
Enrolment Information for new POSTGRADUATE students Information Technology 2009

Welcome to Murdoch University1

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Information Technology

Internetworking and Security

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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 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 (Telephone: 089360 2710).



STEP 1 Accept Offer and Activate Account



STEP 2 Research Your Options



STEP 3 Complete Your Enrolment



STEP 4 Select Your Activities



STEP 5 Go To Orientation and Start Uni



STEP 6 Important Information and FAQs



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!



Research Your Options

For a postgraduate student a course structure will consist of [Core Units](http://www.murdoch.edu.au/students/new/terminology.html#CoreUnits) (<http://www.murdoch.edu.au/students/new/terminology.html#CoreUnits>) and [Specified Electives](http://www.murdoch.edu.au/students/new/terminology.html#SpecifiedElectives) (<http://www.murdoch.edu.au/students/new/terminology.html#SpecifiedElectives>).

Depending on your chosen degree your requirements will vary from approximately 12 points to 72 points. Postgraduate courses include, Graduate Certificate, Postgraduate Certificate, Graduate Diploma, Postgraduate Diploma, Masters and Doctorates.

Read about your Course Structure

You can find your course structure online through the [Postgraduate Information](http://www.murdoch.edu.au/fsa/postgrads/). Link (<http://www.murdoch.edu.au/fsa/postgrads/>).

Choose your units ...

...you want to enrol in for the current year by using the information you have reviewed above. You can find out about each unit in the Handbook online [2009 Handbook](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: [Teaching Timetable](http://www.murdoch.edu.au/admin/timetables/teaching/enquiry.html) (<http://www.murdoch.edu.au/admin/timetables/teaching/enquiry.html>)

You may find it useful to print a hardcopy of your [personal study plan](http://www.murdoch.edu.au/fsa/forms/StudyPlan.pdf) (<http://www.murdoch.edu.au/fsa/forms/StudyPlan.pdf>) and/or your [personal timetable](http://www.murdoch.edu.au/students/new/UnitPersonalTimetablePlanner.pdf) (<http://www.murdoch.edu.au/students/new/UnitPersonalTimetablePlanner.pdf>) for future reference.



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

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

When: Wednesday, February 11th at 6.00 pm

Where: Kim Beasley Lecture Theatre (next to Library)

Who: All postgraduate students.

- Faculty Student Administration (FSA) staff member.** You have been allocated a staff member to assist you with your enrolment queries regarding your chosen course. For contact details see [FSA Contacts](http://www.murdoch.edu.au/fsa/contacts/) (<http://www.murdoch.edu.au/fsa/contacts/>).

- Your Course Program Chair.** You also have an academic staff member to assist you with your enrolment queries regarding your chosen course, for contact details see [Program Chairs](http://www.murdoch.edu.au/contacts/academic/) (<http://www.murdoch.edu.au/contacts/academic/>).

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



STEP 3

Complete Your Enrolment

Log in to MyMurdoch ..

... Go to the Murdoch homepage (<http://www.murdoch.edu.au/>), select “Current Students” at the TOP of the page, and then select “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 (click on the MyInfo Login icon) 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 (eg. 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](http://www.ato.gov.au/) (<http://www.ato.gov.au/>) yet you can come back to this step later, however this step must be completed by the [Census Date](http://www.oss.murdoch.edu.au/enrolment/deadlines.html) (<http://www.oss.murdoch.edu.au/enrolment/deadlines.html>) 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. You can further check that you have enrolled in the right units by going back out to the MyInfo tab of MyMurdoch. Your enrolled units will be displayed with the Teaching Period, Campus and Mode. Check this one final time before you finish.



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 on-campus (Internal) 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. 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 Personal Calendar

Click on the MyUnits page of MyMurdoch to see all of your activities displayed on your Personal Calendar. Click on the "Forward a Week" button to take you to Week 1 of semester, and review the activities you have enrolled in to ensure that you have no unintentional clashes. Please note that it may take 15 minutes or more for any enrolment changes to be reflected in the calendar.



STEP 5

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 ([New Students - Orientation](http://www.murdoch.edu.au/students/new/orientation.html) - <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.

Attend the Postgraduate Coursework Advice Session and:

- 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/>). This site opens mid-January each year.
 - Meet other students in your same course.



STEP 6

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 lists your required units. Details for other courses are available from the Faculty Student Administration website ([Faculty Student Administration](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 ([FSA Contacts](http://www.murdoch.edu.au/fsa/contacts/) - <http://www.murdoch.edu.au/fsa/contacts/>).



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 ([FSA Contacts](http://www.murdoch.edu.au/fsa/contacts/) - <http://www.murdoch.edu.au/fsa/contacts/>) for assistance



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 other 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](#) .



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 Legislation](#)).



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 ([Postgraduate Study](#)).



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: [Student Webmail](#) (<https://wwwstudent.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/ Units. 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 full list of Murdoch terminology and relevant regulation requirements can be found in the Murdoch [Terminology and Glossary](http://www.murdoch.edu.au/students/new/terminology.html) (<http://www.murdoch.edu.au/students/new/terminology.html>) page to help you.

Handy Contacts and Websites

| Need help with:- | Contact | Email | Phone (+618) | Location Murdoch Campus |
|---|-----------------------------------|--|--------------|----------------------------|
| IT/MyInfo | IT Service Desk | itservicedesk@murdoch.edu.au | 9360 2000 | Library (north) Level 2 |
| Student ID cards | IT Service Desk | itservicedesk@murdoch.edu.au | 9360 2000 | Library (north) Level 2 |
| Parking Permits | Student Service Centre | parking@murdoch.edu.au | 9360 6127 | Chancellery 2.020 |
| HECS-Help and Fees | Student Service Centre | fees@murdoch.edu.au | 9360 6127 | Chancellery 2.020 |
| Books/Unit materials | Bookshop | bookshop@murdoch.edu.au | 9360 2540 | Refectory 2.051 |
| International Students | Murdoch International | internat@murdoch.edu.au | 9360 6770 | Senate 1.001 |
| Advanced Standing – Credit & Exemptions | Mr Allan Wong (Domestic Students) | A.Wong@murdoch.edu.au | 9360 6352 | Chancellery 2.027 |
| | Mr John Tan (International Stud.) | J.Tan@murdoch.edu.au | 9360 6010 | Senate 1.001 |
| Enrolment | Faculty Student Administration | fsa@murdoch.edu.au | 9360 2420 | Education Humanities 2.002 |

Handy Websites

| | |
|--|---|
| New Student home page | http://www.murdoch.edu.au/students/new |
| 2009 Handbook | http://handbook.murdoch.edu.au |
| Bookshop (eg. textbooks) | http://bookshop.murdoch.edu.au/index.html |
| Enrolment Dates and Deadlines | http://www.oss.murdoch.edu.au/enrolment/deadlines.html / |
| External Studies | http://external.murdoch.edu.au/ |
| Faculty Student Administration | http://www.murdoch.edu.au/fsa |
| Guild of Students | http://guild.murdoch.edu.au |
| Library | http://wwwlib.murdoch.edu.au/ |
| Maps | http://www.murdoch.edu.au/maps/ |
| Murdoch International | http://www.international.murdoch.edu.au |
| MyInfo (log on through MyMurdoch for online enrolment) | http://myinfo.murdoch.edu.au |
| Orientation home page | http://www.murdoch.edu.au/students/new/orientation.html |
| Parking and Transport | http://www.murdoch.edu.au/index/students/P&T |
| Teaching timetable | http://www.murdoch.edu.au/admin/timetables/teaching/ |
| Unit coordinator details | http://www.murdoch.edu.au/index/units |

Checklists

POSTGRADUATE CERTIFICATE IN INFORMATION TECHNOLOGY

School of Information Technology

Postgraduate Certificate in Information Technology (PgCertIT)

Further information

http://www.murdoch.edu.au/contacts/academic/School_of_Information_Technology

Course Structure — 12 points

Core Units — 4 points

- [] ICT521 IT Professional Practice — 4 pts
Murdoch: S1-internal

Specified Electives — 8 points

Select two of the following units:

- [] ICT556 Knowledge Management Techniques — 4 pts
Murdoch: S1-internal
- [] ICT546 Local Area Network Design and Implementation — 4 pts
Murdoch: S1-internal
- [] ICT532 Advanced Business Analysis and Design — 4 pts
Murdoch: S2-internal, S2-external
- [] ICT557 Information Security Management — 4 pts
Murdoch: S2-internal
or other units approved by the Program Chair

PREREQUISITES — POSTGRADUATE CERTIFICATE IN INFORMATION TECHNOLOGY

- [] Advanced Business Analysis and Design (ICT532)
Prerequisites: Co-requisite: Internet access if studying externally.
- [] Information Security Management (ICT557)
Prerequisites: Enrolment in a postgraduate IT course.
- [] IT Professional Practice (ICT521)
Prerequisites: Enrolment in a postgraduate IT course or permission of the Program Chair.
- [] Knowledge Management Techniques (ICT556)
Prerequisites: Enrolment in a postgraduate IT course.
- [] Local Area Network Design and Implementation (ICT546)
Prerequisites: Enrolment in a postgraduate IT course.

GRADUATE DIPLOMA IN INFORMATION TECHNOLOGY

School of Information Technology

Graduate Diploma in Information Technology (GradDipIT)

Further information

http://www.murdoch.edu.au/contacts/academic/School_of_Information_Technology

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 Development Framework — 4 pts
Murdoch: S1-internal, S1-external
- [] ICT325 Human–Computer Interaction — 4 pts
Murdoch: S1-internal, S1-external
- [] ICT327 Management of IT Projects — 4 pts
Murdoch: S2-internal, S2-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.

PREREQUISITES — GRADUATE DIPLOMA IN INFORMATION TECHNOLOGY

- [] Business Intelligence Tools and Techniques (ICT208)
Prerequisites: Nil. Some basic familiarity with spreadsheets and the Internet is assumed.
Co-requisite: Internet access if studying externally.
- [] Commercial Application Development (ICT335)
Prerequisites: B218/ICT218 Databases and B102/ICT102 Introduction to Computer Science.
Co-requisite: Internet access if studying externally.

- [] Databases (ICT218)
Prerequisites: B102/ICT102 Introduction to Computer Science or B105/ICT105 Introduction to Information Technology or B108/ICT108 Introduction to Multimedia and the Internet or ICT107 Principles of Information Systems and Data Management.
Co-requisite: Internet access if studying externally.
- [] Human–Computer Interaction (ICT325)
Prerequisites: M102/B102/ICT102 Introduction to Computer Science or M107/B107/ICT107 Principles of Information Systems and Data Management OR B108/ICT108 Introduction to Multimedia and the Internet, and must have completed 20 points at Part II or be enrolled in an IT Graduate Diploma or a Postgraduate IT course.
Co-requisite: Internet access if studying externally.
- [] ICT in the Classroom (EDU205)
Prerequisites: Completion of at least one Part II education unit, or equivalent.
Co-requisite: Internet access if studying externally.
- [] Information Systems Management (ICT326)
Prerequisites: Completion of 24 points at Part II or enrolment in an IT Graduate Diploma or a postgraduate IT course.
Co-requisite: Internet access if studying externally.
- [] Introduction to Multimedia and the Internet (ICT108)
Prerequisites: Nil.
Co-requisite: Internet access if studying externally.
- [] Management of IT Projects (ICT327)
Prerequisites: 12 points at Part II or enrolment in an IT Graduate Diploma or postgraduate IT course.
Co-requisite: Internet access if studying externally.
- [] Principles of Information Systems and Data Management (ICT107)
Prerequisites: Nil.
Co-requisite: Internet access if studying externally.
- [] Software Development Framework (ICT239)
Prerequisites: M102/B102/ICT102 Introduction to Computer Science.
Co-requisite: Internet access if studying externally.
- [] Systems Analysis and Design (ICT231)
Prerequisites: B102/ICT102 Introduction to Computer Science OR B105/ICT105 Introduction to Information Technology OR B108/ICT108 Introduction to the Internet and Multimedia OR ICT107 Principles of Information Systems and Data Management.
Co-requisite: Internet access if studying externally.
- [] Web Computing (ICT211)
Prerequisites: B108/ICT108 Introduction to Multimedia and the Internet or B102/ICT102 Introduction to Computer Science.
Co-requisite: Internet access if studying externally.

POSTGRADUATE DIPLOMA IN INFORMATION TECHNOLOGY

School of Information Technology

Postgraduate Diploma in Information Technology (PgDipIT)

Further information

http://www.murdoch.edu.au/contacts/academic/School_of_Information_Technology

Course Structure — 24 points

Core Units — 24 points

- [] ICT521 IT Professional Practice — 4 pts
Murdoch: S1-internal
- [] ICT556 Knowledge Management Techniques — 4 pts
Murdoch: S1-internal
- [] ICT546 Local Area Network Design and Implementation — 4 pts
Murdoch: S1-internal
- [] ICT557 Information Security Management — 4 pts
Murdoch: S2-internal
- [] ICT532 Advanced Business Analysis and Design — 4 pts
Murdoch: S2-internal, S2-external
- [] ICT617 Advanced IT Study Project — 4 pts
Murdoch: S1-internal, S1-external, S2-internal, S2-external, SUM-internal, SUM-external, W-internal, W-external

PREREQUISITES — POSTGRADUATE DIPLOMA IN INFORMATION TECHNOLOGY

- [] Advanced Business Analysis and Design (ICT532)
Prerequisites: Co-requisite: Internet access if studying externally.
- [] Advanced IT Study Project (ICT617)
Prerequisites: Enrolment in a postgraduate IT course.
Co-requisite: Internet access if studying externally.
- [] Information Security Management (ICT557)
Prerequisites: Enrolment in a postgraduate IT course.
- [] IT Professional Practice (ICT521)
Prerequisites: Enrolment in a postgraduate IT course or permission of the Program Chair.
- [] Knowledge Management Techniques (ICT556)
Prerequisites: Enrolment in a postgraduate IT course.
- [] Local Area Network Design and Implementation (ICT546)
Prerequisites: Enrolment in a postgraduate IT course.

MASTER OF SCIENCE IN INFORMATION TECHNOLOGY

School of Information Technology

Master of Science (MSc) in Information Technology

Further information

http://www.murdoch.edu.au/contacts/academic/School_of_Information_Technology

COURSEWORK (NO SPECIALISATION)

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 — 48 points

- [] ICT521 IT Professional Practice — 4 pts
Murdoch: S1-internal
 - [] ICT556 Knowledge Management Techniques — 4 pts
Murdoch: S1-internal
 - [] ICT546 Local Area Network Design and Implementation — 4 pts
Murdoch: S1-internal
 - [] ICT557 Information Security Management — 4 pts
Murdoch: S2-internal
 - [] ICT532 Advanced Business Analysis and Design — 4 pts
Murdoch: S2-internal, S2-external
 - [] ICT617 Advanced IT Study Project — 4 pts
Murdoch: S1-internal, S1-external, S2-internal, S2-external, SUM-internal, SUM-external, W-internal, W-external
 - [] ICT616 Data Resources Management — 4 pts
Murdoch: S2-internal
 - [] ICT618 Information Technology Project Management — 4 pts
Murdoch: S1-internal
 - [] ICT650 Information Technology Research Methodologies — 4 pts
Murdoch: S1-internal
 - [] ICT612 Human Factors in Information Technology — 4 pts
Murdoch: S1-internal
 - [] ICT619 Intelligent Systems Applications — 4 pts
Murdoch: S2-internal
 - [] ICT622 Information Technology Strategy — 4 pts
Murdoch: S2-internal
-

COURSEWORK (INTERNETWORKING AND SECURITY SPECIALISATION)

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 — 36 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
- [] ICT616 Data Resources Management — 4 pts
Murdoch: S2-internal
- [] ICT618 Information Technology Project Management — 4 pts
Murdoch: S1-internal
- [] ICT650 Information Technology Research Methodologies — 4 pts
Murdoch: S1-internal
- [] ICT612 Human Factors in Information Technology — 4 pts
Murdoch: S1-internal
- [] ICT619 Intelligent Systems Applications — 4 pts
Murdoch: S2-internal
- [] ICT622 Information Technology Strategy — 4 pts
Murdoch: S2-internal

Specified Electives — 12 points

Select three units from 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

COURSEWORK AND DISSERTATION (NO SPECIALISATION)**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 — 48 points

- [] ICT521 IT Professional Practice — 4 pts
Murdoch: S1-internal
- [] ICT556 Knowledge Management Techniques — 4 pts
Murdoch: S1-internal

- [] ICT546 Local Area Network Design and Implementation — 4 pts
Murdoch: S1-internal
 - [] ICT557 Information Security Management — 4 pts
Murdoch: S2-internal
 - [] ICT532 Advanced Business Analysis and Design — 4 pts
Murdoch: S2-internal, S2-external
 - [] ICT617 Advanced IT Study Project — 4 pts
Murdoch: S1-internal, S1-external, S2-internal, S2-external, SUM-internal, SUM-external, W-internal, W-external
 - [] ICT616 Data Resources Management — 4 pts
Murdoch: S2-internal
 - [] ICT618 Information Technology Project Management — 4 pts
Murdoch: S1-internal
 - [] ICT650 Information Technology Research Methodologies — 4 pts
Murdoch: S1-internal
 - [] ICT678 Information Technology Research Dissertation — 12 pts
Murdoch: S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external
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COURSEWORK AND DISSERTATION (INTERNETWORKING AND SECURITY SPECIALISATION)

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 — 36 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
- [] ICT616 Data Resources Management — 4 pts
Murdoch: S2-internal
- [] ICT618 Information Technology Project Management — 4 pts
Murdoch: S1-internal
- [] ICT650 Information Technology Research Methodologies — 4 pts
Murdoch: S1-internal
- [] ICT678 Information Technology Research Dissertation — 12 pts
Murdoch: S1-internal, S1-external, S2-internal, S2-external, Y-internal, Y-external

Specified Electives — 12 points

Select three units from 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
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PREREQUISITES — MASTER OF SCIENCE IN INFORMATION TECHNOLOGY

- [] Advanced Business Analysis and Design (ICT532)
Prerequisites: Co-requisite: Internet access if studying externally.
 - [] Advanced Business Data Communications (ICT535)
Prerequisites: C546/ICT546 Local Area Network Design and Implementation and enrolment in a postgraduate IT course.
 - [] Advanced IT Study Project (ICT617)
Prerequisites: Enrolment in a postgraduate IT course.
Co-requisite: Internet access if studying externally.
 - [] Advanced Network Design (ICT647)
Prerequisites: ICT535 Advanced Business Data Communications.
 - [] Computer Security (ICT539)
Prerequisites: ICT546 Local Area Network Design and Implementation and enrolment in a postgraduate IT course.
Co-requisite: Internet access if studying externally.
 - [] Computer Systems and Network Management (ICT638)
Prerequisites: Co-requisite: Internet access if studying externally.
 - [] Data Resources Management (ICT616)
Prerequisites: Enrolment in a postgraduate IT course.
 - [] Human Factors in Information Technology (ICT612)
Prerequisites: Enrolment in a postgraduate IT course.
 - [] Information Security Management (ICT557)
Prerequisites: Enrolment in a postgraduate IT course.
 - [] Information Technology Project Management (ICT618)
Prerequisites: Enrolment in a postgraduate IT course.
 - [] Information Technology Research Methodologies (ICT650)
Prerequisites: Enrolment in a postgraduate IT course.
 - [] Information Technology Strategy (ICT622)
Prerequisites: Enrolment in a postgraduate IT course.
 - [] Intelligent Systems Applications (ICT619)
Prerequisites: Enrolment in a postgraduate IT course.
 - [] IP Telephony (ICT644)
Prerequisites: ICT535 Advanced Business Data Communications.
 - [] IT Professional Practice (ICT521)
Prerequisites: Enrolment in a postgraduate IT course or permission of the Program Chair.
 - [] Knowledge Management Techniques (ICT556)
Prerequisites: Enrolment in a postgraduate IT course.
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- [] Local Area Network Design and Implementation (ICT546)
Prerequisites: Enrolment in a postgraduate IT course.
- [] Network Security (ICT672)
Prerequisites: ICT535 Advanced Business Data Communications, and enrolment in postgraduate IT course.
- [] Network Switching (ICT663)
Prerequisites: ICT535 Advanced Data Communications or C540 Advanced Data Communications and enrolment in a postgraduate IT course.
- [] Wireless Networks (ICT564)
Prerequisites: ICT546 LAN Design and Implementation OR C541 Data Communications Systems and enrolment in a postgraduate IT course.

DOCTOR OF INFORMATION TECHNOLOGY

School of Information Technology

Doctor of Information Technology (DIT)

Further information

http://www.murdoch.edu.au/contacts/academic/School_of_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:

- [] ICT532 Advanced Business Analysis and Design — 4 pts
Murdoch: S2-internal, S2-external
- [] ICT650 Information Technology Research Methodologies — 4 pts
Murdoch: S1-internal
- [] ICT612 Human Factors in Information Technology — 4 pts
Murdoch: S1-internal
- [] ICT546 Local Area Network Design and Implementation — 4 pts
Murdoch: S1-internal
- [] ICT616 Data Resources Management — 4 pts
Murdoch: S2-internal
- [] ICT617 Advanced IT Study Project — 4 pts
Murdoch: S1-internal, S1-external, S2-internal, S2-external, SUM-internal, SUM-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
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 Information Technology Research Methodologies — 4 pts, 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

PREREQUISITES — DOCTOR OF INFORMATION TECHNOLOGY

- [] Advanced Business Analysis and Design (ICT532)
Prerequisites: Co-requisite: Internet access if studying externally.
- [] Advanced Information Technology Research Project (ICT708)
Prerequisites: Enrolment in the Doctor of Information Technology.
- [] Advanced Information Technology Research Project (ICT7081)
Prerequisites: As for ICT708: Enrolment in the Doctor of Information Technology.
- [] Advanced IT Study Project (ICT617)
Prerequisites: Enrolment in a postgraduate IT course.
Co-requisite: Internet access if studying externally.
- [] Computer Science Research Topic (ICT700)
Prerequisites: Enrolment in the Doctor of Information Technology.
- [] Data Resources Management (ICT616)
Prerequisites: Enrolment in a postgraduate IT course.
- [] Doctor of Information Technology Thesis (ICT702)
Prerequisites: Enrolment in the Doctor of Information Technology and ICT650 Information Technology Research Methods or B708/ICT708 IT Research Project.
Co-requisite: Internet access if studying externally.
- [] Human Factors in Information Technology (ICT612)
Prerequisites: Enrolment in a postgraduate IT course.
- [] Information Systems Research Topic (ICT704)
Prerequisites: Enrolment in the Doctor of Information Technology.
- [] Information Technology Project Management (ICT618)
Prerequisites: Enrolment in a postgraduate IT course.

- [] Information Technology Research Methodologies (ICT650)
Prerequisites: Enrolment in a postgraduate IT course.
- [] Information Technology Strategy (ICT622)
Prerequisites: Enrolment in a postgraduate IT course.
- [] Intelligent Systems Applications (ICT619)
Prerequisites: Enrolment in a postgraduate IT course.
- [] Local Area Network Design and Implementation (ICT546)
Prerequisites: Enrolment in a postgraduate IT course.

POSTGRADUATE DIPLOMA IN INTERNETWORKING AND SECURITY

School of Information Technology

Postgraduate Diploma in Internetworking and Security (PgDiplntwkSecur)

Further information

http://www.murdoch.edu.au/contacts/academic/School_of_Information_Technology

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 three units 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

PREREQUISITES — POSTGRADUATE DIPLOMA IN INTERNETWORKING AND SECURITY

- [] Advanced Business Data Communications (ICT535)
Prerequisites: C546/ICT546 Local Area Network Design and Implementation and enrolment in a postgraduate IT course.
- [] Advanced Network Design (ICT647)
Prerequisites: ICT535 Advanced Business Data Communications.
- [] Computer Security (ICT539)
Prerequisites: ICT546 Local Area Network Design and Implementation and enrolment in a postgraduate IT course.
Co-requisite: Internet access if studying externally.

- [] Computer Systems and Network Management (ICT638)
Prerequisites: Co-requisite: Internet access if studying externally.
- [] Information Technology Project Management (ICT618)
Prerequisites: Enrolment in a postgraduate IT course.
- [] IP Telephony (ICT644)
Prerequisites: ICT535 Advanced Business Data Communications.
- [] IT Professional Practice (ICT521)
Prerequisites: Enrolment in a postgraduate IT course or permission of the Program Chair.
- [] Local Area Network Design and Implementation (ICT546)
Prerequisites: Enrolment in a postgraduate IT course.
- [] Network Security (ICT672)
Prerequisites: ICT535 Advanced Business Data Communications, and enrolment in postgraduate IT course.
- [] Network Switching (ICT663)
Prerequisites: ICT535 Advanced Data Communications or C540 Advanced Data Communications and enrolment in a postgraduate IT course.
- [] Wireless Networks (ICT564)
Prerequisites: ICT546 LAN Design and Implementation OR C541 Data Communications Systems and enrolment in a postgraduate IT course.

MASTER OF NETWORK MANAGEMENT AND SECURITY

School of Information Technology

Master of Network Management and Security (MNetManSecur)

Further information

http://www.murdoch.edu.au/contacts/academic/School_of_Information_Technology

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

PREREQUISITES — MASTER OF NETWORK MANAGEMENT AND SECURITY

- [] Advanced Business Data Communications (ICT535)
Prerequisites: C546/ICT546 Local Area Network Design and Implementation and enrolment in a postgraduate IT course.
- [] Advanced Network Design (ICT647)
Prerequisites: ICT535 Advanced Business Data Communications.
- [] Computer Security (ICT539)
Prerequisites: ICT546 Local Area Network Design and Implementation and enrolment in a postgraduate IT course.
Co-requisite: Internet access if studying externally.
- [] Computer Systems and Network Management (ICT638)
Prerequisites: Co-requisite: Internet access if studying externally.

- [] Information Technology Project Management (ICT618)
Prerequisites: Enrolment in a postgraduate IT course.
- [] IP Telephony (ICT644)
Prerequisites: ICT535 Advanced Business Data Communications.
- [] IT Professional Practice (ICT521)
Prerequisites: Enrolment in a postgraduate IT course or permission of the Program Chair.
- [] Knowledge and Information Security (ICT565)
Prerequisites: Co-requisite: Internet access if studying externally.
- [] Local Area Network Design and Implementation (ICT546)
Prerequisites: Enrolment in a postgraduate IT course.
- [] Network Security (ICT672)
Prerequisites: ICT535 Advanced Business Data Communications, and enrolment in postgraduate IT course.
- [] Network Switching (ICT663)
Prerequisites: ICT535 Advanced Data Communications or C540 Advanced Data Communications and enrolment in a postgraduate IT course.
- [] Wireless Networks (ICT564)
Prerequisites: ICT546 LAN Design and Implementation OR C541 Data Communications Systems and enrolment in a postgraduate IT course.