Welcome to Murdoch University

STEP
1 Accept Offer and Activate Account
2 Research Your Options
3 Complete Your Enrolment
4 Select Your Activities
5 Get Advice
6 Go To Orientation and Start Uni
7 Important Information and FAQs

APPENDICES
A Course Description & Structure
   Graduate Diploma in Computer Studies
   Graduate Diploma in Information Systems
   Postgraduate Certificate in Information Technology
   Postgraduate Diploma in Information Technology
   Postgraduate Diploma in Internetworking and Security
   Master of Network Management and Security
   Master of Science in Information Technology
   Doctor of Information Technology
B Personal Study Plan
C Program Chair & Academic Contact Details
D Enrolment Enquiries
E Handy Contacts and Websites
Welcome to Murdoch University

Congratulations on your offer of a place to study at Murdoch University. The details included in this booklet will assist you with accepting your offer, seeking advice on your enrolment options, choosing your units and completing your enrolment online. The 7 Steps below ensure that you have the basic information you need to navigate successfully through your first enrolment experience at Murdoch.

Students who are unable to access computer facilities due to exceptional circumstances are able to apply to receive their University correspondence via hardcopy. For further information please contact the External Studies Unit on 93602710.

- **STEP 1** Accept Offer and Activate Account
- **STEP 2** Research Your Options
- **STEP 3** Complete Your Enrolment
- **STEP 4** Select Your Activities
- **STEP 5** Get Advice
- **STEP 6** Go To Orientation and Start Uni
- **STEP 7** Important Information and FAQs
STEP 1
Accept Offer and Activate Account

☐ Go to the Murdoch Home page …
   … http://www.murdoch.edu.au/ and click on the “New students” link on the bottom left of your screen. This will take you to our New Students website.

☐ Select the Accept & Activate icon

☐ Read the instructions …
   … carefully for your offer type, then click on the “New students…walk this way” icon.

   You will need your Offer Letter (Domestic students) or Confirmation of Enrolment- eCOE (International students) as this contains your Student Number.

☐ Enter your Student Number

☐ Enter your Date of Birth …
   … in the format DD/MM/YYYY (eg 12/03/1985) and click the SUBMIT button.

☐ Now you can:
   ☐ Choose to Accept, Defer or Reject your offer (domestic students only)
   ☐ Set your Murdoch Password (all students)
   ☐ Set and confirm your email address (all students)
   ☐ Select your course as offered (domestic students only)

☐ Congratulations …
   … you have accepted your place as a Murdoch student and you are now ready to select your units and complete your enrolment!
**STEP 2**

**Research Your Options**

- **Read your Handbook Description and Course Structure (Appendix A)**
  The description will provide you with information about your course and any relevant specialisations. The structure of your course details the units you need to complete for your degree. It includes required prerequisites to help you plan the order of your units.

- **Choose your units ...**
  ...you want to enrol in for the current year by using the information you have reviewed above (Appendix A). You can find out about each unit in the Handbook online [http://handbook.murdoch.edu.au/units/](http://handbook.murdoch.edu.au/units/).

- **Check your Timetable**
  Generally you should find that the lectures for your core units and specified elective units will not clash, however some specified elective units may not fit into your timetable. If this happens you may need to choose another specified elective.

  You can check the timetable for the units you have chosen for your enrolment to make sure they are not timetabled to run at the same time.

  The quickest method of checking this is to refer to the online teaching timetable’s Nominated Units Enquiry website at: [http://www.murdoch.edu.au/admin/timetables/teaching/enquiry.html](http://www.murdoch.edu.au/admin/timetables/teaching/enquiry.html).

  Don’t panic if you are unsure of your choice of units. Do the best you can, and then seek help via:

  - **New Student website** [http://www.murdoch.edu.au/students/new/](http://www.murdoch.edu.au/students/new/) provides more details regarding the choices of units and enrolment in units via MyInfo.

  - **Your Postgraduate Coursework Advice Session** that will be held during Orientation Week where there will be staff available to answer your queries about your course. (see Step 5)

  - **Faculty Student Administration staff member.** You have been allocated a staff member to assist you with your enrolment queries regarding your chosen course, for contact details see Appendix D.

- **Now you are ready to enrol ...**
STEP 3

Complete Your Enrolment

Log in to MyMurdoch ...

... at [http://www.murdoch.edu.au/goto/MyMurdoch](http://www.murdoch.edu.au/goto/MyMurdoch) to access your portal to Murdoch’s online facilities using your Murdoch User Name (Student Number) and Murdoch Password (as per Step 1).

Click on MyInfo tab

Log in to MyInfo using your Murdoch User Name (Student Number) and Murdoch Password (as per Step 1). And yes, the University is working on this double log in process!

What is MyInfo? MyInfo is the University’s student self enrolment and management system. Within MyInfo you can manage your enrolment including unit selection, unit set (course and specialisations – if applicable) enrolment and activity signup. You can also update your personal details (home and postal addresses, email address etc).

☐ Go to Self Enrolment Steps

On the left menu, click on <Change Enrolment Details> and then <Self Enrolment Steps>. Read all of the information on this page and then scroll down to the <Self Enrolment Steps> heading. Work your way through each of the steps.

Icons are used to represent the status of each Self Enrolment Step. Each step has an explanation to the process so please read each one carefully.

☐ Disclaimer
☐ Services
☐ Government Statistics

☐ Course Completion Date

Keeps the university informed of when you expect to graduate, so please keep this up to date as it is very important.
Unit Sets (Course and Specialisation – if applicable)
You will need to have at least one Unit Set recorded as your Primary Unit Set. Your Primary Unit Set must relate to the course you are currently enrolled under.

What are Unit Sets? This is the name given to the Course and Specialisations (if applicable) by MyInfo, and often referred to as a Course. You must have at least one primary unit set on MyInfo that matches the course you were offered (e.g., Master of Arts in Public Policy, with Primary Unit set of MA-PUB-POL).

Units
This is where you enrol in your individual units. Use the Search function to find the unit you want. You can also just type in the unit code of the unit you wish to enrol in. Do one unit at a time and Save Changes after each unit added. Remember to enrol in all of your units for the year.

D = internal, X = external, S1 = Semester 1, S2 = Semester 2.
When you have successfully enrolled in a unit the ‘Status’ column will show ‘Enrolled’ and the background colour will change from grey to blue.

Remember to make sure you have your Pop-Up Blockers turned off when you are in MyInfo as it will affect your ability to save your units.

Commonwealth Assistance Form (Domestic Students only)
This is a Commonwealth Government requirement. To complete this you will need your Tax File Number (TFN). If you do not have your TFN handy or have not applied for one from the Australian Taxation Office yet you can come back to this step later, however this step must be completed by the Census Date to avoid having your course cancelled as per Commonwealth Government regulations.

Check your Current Enrolment Details
When you have enrolled in all units that you intend to take for the year you are encouraged to view your current enrolment from the <Current Enrolment Details> menu in MyInfo. Select <Course and Unit Details> and then click on the course code next to the <Units> heading. You will need to check that all of the units that you intend to take for the year are included.

Unit Status shows as ENROLLED!
Well done, you have enrolled in your units. Please be aware that your Course Status will remain as Inactive until semester begins.

If you have any trouble getting into or navigating your way around MyMurdoch or have a technical issue, check out the Help link or contact the IT Service Desk (itservicedesk@murdoch.edu.au, p: 93602000 or Level 2, North Wing, Library).
STEP 4
Select Your Activities

☐ Sign up for your Activities

What are Activities? Activities are the collective term used for lectures, tutorials, workshops, seminars and laboratories.

You will need to have completed your Unit Enrolment (Step 3) before you can sign up to the associated activities.

Log in to MyMurdoch and then MyInfo as per Step 3 (http://www.murdoch.edu.au/goto/MyMurdoch). On the left menu, click on <Change Enrolment Details> and then <Activity Sign Up>. Read all of the information as it will tell you when the Activity Sign Up function is open.

The system works on a first-in-first-served basis so you are advised to enrol in your activities as soon as possible.

Click on <Add or Change Activities>. Read all of the information and then scroll down to see your Unit enrolments and the available activities.

Although signing up to a Lecture activity may not be mandatory for all units, it is recommended that you do to highlight any possible clashes on your timetable. If your unit attempt status is ‘Invalid’, you will be unable to sign up for activities for that unit.

☐ Select Activities

Make your selections for the different activities. It is recommended that you start with all your lectures first and save. Then choose the other associated activities for each unit, saving as you go. Be sure you also note the start week for each activity as they may not all start from Week 1 of the teaching period.

☐ View Activities Timetable

Click on the MyUnits page of MyMurdoch to see all of your activities displayed on your Personal Calendar. Print this out for your diary.
STEP 5

Get Advice

Your Program Chair(s) will advise you on the requirements of your course and answer any unit selection and enrolment queries at your Postgraduate Course Advice session held before the start of the semester. This session will provide you with valuable information relating to your course, units and enrolment options and it is therefore essential that you attend.

For the full Orientation timetable see http://www.murdoch.edu.au/students/new/orientation.html.

☐ When and Where is your Postgraduate Coursework Advice Session?

When: Wednesday, July 30 at 6.00 pm
Where: Level 3, Library Learning Common
Who: All postgraduate students.

There are online maps of the three campuses for Murdoch at http://www.murdoch.edu.au/index/visitors/wherearewe#campuses. The maps will provide details of where the Postgraduate Coursework Advice session venue is.

If you are still unsure of your choice of units after you have read this booklet and you have attended the relevant Postgraduate Coursework Advice Session you can email or phone your Faculty Student Administration staff member (Appendix D) with details of your query.
STEP 6

Go To Orientation and Start Uni

The Orientation program has been designed to meet your specific needs as a new postgraduate student to Murdoch. This includes an introduction to key Murdoch University staff, the campus and to the facilities and services that are available to you.

You can check the full orientation timetable (http://www.murdoch.edu.au/students/new/orientation.html) for event and Postgraduate Coursework Advice Session details.

All students should attend Orientation to experience the helpful and friendly atmosphere at Murdoch.

☐ Things to do during Orientation Week:

☐ Attend your Postgraduate Coursework Advice Session
☐ Discover – All about Murdoch and what you should expect here.
☐ Support – Who can help you? Find out before you need it!
☐ Explore – Campus and Library tours. How not to get lost.
☐ Connect – Computer use on campus
☐ Succeed – How to be a successful student

and

☐ Meet the Student Guild and find out about their services
☐ Have your photo taken for your Student ID/Library Card
☐ Organise a parking permit (or avoid the queues and do it online at: http://www.oss.murdoch.edu.au/parking/)
☐ Join one of the many Murdoch Clubs & Societies
☐ Meet other students in your same course.
Important Information and FAQs

**Units – Which units do I need to do and how do I know that I have enrolled in the right units?** Your Course Structure (Appendix A) in this booklet shows you which are your required units. Details for other courses are available from the Faculty Student Administration website [http://www.murdoch.edu.au/fsa/](http://www.murdoch.edu.au/fsa/).

**Invalid Units – Why is my unit enrolment INVALID?** Beside the invalid unit, you will find a grey button labelled ‘Why is this Invalid?’ When you click on this button, a pop-up window will display the reason that the unit is invalid. If you still require help, print off or copy down this information before contacting your Faculty Student Administration staff member (Appendix D).

**Dissertation/Thesis/Project Units – Why can’t I enrol in them?** If your course requires enrolment in a Dissertation/Thesis/Project unit, you may not be able to self-enrol in that unit. As these units are usually taken over one or more semesters, we enrol you in proportional points to ensure the load is accurately reflected on your academic record. Please contact your Faculty Student Administration staff member for assistance (See Appendix D).

**Activities – How do I sign up & what do I do if they are full?** Use Step 4 to assist you with your Activity sign up within the MyInfo part of MyMurdoch. If your chosen Activity is full, there are three options available: review your whole timetable to check if you can change to another unit, consider doing a unit externally (if available), or contact the Unit Coordinator if you have exceptional circumstances. Unit Coordinator contact details can be found by entering the unit code in the search bar on the MyUnits page of MyMurdoch.

**Where can I find my credit and exemptions (Advanced Standing)?** If you have notified the University that you wish to be assessed for Advanced Standing (either on your application or via contact with the Accreditation Officer), your credit and exemptions will be shown on MyInfo part of MyMurdoch. Go to ‘Current Enrolment Details’, select `<Course and Unit Details>`, scroll down the list to `<Advanced Standing>` and click on course code next to this heading (eg M1006). Allow at least 10 working days from receipt by the University of your application and supporting documentation before this information will be available on your enrolment record. Should you have any queries regarding Advanced Standing you should contact the Accreditation Officer (see Appendix E).
Enrolment Deadlines – Internal and External units. You will be expected to enrol in all your units for the current year as soon as possible. The last date to add a unit is the Friday of Week 1 of the teaching period. For external units, the mail-out of unit materials will commence two weeks prior to the start of each teaching period, so you should enrol in your external units as soon as possible. If you enrol in an external unit after the initial mail-out you should allow up to 10 days from the date you enrolled to receive your materials.

University Regulations and Rules Students should ensure they are familiar with the University’s internal legislation, including provisions specifically relevant to their studies. University Regulations and Rules. [http://www.murdoch.edu.au/admin/legsln/](http://www.murdoch.edu.au/admin/legsln/)

How do I add or change my course? To change your course entirely will require a new application to be submitted which can only be applied for near the end of each semester. The relevant course application forms can be found at [http://www.murdoch.edu.au/Future-students/Postgraduate-/](http://www.murdoch.edu.au/Future-students/Postgraduate-/)

Email Account & Correspondence The University’s primary form of contact with students is via email. The University automatically provides you with an email address, (yourstudentnumber@student.murdoch.edu.au) and you can access this email account at: [https://www.student.murdoch.edu.au/mail](https://www.student.murdoch.edu.au/mail) using your Murdoch User name and Password (same as MyMurdoch). You can choose to use a different email account, for example a Yahoo account. It is essential that you keep the email address listed in MyInfo page of MyMurdoch up to date so that you receive important communications from your lecturers and the University.

Cancellation of Courses The University reserves the right to cancel, without notice, any course or unit if the number of students enrolled falls below limits set by the University.

Glossary A general summary to help you with some of the more common terms that you will come across as you plan your studies can be found on the Faculty Student Administration web page. A full list of Murdoch terminology and relevant regulation requirements can be found in the Murdoch Glossary [http://handbook.murdoch.edu.au/2008/09_glossary.pdf](http://handbook.murdoch.edu.au/2008/09_glossary.pdf).
Graduate Diploma in Computer Studies

Credit Points  
24 to 26

Course Codes  
G1002

Description  
The purpose of this Diploma is to provide graduates of non-IT disciplines with the opportunity to obtain professional IT computing skills to supplement their initial degree. It covers basic areas of computer science with elective units to permit the exploration of specialised areas. The course can be completed by part-time study or in one year by full-time study by students with a background equivalent to ICT102 Introduction to Computer Science. It can also be completed externally. The course is available on a full fee-paying basis only.

Special Requirements  
There may be a reduction in choice of units if completing this course in the external mode. Access to adequate library resources and to the Internet is essential for external students. Individual units may require access to specific nominated software.

Professional Recognition  
Graduates of this course are eligible for membership of the Australian Computer Society at the Associate Level.

Course Structure -- 24 to 26 points  
A maximum of 6 points of 100-level units may be credited towards the Graduate Diploma in Computer Studies.

Core Units -- 18 points
ICT102 Introduction to Computer Science -- 3 pts  
Murdoch: S1-internal, S1-external, S2-internal, S2-external
ICT104 Principles of Computer Science -- 3 pts  
Murdoch: S1-internal, S1-external, S2-internal, S2-external
ICT209 Data Structures and Abstractions -- 4 pts  
Murdoch: S1-internal, S1-external
OR
ICT211 Web Computing -- 4 pts  
Murdoch: S2-internal, S2-external
ICT231 Systems Analysis and Design -- 4 pts  
Murdoch: S1-internal, S1-external, S2-external
ICT218 Databases -- 4 pts  
Murdoch: S1-internal, S1-external, S2-internal, S2-external
Specified Electives -- 6 to 8 points

Students who are exempt from any of the above core units must select alternatives from the specified elective units below.

Select from the following:

ICT103 Introduction to Data Communications -- 3 pts
Murdoch: S1-internal, S1-external, S2-internal, S2-external

ICT101 Introduction to 3-D Graphics and Animation -- 3 pts
Murdoch: S2-internal, S2-external

ICT108 Introduction to Multimedia and the Internet -- 3 pts
Murdoch: S1-internal, S1-external, S2-internal, S2-external
Rockingham: S2-internal

ICT219 Intelligent Systems -- 4 pts
Murdoch: S2-internal, S2-external

ICT209 Data Structures and Abstractions -- 4 pts
Murdoch: S1-internal, S1-external

OR

ICT211 Web Computing -- 4 pts
Murdoch: S2-internal, S2-external

ICT239 Software Tools -- 4 pts
Murdoch: S1-internal, S1-external

ICT215 Computer Graphics Principles and Programming -- 4 pts
Murdoch: S1-internal, S1-external

ICT238 Principles of Bioinformatics -- 4 pts
Murdoch: S1-internal, S1-external

ICT208 Business Intelligence Tools and Techniques -- 4 pts
Murdoch: S1-internal, S1-external

ICT335 Commercial Application Development -- 4 pts
Murdoch: S1-internal, S1-external

ICT306 Software Architectures -- 4 pts
Murdoch: S1-internal, S1-external

ICT336 Internet Systems Programming -- 4 pts
Murdoch: S1-internal, S1-external

ICT381 Software Engineering -- 4 pts
Murdoch: S1-internal, S1-external

ICT338 Computer Systems and Network Management -- 4 pts
Murdoch: S1-internal, S1-external

ICT339 Computer Security -- 4 pts
Murdoch: S2-internal, S2-external

or other units as approved by the Program Chair.
Graduate Diploma in Information Systems

Credit Points: 24
Course Codes: G1003
Description: The purpose of the Graduate Diploma in Information Systems is to provide graduates from a discipline other than Information Systems with a formal qualification in that field. The course can be completed by part-time study or in one year by full-time study if students have some background in Information Technology.

Professional Recognition: Graduates of this course are eligible for membership of the Australian Computer Society at the Associate Level.

Prerequisite Units -- 3 points
Students must have completed
ICT107 Principles of Information Systems and Data Management -- 3 pts
or
ICT108 Introduction to Multimedia and the Internet -- 3 pts
or their equivalent prior to attempting any sequential units.

Course Structure -- 24 points
Core Units -- 12 points
ICT231 Systems Analysis and Design -- 4 pts
Murdoch: S1-internal, S1-external, S2-external
ICT218 Databases -- 4 pts
Murdoch: S1-internal, S1-external, S2-internal, S2-external
ICT326 Information Systems Management -- 4 pts
Murdoch: S2-internal, S2-external

Specified Electives -- 12 points
Select from the following:
ICT208 Business Intelligence Tools and Techniques -- 4 pts
Murdoch: S1-internal, S1-external
ICT211 Web Computing -- 4 pts
Murdoch: S2-internal, S2-external
ICT239 Software Tools -- 4 pts
Murdoch: S1-internal, S1-external
ICT329 Organisational Informatics -- 4 pts
Murdoch: S2-internal, S2-external
ICT325 Human-Computer Interaction -- 4 pts
Murdoch: S1-internal, S1-external
ICT327 Management of IT Projects -- 4 pts
Murdoch: S2-internal, S2-external
ICT334 Multimedia Databases -- 4 pts
Murdoch: S1-internal, S1-external
ICT335 Commercial Application Development -- 4 pts
Murdoch: S1-internal, S1-external
EDU205 ICT in the Classroom -- 4 pts
Murdoch: S2-internal, S2-external
or other units as approved by the Program Chair.
Postgraduate Certificate in Information Technology

Credit Points 12
Course Codes C1058
Description The Postgraduate Certificate in Information Technology is designed to provide graduates in information technology related disciplines with a further qualification in the field. The course emphasises professional practice and effective communication using technical and nontechnical means. In addition, students select from a range of elective units according to their interests. The course may be completed over one semester full-time. Students may continue for a further semester and complete the Postgraduate Diploma in IT.

Special Requirements The course is available by on-campus attendance only.

Further Study The Postgraduate Certificate in Information Technology provides entry and 12 points of advanced standing towards the Postgraduate Diploma in Information Technology.

Course Structure -- 12 points
Core Units -- 4 points
ICT521 IT Professional Practice -- 4 pts
Murdoch: S1-internal

Specified Electives -- 8 points
Select up to 8 points from any 500/600-level units offered by the School of Information Technology with permission of the Program Chair.
Postgraduate Diploma in Information Technology

Credit Points  24
Course Codes  P1036
Description  The Postgraduate Diploma in Information Technology is designed to provide graduates in information technology related disciplines with a further qualification in the field. The course emphasises professional practice and effective communication using technical and nontechnical means. Security and management issues, and best practice in data communications and multimedia systems are covered. In addition, students select from a range of elective units according to their interests.

Special Requirements  The course is available by on-campus attendance only.

Professional Recognition  Graduates of this course are eligible for membership of the Australian Computer Society at the Professional Level.

Further Study  Units completed in the Postgraduate Diploma in Information Technology can be used as advanced standing towards the Master of Science in Information Technology.

Course Structure -- 24 points
Core Units -- 16 points
ICT521 IT Professional Practice -- 4 pts
Murdoch: S1-internal
ICT557 Information Security Management -- 4 pts
Murdoch: S2-internal
ICT523 Data Communications Strategies -- 4 pts
Murdoch: S1-internal
ICT514 Multimedia Systems -- 4 pts
Murdoch: S2-internal

Specified Electives -- 8 points
Select from any 500/600-level units offered by the School of Information Technology with permission of the Program Chair.
Postgraduate Diploma in Internetworking and Security

Credit Points 24
Course Codes P1040
Description The Postgraduate Diploma in Internetworking and Security provides a thorough and practical grounding in network design, network administration, network management and security. The course structure is flexible allowing students to tailor the course to meet their career needs. Students can choose units that target their skills in security, LAN and Wireless network design, global network design or network management.
Most specialisations prepare students to sit one or more industry certification exams. These certifications include Cisco Certified Network Associate (CCNA), Certified Wireless Network Administrator (CWNA), Cisco Certified Network Professional (CCNP), Managing Cisco Network Security (MCNS) and Cisco Secure PIX Firewall Advanced (CSPFA).

Special Requirements All students are required to have Internet access.

Professional Recognition Graduates of this course are eligible for membership of the Australian Computer Society at the Professional Level.

Further Study Units completed in the Postgraduate Diploma in Internetworking and Security can be used as advanced standing towards the Master of Science in Information Technology (Internetworking and Security specialisation)

Course Structure -- 24 points
Core Units -- 12 points
ICT546 Local Area Network Design and Implementation -- 4 pts
Murdoch: S1-internal
ICT535 Advanced Business Data Communications -- 4 pts
Murdoch: S2-internal
ICT539 Computer Security -- 4 pts
Murdoch: S2-internal, S2-external

Specified Electives -- 12 points
Select from the following:
ICT618 Information Technology Project Management -- 4 pts
Murdoch: S1-internal
ICT644 IP Telephony -- 4 pts
Murdoch: S2-internal
ICT663 Network Switching -- 4 pts
Murdoch: S1-internal
ICT647 Advanced Network Design -- 4 pts
Murdoch: S2-internal
ICT564 Wireless Networks -- 4 pts
Murdoch: S2-internal
ICT672 Network Security -- 4 pts
Murdoch: S1-internal

ICT521 IT Professional Practice -- 4 pts
Murdoch: S1-internal

ICT638 Computer Systems and Network Management -- 4 pts
Murdoch: S1-internal, S1-external
**Master of Network Management and Security**

<table>
<thead>
<tr>
<th>Credit Points</th>
<th>48</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course Codes</td>
<td>M1142</td>
</tr>
<tr>
<td>Description</td>
<td>This degree provides students with the necessary skills to plan, design, construct, manage and troubleshoot complex integrated voice and data networks. An emphasis is placed on achieving designs that are both scalable and secure. Topics explored within the degree include network switching, advanced routing, wide area networks, wireless networks and the management and security of both computer systems and the network infrastructure. Students are also able to pursue a number of valuable network and security related industry certifications.</td>
</tr>
<tr>
<td>Special Requirements</td>
<td>All students are required to have Internet access.</td>
</tr>
<tr>
<td>Professional Recognition</td>
<td>Students will have sufficient preparation to attempt the following certification exams: Cisco Certified Network Associate (CCNA); Certified Wireless Network Administrator (CWNA); Cisco Certified Network Professional (CCNP); MCNS (Managing Cisco Network Security); and CSPFA (Cisco Secure PIX Firewall Advanced). Graduates of this course are eligible for membership of the Australian Computer Society at the Professional Level.</td>
</tr>
<tr>
<td>Articulation</td>
<td>Units completed in the Postgraduate Diploma in Internetworking and Security may be used as advanced standing toward the Master of Network Management and Security, subject to appropriate unit selection.</td>
</tr>
</tbody>
</table>

### Course Structure -- 48 points

#### Core Units -- 48 points

- **ICT565 Knowledge and Information Security** -- 4 pts
  Murdoch: S2-internal, S2-external
- **ICT638 Computer Systems and Network Management** -- 4 pts
  Murdoch: S1-internal, S1-external
- **ICT521 IT Professional Practice** -- 4 pts
  Murdoch: S1-internal
- **ICT535 Advanced Business Data Communications** -- 4 pts
  Murdoch: S2-internal
- **ICT539 Computer Security** -- 4 pts
  Murdoch: S2-internal, S2-external
- **ICT546 Local Area Network Design and Implementation** -- 4 pts
  Murdoch: S1-internal
- **ICT672 Network Security** -- 4 pts
  Murdoch: S1-internal
- **ICT663 Network Switching** -- 4 pts
  Murdoch: S1-internal
ICT564 Wireless Networks -- 4 pts
Murdoch: S2-internal
ICT644 IP Telephony -- 4 pts
Murdoch: S2-internal
ICT647 Advanced Network Design -- 4 pts
Murdoch: S2-internal
ICT618 Information Technology Project Management -- 4 pts
Murdoch: S1-internal
Master of Science in Information Technology

Credit Points
48

Course Codes
M1074

Description
The MSc(IT) is a professional qualification in Information Technology, designed to provide candidates with appropriate practical understanding, skills and knowledge for managing IT use, change and development. The primary aim is to allow IT professionals an opportunity for professional upgrading or an extension of their qualifications and experience.

The degree may be completed in one of two ways:

a) Coursework
   Students complete 24 points of advanced postgraduate units covering a wide range of topics of current concern in the industry.

b) Coursework and Dissertation
   Students complete 12 points of coursework units and a 12-point dissertation.
   All students complete an additional 24 points of coursework units. It is possible to select these units from one of several lists, leading to a named specialisation within the MSc of Games Technology or Internetworking and Security.
   Students may exit the MSc(IT) at various points, to complete the Postgraduate Certificate or Postgraduate Diploma in Information Technology, Postgraduate Diploma in Games Technology, or Postgraduate Diploma in Internetworking and Security.

Professional Recognition
Graduates of this course are eligible for membership of the Australian Computer Society at the Professional Level.

Further Study
Completion of the requirements of the MSc(IT) forms the first component of the professional Doctor of Information Technology (DIT). The MSc(IT) also enables students to move on to study for a PhD in Information Technology.

MSc(IT) (Coursework)
Course Structure -- 48 points
University regulations require completion of a minimum of 24 points at 600-level and a maximum of 24 points at 500-level for a 48 point Masters by Coursework degree.

Core Units -- 24 points
ICT616 Data Resources Management -- 4 pts
Murdoch: S1-internal

ICT618 Information Technology Project Management -- 4 pts
Murdoch: S1-internal

ICT650 Information Technology Research Methodologies -- 4 pts
Murdoch: S1-internal, S2-internal

ICT612 Human Factors in Information Technology -- 4 pts
Murdoch: S2-internal

ICT619 Intelligent Systems Applications -- 4 pts
Murdoch: S2-internal
ICT622 Information Technology Strategy -- 4 pts
Murdoch: S2-internal

**Specified Electives -- 24 points**
Complete all units from one of the following lists.

**No Specialisation**
ICT521 IT Professional Practice -- 4 pts
Murdoch: S1-internal
ICT514 Multimedia Systems -- 4 pts
Murdoch: S2-internal
ICT557 Information Security Management -- 4 pts
Murdoch: S2-internal
ICT523 Data Communications Strategies -- 4 pts
Murdoch: S1-internal

plus 8 points selected from any 500/600-level unit offered by the School of Information Technology with permission of the Program Chair.

**Internetworking and Security Specialisation**
ICT546 Local Area Network Design and Implementation -- 4 pts
Murdoch: S1-internal
ICT535 Advanced Business Data Communications -- 4 pts
Murdoch: S2-internal
ICT539 Computer Security -- 4 pts
Murdoch: S2-internal, S2-external

plus three of the following:
ICT644 IP Telephony -- 4 pts
Murdoch: S2-internal
ICT663 Network Switching -- 4 pts
Murdoch: S1-internal
ICT647 Advanced Network Design -- 4 pts
Murdoch: S2-internal
ICT654 Wireless Networks -- 4 pts
Murdoch: S2-internal
ICT521 IT Professional Practice -- 4 pts
Murdoch: S1-internal
ICT638 Computer Systems and Network Management -- 4 pts
Murdoch: S1-internal, S1-external
ICT672 Network Security -- 4 pts
Murdoch: S1-internal
MSc(IT) (Coursework and Dissertation)

Course Structure -- 48 points
University regulations require completion of a minimum of 24 points at 600-level and a maximum of 24 points at 500-level for a 48 point Masters by Coursework degree.

Core Units -- 24 points
ICT616 Data Resources Management -- 4 pts
Murdoch: S1-internal
ICT618 Information Technology Project Management -- 4 pts
Murdoch: S1-internal
ICT650 Information Technology Research Methodologies -- 4 pts
Murdoch: S1-internal, S2-internal
ICT678 Information Technology Research Dissertation -- 12 pts
Murdoch: S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external

Specified Electives -- 24 points
Complete all units from one of the following lists.

No Specialisation
ICT521 IT Professional Practice -- 4 pts
Murdoch: S1-internal
ICT514 Multimedia Systems -- 4 pts
Murdoch: S2-internal
ICT557 Information Security Management -- 4 pts
Murdoch: S2-internal
ICT523 Data Communications Strategies -- 4 pts
Murdoch: S1-internal
plus 8 points selected from any 500/600-level unit offered by the School of Information Technology with permission of the Program Chair.

Internetworking and Security Specialisation
ICT546 Local Area Network Design and Implementation -- 4 pts
Murdoch: S1-internal
ICT535 Advanced Business Data Communications -- 4 pts
Murdoch: S2-internal
ICT539 Computer Security -- 4 pts
Murdoch: S2-internal, S2-external
plus three of the following:
ICT644 IP Telephony -- 4 pts
Murdoch: S2-internal
ICT663 Network Switching -- 4 pts
Murdoch: S1-internal
ICT647 Advanced Network Design -- 4 pts
Murdoch: S2-internal

ICT564 Wireless Networks -- 4 pts
Murdoch: S2-internal

ICT521 IT Professional Practice -- 4 pts
Murdoch: S1-internal

ICT638 Computer Systems and Network Management -- 4 pts
Murdoch: S1-internal, S1-external

ICT672 Network Security -- 4 pts
Murdoch: S1-internal
Doctor of Information Technology

Credit Points 72
Course Codes D1045
Description The Doctor of Information Technology (DIT) is an intensive course of study leading to a professional doctorate in Information Technology. The first three semesters consist of a selection from the School’s masters-level units covering a wide range of topics of current concern in the industry, and several research units. The final three research semesters culminate with the writing of a dissertation which embodies a significant contribution to professional practice in Information Technology.

Course Structure -- 72 points
In Semesters 4, 5 and 6, full-time students should enrol in the thesis unit for 12 points each semester and part-time students for 6 points each semester until the submission of the thesis.

Semesters 1 and 2
Specified Electives -- 24 points
Select from the following:
ICT523 Data Communications Strategies -- 4 pts
Murdoch: S1-internal
ICT612 Human Factors in Information Technology -- 4 pts
Murdoch: S2-internal
ICT514 Multimedia Systems -- 4 pts
Murdoch: S2-internal
ICT616 Data Resources Management -- 4 pts
Murdoch: S1-internal
ICT617 Individual Study Project -- 4 pts
Murdoch: S1-internal, S1-external, S2-internal, S2-external, U-internal, U-external, W-internal, W-external
ICT618 Information Technology Project Management -- 4 pts
Murdoch: S1-internal
ICT619 Intelligent Systems Applications -- 4 pts
Murdoch: S2-internal
ICT622 Information Technology Strategy -- 4 pts
Murdoch: S2-internal
ICT700 Computer Science Research Topic -- 4 pts
Murdoch: S1-internal, S2-internal
ICT704 Information Systems Research Topic -- 4 pts
Murdoch: S1-internal, S2-internal

Semester 3
Core Units -- 12 points
Students without research preparation should take:
ICT650 Information Technology Research Methodologies -- 4 pts
Murdoch: S1-internal, S2-internal
and
ICT7081 Advanced Information Technology Research Project -- 8 pts
Murdoch: S1-internal, S2-internal
OR
Students who have research preparation will take:
ICT708 Advanced Information Technology Research Project -- 12 pts
Murdoch: S1-internal, S2-internal
To be eligible to complete the 12 point project instead of the 8 point project plus ICT650, students must provide evidence of successful completion of a research methods unit, and must have the permission of the Program Chair.

Semester 4
Core Units -- 12 points
ICT702 Doctor of Information Technology Thesis -- 12 pts
Murdoch: S1-internal, S1-external, S2-internal, S2-external

Semester 5
Core Units -- 12 points
ICT702 Doctor of Information Technology Thesis -- 12 pts
Murdoch: S1-internal, S1-external, S2-internal, S2-external

Semester 6
Core Units -- 12 points
ICT702 Doctor of Information Technology Thesis -- 12 pts
Murdoch: S1-internal, S1-external, S2-internal, S2-external
APPENDIX B

Personal Study Plan

Course/Specialisation: ______________________________________________________
__________________________________________________________________________
__________________________________________________________________________

<table>
<thead>
<tr>
<th>YEAR</th>
<th>SEMESTER 1</th>
<th>SEMESTER 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
APPENDIX C
Program Chair & Academic Contact Details

Graduate Diploma in Computer Studies, Dr Pyara Dhillon
p.dhillon@murdoch.edu.au, p: 08 9360 2799, ECL 2.048

Graduate Diploma in Information Systems, Mr Danny Toohey
d.toohey@murdoch.edu.au, p: 08 9360 2800, ECL 3.053

Master of Network Management & Security; Master of Science in Information Technology; Postgraduate Certificate in Information Technology; Postgraduate Diploma in Information Technology; Postgraduate Diploma in Internetworking and Security, Dr Tanya McGill
t.mcgill@murdoch.edu.au, p: 08 9360 2798, ECL 3.055

Correct at time of printing. For the most up-to-date list of Academic contacts, please consult:
http://www.murdoch.edu.au/contacts/academic/

APPENDIX D
Enrolment Enquiries

Enrolment advice can be sought from either the Program Chair or your Faculty Student Administration staff member.

Malcolm Hollier, Student Administrative Officer
m.hollier@murdoch.edu.au
Education and Humanities Building Room 2.002
p: 08 9360 6093
http://www.murdoch.edu.au/fsa/

The New Students website (http://www.murdoch.edu.au/students/new/) will also assist you with links to enrolment procedures, Fees, Orientation and Services and Facilities.
APPENDIX E

Handy Contacts and Websites

<table>
<thead>
<tr>
<th>Need help with:-</th>
<th>Contact</th>
<th>Email</th>
<th>Phone (+618)</th>
<th>Location Murdoch Campus</th>
</tr>
</thead>
<tbody>
<tr>
<td>IT/MyInfo</td>
<td>IT Service Desk</td>
<td><a href="mailto:itservicedesk@murdoch.edu.au">itservicedesk@murdoch.edu.au</a></td>
<td>9360 2000</td>
<td>Library (north) Level 2</td>
</tr>
<tr>
<td>Student ID cards</td>
<td>IT Service Desk</td>
<td><a href="mailto:itservicedesk@murdoch.edu.au">itservicedesk@murdoch.edu.au</a></td>
<td>9360 2000</td>
<td>Library (north) Level 2</td>
</tr>
<tr>
<td>Parking Permits</td>
<td>Student Service Centre</td>
<td><a href="mailto:parking@murdoch.edu.au">parking@murdoch.edu.au</a></td>
<td>9360 6127</td>
<td>Chancellery 2.020</td>
</tr>
<tr>
<td>HECS-Help and Fees</td>
<td>Student Service Centre</td>
<td><a href="mailto:fees@murdoch.edu.au">fees@murdoch.edu.au</a></td>
<td>9360 6127</td>
<td>Chancellery 2.020</td>
</tr>
<tr>
<td>Books/Unit materials</td>
<td>Bookshop</td>
<td><a href="mailto:bookshop@murdoch.edu.au">bookshop@murdoch.edu.au</a></td>
<td>9360 2540</td>
<td>Refectory 2.051</td>
</tr>
<tr>
<td>International Students</td>
<td>Murdoch International</td>
<td><a href="mailto:internat@murdoch.edu.au">internat@murdoch.edu.au</a></td>
<td>9360 6770</td>
<td>Senate 1.001</td>
</tr>
<tr>
<td>Advanced Standing – Credit &amp; Exemptions</td>
<td>Mr Allan Wong (Domestic Students)</td>
<td><a href="mailto:a.wong@murdoch.edu.au">a.wong@murdoch.edu.au</a></td>
<td>9360 6352</td>
<td>Chancellery 2.027</td>
</tr>
<tr>
<td></td>
<td>Mr John Tan (International Stud.)</td>
<td><a href="mailto:j.tan@murdoch.edu.au">j.tan@murdoch.edu.au</a></td>
<td>9360 6010</td>
<td>Senate 1.001</td>
</tr>
</tbody>
</table>

**Handy Websites**

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>New Student home page</td>
<td><a href="http://www.murdoch.edu.au/students/new/">http://www.murdoch.edu.au/students/new/</a></td>
<td></td>
</tr>
<tr>
<td>Dates and Deadlines</td>
<td><a href="http://www.oss.murdoch.edu.au/timetables/">http://www.oss.murdoch.edu.au/timetables/</a></td>
<td></td>
</tr>
<tr>
<td>Faculty Student Administration</td>
<td><a href="http://www.murdoch.edu.au/fsa">http://www.murdoch.edu.au/fsa</a></td>
<td></td>
</tr>
<tr>
<td>Guild of Students</td>
<td><a href="http://guild.murdoch.edu.au">http://guild.murdoch.edu.au</a></td>
<td></td>
</tr>
<tr>
<td>Murdoch International</td>
<td><a href="http://www.international.murdoch.edu.au">http://www.international.murdoch.edu.au</a></td>
<td></td>
</tr>
<tr>
<td>MyInfo (online enrolment)</td>
<td><a href="http://myinfo.murdoch.edu.au">http://myinfo.murdoch.edu.au</a></td>
<td></td>
</tr>
<tr>
<td>Parking and Transport</td>
<td><a href="http://www.murdoch.edu.au/index/students/P&amp;T">http://www.murdoch.edu.au/index/students/P&amp;T</a></td>
<td></td>
</tr>
<tr>
<td>Teaching timetable</td>
<td><a href="http://www.murdoch.edu.au/admin/timetables/teaching/">http://www.murdoch.edu.au/admin/timetables/teaching/</a></td>
<td></td>
</tr>
<tr>
<td>Unit coordinator details</td>
<td><a href="http://www.murdoch.edu.au/index/units">http://www.murdoch.edu.au/index/units</a></td>
<td></td>
</tr>
</tbody>
</table>