

Business Information Systems and Computer Science

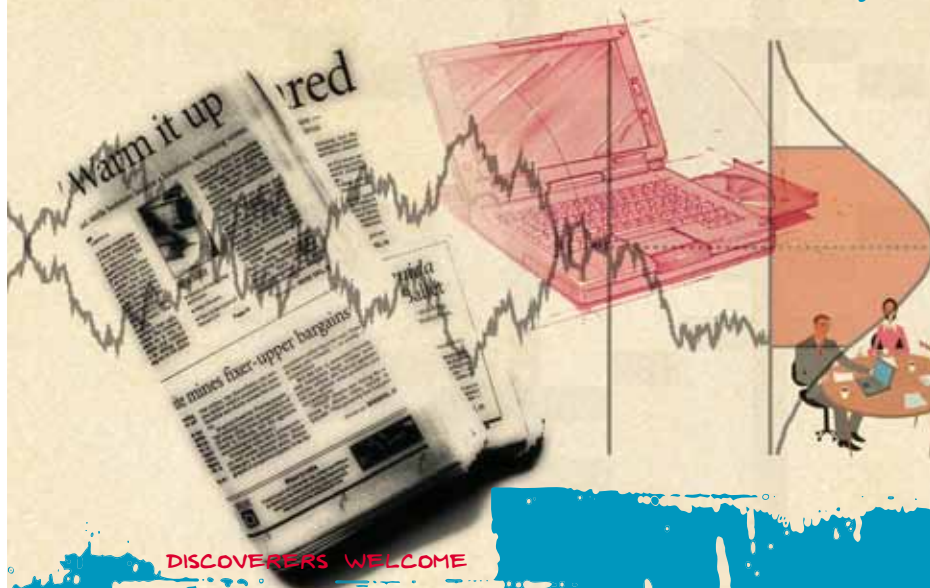
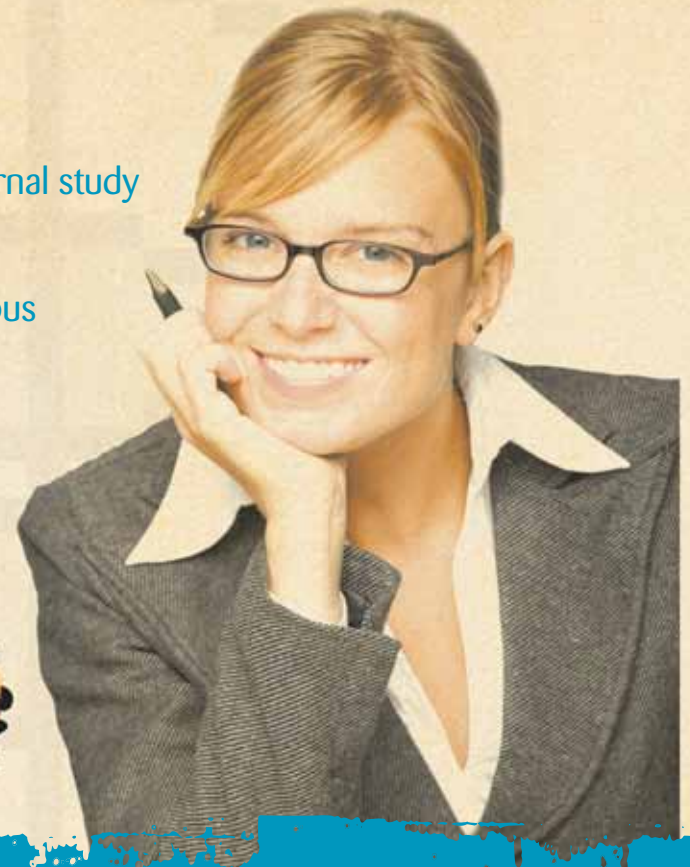
Double Major



Murdoch
UNIVERSITY

INTERNATIONAL STUDY CENTRE
DUBAI

- 3 years full time internal study
- Dubai International Academic City Campus



DISCOVERERS WELCOME

About Business Information Systems (BSc) and Computer Science (BSc)

Why Study a Double Major?

IT Professionals work in varied roles ranging from technical computing to organisational computing. Graduates of the Double Major in Business Information Systems and Computer Science double their opportunities of employment when entering the job market and significantly enhance their future professional potential by offering their prospective employers broad, flexible and applicable skills.

Business Information Systems

In today's world business information is increasingly complex with the growth of the Internet, sophisticated databases and other business software. Information Systems is the study of information generation, communication, storage, and application in the context of organised human activity.

In your Business Information Systems course you will acquire skills that will enable you to discover organisational information requirements, systems planning, analysis, design and development, web authoring, project management, and the design and management of databases and communications networks.

When you study Business Information Systems you will understand and be able to communicate how information systems are vital to the health of any organisation. You will be able to develop, design and manage such systems as a result of your creative problem solving, teamwork skills and professionalism.

Computer Science

Love computing? Get a kick out of troubleshooting glitches and software bugs? Want to be involved in the fast-paced, ever changing world of IT and be an expert in your field? Then this course is for you! Computer Science at Murdoch will give you a thorough understanding of the theory, methods and systems used in the computing industry. You will be fully trained in computer systems technology and software development with a strong focus on the application of computer and software systems for problem solving.

Further information on what you may wish to do once you've completed your degree is available online at www.murdochdubai.ac.ae under information regarding the Computer Science and Business Information Systems courses.

www.murdochdubai.ac.ae

Business Information Systems and Computer Science

Course structure

Year 1

Foundation unit

All first year students are required to take a foundation unit. These units are designed to provide you with the necessary skills for successful study at a university level.

Core units

You must take these units for a particular major to gain a specialisation in this area.

- Introduction to Computer Science
- Introduction to Data Communications
- Principles of Information Systems and Data Management
- Introduction to Multimedia and the Internet
- Principles of Computer Science
- Fundamentals of Computer Systems
- Computational Mathematics

Year 2 and 3

Core units

- Systems Analysis and Design
- Databases
- Advanced Business Analysis and Design
- Information Technology Project
- Business Intelligence Tools and Techniques
- Human-Computer Interaction
- Knowledge Management Techniques
- Data Structures and Abstractions
- Software Architectures
- Operating Systems and Systems Programming

General electives

Choose two units offered by the University, subject to individual unit prerequisites.

Further information

For detailed information on this course, please speak to our counsellors.

Want to know more?

Murdoch University International Study Centre Dubai

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★★★★★ Murdoch University is the only Australian University to have achieved a 5-star rating for Graduate Satisfaction 13 times in the past 15 years. (Good Universities Guide 2010)

Discover Murdoch Dubai: - closer than you think.



Bus transportation available. Please contact Student Services staff for more details.



15 minutes from the city by car.



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The information contained in this publication was correct as at 5 August 2010, but is subject to amendment without notice. The University reserves the right to cancel, without notice, any units or courses if the number of students enrolled in these falls below limits set by the University.

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