills in how to test for and exploit security vulnerabilities and ultimately recommend mitigation strategies. General topics include operating system security models, security vulnerabilities, security assessment and analysis, basic cryptography, network security and psychological and legal issues concerning security.

Cyber Forensics and Information Technology
This unit combines three separate disciplines: technology, law and forensic analysis that when combined, form the paradigm of cyber forensics. The unit offers an insight into the cyber forensic environment and looks at the preservation, location, selection, validation, and presentation stages of cyber forensic examination. Students undertake theoretical study as well as analysis of a crime scene simulation to combine theoretical and experiential knowledge.

Security Architectures and Systems Administration
This unit will consider the architecture and administration of a secure computing environment from several perspectives: that of the local machine, a networked computer system, and finally an organisational IT infrastructure. The unit provides an understanding of the hardware and software environment required to support security and mitigate risks, reviews models of system security, and reviews techniques to evaluate and measure system security. Throughout these areas, systems analysis tools and techniques will be introduced to support these security goals.

Information Security Policy and Governance
This unit covers the advanced study of Information Security Policy and Governance at an organisational level. Students will gain an understanding of standards and policies as well as international, national and local regulatory requirements governing organisational information technology systems. The unit will address relevant data protection legislation, industry best practices, risk management techniques and develop the necessary skills to evaluate and measure organisational compliance and to determine appropriate organisational strategy to best support the information security needs.

IT Professional Practice Project
Students in this team-based unit will use IT approaches to solve ‘real-world’ problems from a range of domains. Creation of relevant project deliverables will require students to build upon skills developed during their studies. Students will be expected to appreciate the interdisciplinary nature of their project and how the skills of team members from different IT majors are required to solve complex problems. Project management and communication with clients and other stakeholders in a professional manner will be emphasised.

UNIT OUTLINE

Business Information Systems

Databases
This unit provides an introduction to database design, implementation and management. Topics include data modelling, the relational model, SQL, logical and physical database design, database application design, transaction management, concurrency, recovery, security, database architectures, data administration and database administration. Theory is complemented by practical work by the use of common database management systems.

Systems Analysis and Design
This unit introduces methods and techniques for analysing problematic organisational situations, particularly those leading to the development of an information system, and draws on both technical and organisational materials to provide the knowledge and skills necessary to design and implement an operational system.

Advanced Business Analysis and Design
This unit extends the material learnt in Systems Analysis and Design with an emphasis on business process modelling. The concepts of business process modelling will be examined and the analytical tools that can be used to analyse, model and design business processes will be introduced. Agile system development methodologies will be contrasted with more formal approaches and the unified process life cycle model will be examined. Package evaluation and selection and global distributed development processes will also be covered.

Information Systems Management
This unit explores the acquisition, development and implementation of information systems and infrastructure that support the operational, administrative and strategic needs of organisations. Students will develop the ability to critically assess existing information technology infrastructures, emerging technologies and various IS governance frameworks. Sourcing options for the acquisition of information systems and technologies will be evaluated in the context of organisational needs. This unit prepares students for deeper study of information systems in their final year.

Enterprise Architectures
This unit builds on the concepts of information systems and their management to which students were introduced in Introduction to Information Systems and Information Systems Management, exploring them in more depth, particularly in the context of enterprise level IT solutions such as virtualisation, SOA and SaaS. Students will be exposed to more specific IT control and service management frameworks such as COBIT and ITIL. Concepts associated with green computing will be explored. Students will work collaboratively to create a virtual enterprise information technology architecture.

Business Intelligence Application Development
Business Intelligence (BI) has become a focus for organisations wishing to make more effective use of their data resources. This unit examines both the theoretical and practical aspects of BI, from discovery, inventory, extraction and transformation of data sources, through the common approaches to data analysis, to management reporting environments (MRE). The practical component of this unit will involve students creating a data warehouse and MRE, using a range of BI tools used in industry.

IT Professional Practice Project
Students in this team-based unit will use IT approaches to solve 'real-world' problems from a range of domains. Creation of relevant project deliverables will require students to build upon skills developed during their studies. Students will be expected to appreciate the interdisciplinary nature of their project and how the skills of team members from different IT majors are required to solve complex problems. Project management and communication with clients and other stakeholders in a professional manner will be emphasised.

Management

Organisational Theory and Behaviour
This unit provides a basic understanding of individual and group behaviour in organisations, as well as exploring some organisational theories and management processes. Topics include individual dimensions of behaviour – personality, perception and learning, communication and motivation, groups and interpersonal influence – structure, values, interaction and leadership and organisational issues such as structure, processes, design, decision-making, organisational change and development. Globalisation and sustainability are embedded into this unit as recurring themes.

Workplace Law
This unit examines the legal relationship between an employer and employee in Australia. It begins with a study of the individual contract of employment focusing on the common law rights and duties of employers and employees, and then proceeds to take an overview of relevant federal legislation. A particular interest is taken in the minimum standards, regulation of collective bargaining, industrial action, dismissal and work health and safety.

Organisation Development and Change
This unit aims to explore the choices organisations have for assisting employees to work effectively and adapt to change including the role human resource management plays in organisation development. Individual, team, HRM, and strategic concepts are linked to the strategies and processes organisations and individuals use to promote organisational citizenship throughout change. Students will develop practical skills for operating in organisations via management processes such as analysing organisational problems, organisation development interventions, managing meetings, facilitating group processes, problem solving, and managing projects.

Strategic Management
This is a capstone unit which is aimed at preparing students to think strategically, and to look at all the issues and problems affecting the strategic initiatives of an organisation, from a total corporate perspective. The unit provides a conceptual framework of corporate strategy and policy formulation, and integrates the key functional areas for business including, organisational learning, innovation, knowledge management, marketing, finance and human resource management for strategic decision-making.

Knowledge Management
The management of information and knowledge and its role in organisations are widely recognised as important elements contributing to international competitiveness in the new economy. This unit examines how the concepts of information and knowledge assist in the understanding of organisational processes, especially organisational learning. Topics examined include the origins and future of knowledge management, knowledge management and concepts, knowledge and organisational strategy, knowledge, IT and organisational systems, knowledge and learning in organisations, knowledge, innovation and value creation.

Business Analytics and Decision Making
This unit aims to help students understand how business theory can be practically applied so as to gain a better understanding of the wider business environment. It helps students assess a company's prospects and outlines the steps towards developing a strategic business plan. It offers students challenging but exciting opportunities to enhance their management skills.

UNIT OUTLINE

Web Communication

Screen: Small, Medium and Large
This unit will provide historical perspectives on the emergence of cinematic, domestic and mobile screens. It will introduce students to a range of approaches in the study of contemporary screen culture and visual literacy. The unit will also consider the convergence and divergence of media platforms, interfaces and content. This will include issues concerning participatory media, gamification, remediation of old and new media and the ongoing evolution of the web.

Web Strategy
This unit explores the theory and practice of online web communication strategy development and implementation. It provides some important principles for understanding the impact of new media on communications disciplines including public relations and marketing. In addition to learning about the use of technology to enhance offline communications strategies, students will learn how to develop campaign plans utilising web communication platforms such as websites, multimedia and social media for a variety of organisations.

Web Design
This unit provides students with a solid basis in the theory and practice of website design. It examines the application of visual communication and graphic design in web design. This unit also looks at web development, interaction design, user experience, content strategies and project management for the web.

Business of Freelancing
This unit focuses on the business and management of setting up and running a creative practice as a freelancer in an online environment. This will involve focusing on business fundamentals, taxation, contracts, estimating, budgets, grant writing and securing funding for freelancers.

Web Communication Project
This is a project-based unit allowing students to apply their theoretical learning to an authentic communication task in order to develop high-level communication management skills. Students may participate in a client or educator-led project under the supervision of an academic member of staff. Students may work individually or as a member of a team. The precise nature of the project and the assessment requirements are negotiated with the Unit Coordinator.

Web Metrics
This unit embraces the shift to online video distribution and focuses on theory and practice in this area. Activities and areas of study include mash-ups & remixing, viral video & online marketing with video, software & interface theory, medium theory, remediation, copyright & digital rights management issues, image quality & compression, spatial montage and more. Students who complete this unit will arm themselves with skills and knowledge to create and distribute in the vocation of online screen production.

Research and University Breadth Units

Introduction to ICT Research Methods

This unit provides an introduction to research in the information and communications technology (ICT) discipline. It explores the kinds of research questions addressed in ICT research, and provides an opportunity for students to understand the broad range of research approaches used in ICT research including: design research, experimental research, survey research, action research and case study research. Students will develop both research and project management skills and gain the knowledge and skills needed to critically evaluate the ICT research literature.

Applied Research Skills in ICT

This unit provides students with further experience in the approaches used in the practice of research in information and communications technology. Students undertake group research projects on areas related to their major and also gain project management experience in ensuring that the project is successfully completed. The unit is intended to deepen students' understanding of fundamental conceptual, methodological and implementation issues in ICT research. Presentation and communication of scientific results are also emphasised.

Creativity and Innovation

This unit will help students to develop knowledge and skills for finding creative solutions to problems and for successful innovation. Students will learn the benefits of adopting and applying diverse perspectives and problem-solving tools, especially within interdisciplinary teams, to find better ideas and products. Examples of creative and innovative thinking will be taken from a broad spectrum of disciplines, including science, engineering, the environment, media, ethics, business and indigenous culture.

FEE SCHEDULE & APPLICATION

Fee Schedule

Please refer to the insert for the information on:

- Tuition Fee
- Non-tuition Fee
- Refund Policy
- EduTrust Certification

For more information, please contact our programme consultant or email info.sg@kaplan.com

Entry Requirements & Application

The Bachelor of Science programme accepts a wide range of qualifications with advanced standing:

- Polytechnic Diploma
- Kaplan Diploma
- Private Diploma, Advanced Diploma or foreign qualifications will be assessed on a case-by-case basis
- In all cases, the final decision for admission to the programme rests with the University.

Applicants admitted to the programme may be required to undertake bridging units in order to fulfil the required prerequisite knowledge.

English requirement:

- Successful completion of an approved Diploma qualification or higher, where the language of instruction was English can be considered.
- International students are required to meet Murdoch University English language requirement. Please refer to http://www.murdoch.edu.au/_document/International-students/Murdoch_English_Entry_Requirements_Undergraduate.pdf

Applicants are required to complete the application by providing:

- Duly completed and signed application form
- List of qualifications, certificates and proof of official transcript from each institution attended (certified copy of the official transcript is acceptable)
- Photocopy of passport or identification card
- 1 passport-sized photograph
- Programme application fee

Please note that the application is not complete without all the items stated above.

As the programme involves regular use of internet, email and other online resources, students must possess a personal computer and have an internet connection to access materials electronically from the university and to participate in appropriate pedagogic interaction.

FEE SCHEDULE & APPLICATION

Admission to the Programme

Participants are selected on the basis of the unique qualities each will bring to the group as a whole. A blending of diverse backgrounds creates opportunities for participants to benefit from the experience and perspective of others.

Study Loans*

You can finance your programme fees through study loans with affordable monthly instalment payments.

Study loans are available with most banks and financial institutions. Interested candidates may contact:

Maybank	1800 629 2265	www.maybank.com.sg
OCBC Bank	1800 363 3333	www.ocbc.com.sg

*Only applicable for local students.

Selection

Applications are reviewed by Murdoch University's staff. Selection involves the consideration of:

- Motivation to undertake the Bachelor of Science programme and potential to benefit from the programme
- Suitability of work experience in particular the length, level and responsibilities of positions held (including current position)
- Quality of academic record

Although a formal selection interview is not part of the process, the selection panel may ask to meet with the potential candidate for clarification of issues relating to their application.

Closing Dates

Application Deadlines for each term intake are contained in the application forms. Usually, the university takes about 2 weeks to process each application. Therefore, it is advisable for potential students to apply for admission at least 2 weeks before the start of each intake.

Who to Contact

For enquiries on this programme, SMS **MUPTBRO32**<space> **Name** <space>**Email Address** to **8338 1333**.

By sending the code via SMS, you have given your consent to have a representative from Kaplan contact you regarding your request.

For other information on Murdoch University's programmes, please contact:

Telephone	:	6733 1877
Facsimile	:	6225 3605
Email Address	:	info.sg@kaplan.com
Kaplan Website	:	www.murdochatkaplan.com.sg
Murdoch Website	:	www.murdoch.edu.au

The full application package should be sent to:
Director, Murdoch University
Bachelor of Science Programmes
Kaplan Higher Education Institute
Kaplan City Campus @ Wilkie Edge
8 Wilkie Road, #02-01, Singapore 228095

PROGRAMME PATHWAY

Murdoch UNIVERSITY
PERTH WESTERN AUSTRALIA

• Master of Business Administration • Master of Human Resource Management
• Master of Professional Accounting

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List of All Bachelor's Degree Programmes Available

Bachelor of Business

- Accounting
  - Accounting and Banking
  - Accounting and Business Law
  - Accounting and Economics
  - Accounting and Finance
  - Accounting and Management
  - Accounting and Marketing
- Business Law
- Banking
  - Banking and Business Law
  - Banking and Finance
  - Banking and Management
  - Banking and Marketing
- Economics
  - Economics and Banking
  - Economics and Business Law
  - Economics and Finance
  - Economics and Management
  - Economics and Marketing
- Finance
  - Finance and Business Law
  - Finance and Management
  - Finance and Marketing
- Human Resource Management
  - Human Resource Management and Business Law
  - Human Resource Management and Management
  - Human Resource Management and Marketing
- Hospitality and Tourism Management
  - Hospitality and Tourism Management and Business Law
  - Hospitality and Tourism Management and Human Resource Management
  - Hospitality and Tourism Management and Management
  - Hospitality and Tourism Management and Marketing
  - Hospitality and Tourism Management and Public Relations
- International Business
  - International Business and Finance
  - International Business and Hospitality and Tourism Management
  - International Business and Human Resource Management
  - International Business and Management
  - International Business and Marketing
  - International Business and Web Communication
- Management
  - Management and Business Law
  - Management and International Business
  - Management and Marketing
- Marketing
  - Marketing and Business Law
  - Marketing and International Business
  - Marketing and Public Relations
  - Marketing and Web Communication

Bachelor of Arts

- Communication and Media Studies
  - Communication and Media Studies and Journalism
  - Communication and Media Studies and Marketing
  - Communication and Media Studies and Public Relations
  - Communication and Media Studies and Web Communication
- Journalism
  - Journalism and Communication and Media Studies
  - Journalism and Management
  - Journalism and Marketing
  - Journalism and Public Relations
  - Journalism and Web Communication
- Tourism and Events
  - Tourism and Events and Business Law
  - Tourism and Events and Communication and Media Studies
  - Tourism and Events and Hospitality and Tourism Management
  - Tourism and Events and Human Resource Management
  - Tourism and Events and Management
  - Tourism and Events and Marketing
  - Tourism and Events and Public Relations
  - Tourism and Events and Web Communication
- Psychology
  - Psychology and Communication and Media Studies
  - Psychology and Human Resource Management
  - Psychology and Management
  - Psychology and Marketing
  - Psychology and Web Communication
- Public Relations
  - Public Relations and Journalism
  - Public Relations and Management
  - Public Relations and Marketing
- Web Communication
  - Web Communication and Communication and Media Studies
  - Web Communication and Management
  - Web Communication and Marketing
  - Web Communication and Public Relations

Bachelor of Science

- Business Information Systems
  - Business Information Systems and Computer Science
  - Business Information Systems and Management
  - Business Information Systems and Web Communication
- Computer Science
  - Computer Science and Business Information Systems
  - Computer Science and Management
- Cyber Forensics and Information Security
  - Cyber Forensics and Information Security and Business Information Systems
  - Cyber Forensics and Information Security and Computer Science
  - Cyber Forensics and Information Security and Management

Murdoch University-recognised Private Diploma, Kaplan Diploma or Polytechnic Diploma graduates may gain direct entry to Year 2 of the Degree programmes

Kaplan City Campus @ Wilkie Edge 8 Wilkie Road Level 2, Singapore 228095
Kaplan City Campus @ PoMo 1 Selegie Road Level 6, Singapore 188306
6733 1877 info.sg@kaplan.com
KaplanSingapore kaplan.com.sg