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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 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
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- **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/](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 Course/Major Description (Appendix A)
The description will provide you with information about your course and major, including recommended double majors and minors.

☐ Review your Checklist and Unit Prerequisites (Appendix B)
The checklist is the structure of your course and the units you need to complete for your degree. It includes required prerequisites to help you plan the order of your units.

☐ Review the Sample Enrolments (Appendix C)
The Sample Enrolment provides you with a pre-made study plan for your major. Some majors provide you with a choice of units in the requirement, so you may wish to create your own study plan.

☐ Choose your units …
...you want to enrol in for the current year by using the information you have reviewed above from the checklist (Appendix B) and sample enrolment (Appendix C). You can find out about each unit in the Handbook online

Part I units (100-level units) are taken in the first year. Most of the Part I units are worth 3 points each, this means you will be taking 8 units in your first year, being 4 units each semester.
Part II units (200-level and above units) are taken in the second or third year of study. Most Part II units are worth 4 points each, this means that you will be taking 6 Part II units in each of the 2nd and 3rd years, being 3 units each semester.
General Electives are ‘free choice’ units. You can use these units to meet the requirements of a second major or a minor. Use the Handbook online (http://handbook.murdoch.edu.au/) to help you search for these and for individual unit prerequisites.

☐ Check your Timetable

Generally you should find that the lectures for your core units and specified elective units will not clash, however some general elective units may not fit into your timetable. If this happens you may need to choose another general elective.
You can check the timetable for the units you have chosen for your first semester of 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.

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/ provides more details regarding the choices of units and enrolment in units via MyInfo.
- Investigate your Course Advice Session(s) 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 G. Sample enrolments of popular double majors can be found on the Faculty Student Administration website http://www.murdoch.edu.au/fsa/.

Now you are ready to enrol ...
STEP 3

Complete Your Enrolment

☐ Log in to MyMurdoch ..
   … at 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!

ℹ️ 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 (majors, minors) enrolment and activity signup. You can also update your personal details (home and postal addresses, email address etc).

☐ Go to Self Enrolment Steps
   Within MyInfo 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.

ℹ️ 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 – statement regarding your use of MyInfo
☐ Services – opportunity to join the Murdoch Student Guild or validate your Transperth Smartrider.
☐ Government Statistics – Government requirement to assist in forward planning.

☐ 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 (Majors and Minors)
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 Majors and Minors 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. Bachelor of Arts in History, with Primary Unit set of History).

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.

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 MyInfo 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 Semester.

☐ **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.
Your Program Chair(s) will advise you on the requirements of your course and answer any unit selection and enrolment queries at your “Investigate” - 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.


**When and Where is your “Investigate” course advice session?**

**When:** Tuesday, July 29 at 11.00am  
**Where:** Loneragan Lecture Theatre  
**Who:** Energy Studies; Nanoscience; Physics; Sustainable Energy Management

There are online maps of the three campuses for Murdoch at [http://www.murdoch.edu.au/index/visitors/wherearewe#campuses](http://www.murdoch.edu.au/index/visitors/wherearewe#campuses) The maps will provide details of where the course advice venues are.

If you are still unsure of your choice of units after you have read this booklet and you have attended the relevant “Investigate” course advice session you can email or phone your Faculty Student Administration staff member (Appendix G) 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 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 should expect to attend at least 2 days at Orientation to experience the helpful and friendly atmosphere at Murdoch.

You can check the full orientation timetable (http://www.murdoch.edu.au/students/new/orientation.html) for event and Investigate - course advice session details.

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

☐ Things to do during Orientation Week:
  ☐ Discover – All about Murdoch and what you should expect here.
  ☐ Investigate – Your course advice session to find out what your enrolment options are and how your Program Chair can help you.
  ☐ 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
  ☐ 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.
General Electives – What are they, where can I find them? A General Elective is a unit that is not a required unit (that is not Core Unit or Specified Elective) for your major or course. It can be selected from outside your primary area of study and may form part of a second major or minor. There is no single ‘list’ of General Electives. You can select General Electives by taking the units that make up a second major or minor or by looking at the online Handbook complete list of units available [http://handbook.murdoch.edu.au/units/](http://handbook.murdoch.edu.au/units/).

Units – Which units do I need to do and how do I know that I have enrolled in the right units? Your Checklist of Units and Prerequisites (Appendix B) and Sample Enrolment (Appendix C) in this booklet show you which are your required units. The Sample Enrolments for other majors 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 G).

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 the 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 B1137). 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 H).
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 end of Week 1 of Semester. For external units, the mail-out of unit materials will commence two weeks prior to the start of each Semester, so you should enrol in your external units as soon as possible. If you enrol in an external unit 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 - see http://www.murdoch.edu.au/admin/legsln/

How do I add or change my course, major or minor? To change your course entirely will require a course transfer which can only be applied for near the end of each semester. The relevant course transfer form, Amend Course Details, can be found at http://www.oss.murdoch.edu.au/forms/. Most second majors and minors can be added or changed under ‘Unit Sets’ in the ‘Self Enrolment Steps’ on the MyInfo part of MyMurdoch.

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://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 the MyInfo page of MyMurdoch up to date so that you receive important communications from your lecturers and the University.

Cancellation of Courses, Minors and Units The University reserves the right to cancel, without notice, any course, major, minor 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).
# APPENDIX A

## Full Course Description

### Nanoscience (BSc)

<table>
<thead>
<tr>
<th>Qualifications</th>
<th>Bachelor of Science (BSc) in Nanoscience</th>
</tr>
</thead>
<tbody>
<tr>
<td>Credit Points</td>
<td>72</td>
</tr>
<tr>
<td>Course Codes</td>
<td>B1220</td>
</tr>
<tr>
<td>Description</td>
<td>Nanoscience brings together Physical and Biological Sciences in the realm of the very small. Nanotechnology is a new area that builds on understandings in the fields of Physics, Chemistry and Biology and promises to bring us new devices that will revolutionise many areas of our technology. The course has a substantial practical component. Students will have the opportunity for hands on investigations of nanoscale materials using Scanning Tunneling Microscopy, Surface Spectroscopy and other forms of microscopy. They will also have the chance to study nanoscale mechanisms in biological systems.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Special Requirements</th>
<th>Internet access.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Excluded Minors</td>
<td>Nanoscience</td>
</tr>
</tbody>
</table>

### Physics (BSc)

<table>
<thead>
<tr>
<th>Qualifications</th>
<th>Bachelor of Science (BSc) in Physics</th>
</tr>
</thead>
<tbody>
<tr>
<td>Credit Points</td>
<td>72</td>
</tr>
<tr>
<td>Course Codes</td>
<td>B1029</td>
</tr>
<tr>
<td>Description</td>
<td>Physics has a long and distinguished history, and underpins our modern technology. Perhaps more importantly, physics research is currently developing the understanding leading to the new technologies of the future. The Physics major comprises an essential core of classical and modern physics. The common core of physics can be complemented by minors in related areas to provide a strong foundation from which specialised areas and interests can be developed.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Special Requirements</th>
<th>Computer access, sufficient to run algebraic computing software such as Maple, CD-ROM drive essential. Internet and email is desirable.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recommended Double Majors</td>
<td>Chemistry (BSc); Computer Science (BSc); Engineering (BE); Mathematics and Statistics (BSc); Nanoscience (BSc); Sustainable Energy Management (BSc)</td>
</tr>
<tr>
<td>Recommended Minors</td>
<td>Chemistry; Computer Science; Energy Studies; Mathematical Modelling; Science Communication</td>
</tr>
<tr>
<td>Excluded Minors</td>
<td>Energy Physics; Physics</td>
</tr>
<tr>
<td>Professional Recognition</td>
<td>Australian Institute of Physics.</td>
</tr>
</tbody>
</table>
### Sustainable Energy Management (BSc)

<table>
<thead>
<tr>
<th>Qualifications</th>
<th>Bachelor of Science (BSc) in Sustainable Energy Management</th>
</tr>
</thead>
<tbody>
<tr>
<td>Credit Points</td>
<td>72</td>
</tr>
<tr>
<td>Course Codes</td>
<td>B1190</td>
</tr>
<tr>
<td>Description</td>
<td>Sustainable Energy Management is an important multidisciplinary area devoted to finding new methods of sustainable energy production and improving the efficiency of existing systems. It addresses issues such as the social and environmental aspects of energy use, as well as the economic, policy and technical aspects of conventional and sustainable energy generation and use. The Sustainable Energy Management major will prepare students for a career in this challenging and rapidly expanding field. Graduates can be expected to use their skills in areas such as sustainable energy systems design and planning, energy policy, energy economics, energy management and efficiency, the environmental and social impact of energy systems and their use, as well as sustainable energy research. The major consists of units in the core areas of conventional and renewable energy. Students then have the flexibility to gain more knowledge, or develop an area of specialisation, in a particular area of interest by completing a minor or double major double degree. Some of the associated areas with promising employment prospects include science (physics or chemistry), renewable energy engineering, economics, environmental science, policy analysis (sustainable development), computer science, information technology, and commerce (management and marketing).</td>
</tr>
<tr>
<td>Special Requirements</td>
<td>This major (including Honours) is available to external students who wish to study off-campus. Using printed and Internet facilities, students may complete this degree without needing to attend the campus. Assistance is provided by tutors, who will correspond by telephone, letter or the Internet. Students wishing to study externally or online without coming to the campus will be more restricted in the elective units they can complete.</td>
</tr>
<tr>
<td>Recommended Double Majors</td>
<td>Accounting (BCom); Business Information Systems (BSc); Chemistry (BSc); Computer Science (BSc); Economics (BEcon); Environmental Science (BEnvSc, BSc); Law (Four-Year Degree) (LLB); Management (BCom); Marketing Management (BCom); Physics (BSc); Sustainable Development (BA, BSc)</td>
</tr>
<tr>
<td>Recommended Minors</td>
<td>Accounting; Business Economics; Chemistry; Computer Science; Economics for Sustainability; Energy Physics; Environmental Ethics; Environmental Issues; Environmental Policy; Management; Marketing; Mathematical Modelling; Organisational Information Systems; Physics; Policy Economics; Public Policy and Management; Sustainable Development</td>
</tr>
<tr>
<td>Excluded Minors</td>
<td>Energy Studies</td>
</tr>
</tbody>
</table>
Checklist of Units & Prerequisites

Nanoscience (BSc)
Course Structure — 72 points

Part I — 24 points

□ Foundation Unit — 3 points

Select one Foundation Unit from the Foundation Units section in this Handbook.

Core Units — 12 points
□ PEC152 Principles of Physics — 3 pts
   Murd: S1-Int, S1-Ext, S2-Int, S2-Ext
   [Students who do not have a TEE Physics final scaled score of 60% or more must complete PEC120 General Physics prior to completing this unit.]
□ PEC140 Introduction to Chemistry — 3 pts
   Murd: S1-Int, S1-Ext, S2-Int, S2-Ext
□ * PEC144 Chemical Principles — 3 pts
   Murd: S1-Int, S1-Ext, S2-Int, S2-Ext
   [Students who do not have a TEE Chemistry final scaled score of more than 60% should complete PEC140 Introduction to Chemistry.]
□ MAS182 Applied Mathematics — 3 pts
   Murd: S1-Int, S1-Ext, S2-Int, S2-Ext
   [Students who do not have a TEE Applicable Mathematics final scaled score of 55% or more must complete MAS164 Fundamentals of Mathematics prior to enrolling into this unit.]
□ MAS161 Calculus and Matrix Algebra — 3 pts
   Murd: S2-Int, S2-Ext

General Electives — 9 points
Select from any 100-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using these points to meet the requirements of a second major or Minor. Please refer to any recommended Double Majors and Minors listed in the description of this course.

Part II — 48 points

Core Units — 12 points
□ PEC261 Applications of Nanotechnology — 4 pts
   Murd: S1-Int
□ PEC363 Nanotechnology Laboratory — 4 pts
   Murd: S1-Int
□ PEC307 Nanoscience Project — 4 pts
   Murd: S1-Int, S2-Int, Y-Int

Specified Electives — 12 points
Select from the following:
□ PEC231 Modern Physics — 4 pts
   Murd: S1-Int, S1-Ext
□ PEC232 Electromagnetism — 4 pts
   Murd: S2-Int, S2-Ext
□ OTH212 Photonics (UNE PHYS212) — 3 pts equivalent
□ PEC247 Physical and Inorganic Chemistry — 4 pts
   Murd: S1-Int, S1-Ext
□ PEC201 Thermodynamics — 4 pts
   Murd: S2-Int, S2-Ext
□ MAS261 Mathematical Methods — 4 pts
   Murd: S1-Int, S1-Ext
□ PEC314 Nuclear and Particle Physics — 4 pts
   Murd: S2-Int, S2-Ext
□ PEC317 Physics of Materials — 4 pts
   Murd: S1-Int, S1-Ext
□ PEC238 Biological Chemistry — 4 pts
   Murd: S2-Int, S2-Ext
□ PEC349 Biomolecular Design — 4 pts
   Murd: S2-Int, S2-Ext

General Electives — 24 points
Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using these points to meet the requirements of a second major or minor. Please refer to any recommended Double Majors and Minors listed in the description of this course.

Prerequisites — Nanoscience (BSc)
Applications of Nanotechnology (PEC261)
Prerequisites: PEC160 Introduction to Nanotechnology.
Prerequisites — Nanoscience (BSc) (Continued)

Applied Mathematics (MAS182)
Prerequisites: M164/MAS164 Fundamentals of Mathematics or at least a pass in the Year 11 course Introduction to Calculus together with a final scaled score of 55% or more in TEE Applicable Mathematics.

Biological Chemistry (PEC238)
Prerequisites: PEC114 Chemistry for Biological Sciences or PEC116 Chemistry for Physical Sciences or PEC144 Chemical Principles. Students with good grades in PEC115 Chemistry for Environmental Science may be admitted with the permission of the Unit Coordinator.

Biomolecular Design (PEC349)
Prerequisites: PEC238 Biological Chemistry.

Cell Biology (BIO152)
Prerequisites: A thorough knowledge of Year 12 secondary level Chemistry is assumed. Students who did not achieve a final scaled score of 61% or more in TEE Chemistry within the three years immediately preceding enrolment are required to pass M140/PEC140 Introduction to Chemistry or PEC144 Chemical Principles or M114/PEC114 Chemistry for Biological Sciences or M115/PEC115 Chemistry for Environmental Science or M116/PEC116 Chemistry for Physical Sciences prior to enrolling.

Chemical Principles (PEC144)
Prerequisites: A thorough knowledge of Year 12 secondary-level Chemistry is assumed. Students who did not achieve a final scaled score of 60% or more in TEE Chemistry within the three years immediately preceding enrolment are required to pass PEC140 Introduction to Chemistry prior to enrolling. Students who are unsure of their status should consult the Chemistry Program Chair.

Electromagnetism (PEC232)
Prerequisites: PEC152 Principles of Physics. MAS161 Calculus and Matrix Algebra. MAS261 Mathematical Methods, highly recommended.

General Physics (PEC120)
TEE Applicable Mathematics or MAS164 Fundamentals of Mathematics are strongly recommended and may be taken concurrently.

Introduction to Chemistry (PEC140)
Prerequisites: This unit is for students with a weak background in Chemistry. Students with a final scaled score of more than 60% in TEE Chemistry within the past three years may be excluded from the unit. A knowledge of basic mathematics will be assumed.

Introduction to Nanotechnology (PEC160)

Mathematical Methods (MAS261)
Prerequisites: M161/MAS161 Calculus and Matrix Algebra or A208/MAS208 Mathematical Modelling

Modern Physics (PEC231)
Prerequisites: M161/MAS161 Calculus and Matrix Algebra or M182/MAS182 Applied Mathematics and PEC152 Principles of Physics.

Nanoscience Project (PEC307)
Prerequisites: PEC160 Introduction to Nanotechnology

Nanotechnology Laboratory (PEC363)
Prerequisites: PEC261 Applications of Nanotechnology.

Nuclear and Particle Physics (PEC314)
Prerequisites: M231/PEC231 Modern Physics or equivalent.

Photonics (UNE PHYS212) (OTH212)

Physical and Inorganic Chemistry (PEC247)
Prerequisites: PEC114 Chemistry for Biological Sciences or PEC115 Chemistry for Environmental Science or PEC116 Chemistry for Physical Sciences or PEC144 Chemical Principles; MAS182 Applied Mathematics or MAS161 Calculus and Matrix Algebra or MAS183 Statistical Data Analysis and Databases.

Physics of Materials (PEC317)
Prerequisites: PEC140 Introduction to Chemistry or PEC114 Chemistry for Biological Sciences or PEC115 Chemistry for Environmental Science or PEC116 Chemistry for Physical Sciences or PEC144 Chemical Principles, and PEC231 Modern Physics.

Statistical Data Analysis and Databases (MAS183)

Thermodynamics (PEC201)
Prerequisites: MAS161 Calculus and Matrix Algebra or MAS182 Applied Mathematics or MAS183 Statistical Data Analysis and Databases; PEC152 Principles of Physics; PEC114 Chemistry for Biological Sciences or PEC115 Chemistry for Environmental Science or PEC116 Chemistry for Physical Sciences or PEC144 Chemical Principles or enrolment in G1034 Graduate Diploma in Extractive Metallurgy.
Physics (BSc)

Course Structure — 72 points

* # For Australian Institute of Physics (AIP) accreditation at least one third of the units in your degree (24 points) must be Physics units (identified in the course structure with an *) and at least one eighth of the units in your degree (9 points) must be Mathematics units (identified in the course structure with a #).

Part I — 24 points

**Foundation Unit — 3 points**
Select one Foundation Unit from the Foundation Units section in this Handbook.

**Core Units — 9 points**

- *PEC152 Principles of Physics — 3 pts
  Murd: S1-Int, S1-Ext, S2-Int, S2-Ext
  (Students who have not completed Physics at TEE level will be required to undertake PEC120 General Physics — 3 pts [Murd: S1-Int, S1-Ext, S2-Ext] prior to completing this unit.)

- #MAS161 Calculus and Matrix Algebra — 3 pts
  Murd: S2-Int, S2-Ext
  (Students who have not completed TEE Calculus will need to undertake MAS182 Applied Mathematics — 3 pts [Murd: S1-Int, S1-Ext, S2-Int, S2-Ext] prior to completing this unit.)

- PEC140 Introduction to Chemistry — 3 pts
  Murd: S1-Int, S1-Ext, S2-Int, S2-Ext
  (Students who have completed TEE Chemistry and achieved a score of more than 60% may be exempt from this unit.)

**General Electives — 12 points**
Select from any 100-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using these points to meet the requirements of a second major or minor. Please refer to any recommended Double Majors and Minors listed in the description of this course.

Students intending to study the Nanotechnology units at Part II (PEC261 and PEC363) must take PEC160 Introduction to Nanotechnology as a Part I General Elective.

Part II — 48 points

**Core Units — 8 points**

- *PEC231 Modern Physics — 4 pts
  Murd: S1-Int, S1-Ext

- *PEC232 Electromagnetism — 4 pts
  Murd: S2-Int, S2-Ext

**Specified Electives — at least 16 points**
Select from the following:

- #MAS261 Mathematical Methods — 4 pts
  Murd: S1-Int, S1-Ext

- *OTH212 Photonics (UNE PHYS212) — 3 pts
  equivalent

- *PEC317 Physics of Materials — 4 pts
  Murd: S1-Int, S1-Ext

- *PEC201 Thermodynamics — 4 pts
  Murd: S2-Int, S2-Ext

- *PEC314 Nuclear and Particle Physics — 4 pts
  Murd: S2-Int, S2-Ext

- PEC323 Advanced Topics in Physics: Experimental — 4 pts
  Murd: S1-Int, S2-Int

- OTH301 Advanced Quantum Theory — Spectroscopy (UNE PHYS301) — 3 pts equivalent

- #MAS305 Environmental and Biological Modelling — 4 pts
  Murd: S1-Int, S1-Ext

- #MAS208 Mathematical Modelling — 4 pts
  Murd: S2-Int, S2-Ext

- *PEC261 Applications of Nanotechnology — 4 pts
  Murd: S1-Int

- *PEC363 Nanotechnology Laboratory — 4 pts
  Murd: S1-Int

**General Electives — 24 points**
Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using these points to meet the requirements of a second major or minor. Please refer to any recommended Double Majors and Minors listed in the description of this course.

**Prerequisites — Physics (BSc)**
Advanced Quantum Theory — Spectroscopy (UNE PHYS301) (OTH301)
Prerequisites: Nil.

Advanced Topics in Physics: Experimental (PEC323)
Prerequisites: M231/PEC231 Modern Physics, PEC317 Physics of materials.

Applications of Nanotechnology (PEC261)
Prerequisites: PEC160 Introduction to Nanotechnology.
Prerequisites — Physics (BSc) (Continued)

Applied Mathematics (MAS182)
Prerequisites: M164/MAS164 Fundamentals of Mathematics or at least a pass in the Year 11 course Introduction to Calculus together with a final scaled score of 55% or more in TEE Applicable Mathematics.

Calculus and Matrix Algebra (MAS161)
Prerequisites: M182/MAS182 Applied Mathematics or a final scaled score of 55% or more in TEE Calculus or equivalent.

Electromagnetism (PEC232)
Prerequisites: PEC152 Principles of Physics. MAS161 Calculus and Matrix Algebra. MAS261 Mathematical Methods, highly recommended.

Environmental and Biological Modelling (MAS305)
Prerequisites: A208/MAS208 Mathematical Modelling or M261/MAS261 Mathematical Methods.

General Physics (PEC120)
Prerequisites: Concurrent enrolment in MAS182 Applied Mathematics or MAS161 Calculus and Matrix Algebra; plus a final scaled score of 60% or more in TEE Physics or M120/PEC120 General Physics.

Mathematical Methods (MAS261)
Prerequisites: M161/MAS161 Calculus and Matrix Algebra or A208/MAS208 Mathematical Modelling.

Mathematical Modelling (MAS208)
Prerequisites: M182/MAS182 Applied Mathematics or M161/MAS161 Calculus and Matrix Algebra.

Modern Physics (PEC231)
Prerequisites: M161/MAS161 Calculus and Matrix Algebra or M182/MAS182 Applied Mathematics and PEC152 Principles of Physics.

Nanotechnology Laboratory (PEC363)
Prerequisites: PEC261 Applications of Nanotechnology.

Nuclear and Particle Physics (PEC314)
Prerequisites: M231/PEC231 Modern Physics or equivalent.
Sustainable Energy Management (BSc)

Course Structure — 72 points

Part I — 24 points

☐ Foundation Unit — 3 points
Select one Foundation Unit from the Foundation Units section in this Handbook

Core Units — 12 points

☐ PEC120 General Physics — 3 pts
Murd: S1-Int, S1-Ext, S2-Ext
APMISIN: T2A-Int, T3A-Int

☐ MAS182 Applied Mathematics — 3 pts
Murd: S1-Int, S1-Ext, S2-Int, S2-Ext
APMISIN: T1A-Int, T2A-Int, T3A-Int

☐ PEC140 Introduction to Chemistry — 3 pts
Murd: S1-Int, S1-Ext, S2-Int, S2-Ext
APMISIN: T3A-Int

☐ PEC190 Introduction to Energy Studies — 3 pts
Murd: S2-Int, S2-Ext, Y-Ext
APMISIN: T3A-Int

General Electives — 9 points
Select from any 100-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using these points to meet the requirements of a second major or minor. Please refer to any recommended Double Majors and Minors listed in the description of this course.
A list of recommendations is available from the Program Chair.

Part II — 48 points

Core Units — 24 points

☐ PEC294 Energy Management — 4 pts
Murd: S1-Int, S1-Ext, S2-Ext, Y-Ext

☐ PEC292 Energy in Society — 4 pts
Murd: S1-Int, S1-Ext, S2-Int, S2-Ext

☐ PEC332 Greenhouse Science and Policy — 4 pts
Murd: S1-Int, S1-Ext

☐ PEC390 Energy Systems — 4 pts
Murd: S2-Int, S2-Ext, Y-Ext

☐ PEC391 Energy Policy — 4 pts
Murd: S2-Int, S2-Ext, Y-Ext

☐ PEC393 Energy Economics — 4 pts
Murd: S2-Int, S2-Ext, Y-Ext

General Electives — 24 points
Select from any 200- to 400-level units offered by the University, subject to individual unit prerequisites. Students are advised to consider using these points to meet the requirements of a second major or minor. Please refer to any recommended Double Majors and Minors listed in the description of this course.
A list of recommendations is available from the Program Chair. Also recommended:

☐ PEC287 Renewable Energy and Sustainable Development — 4 pts
Murd: S2-Int, S2-Ext, Y-Ext

☐ PEC298 Scientific Monitoring and Data Analysis — 4 pts
Murd: S2-Int, S2-Ext

☐ MAS284 Applied Statistics and Process Management — 4 pts
Murd: S1-Int, S1-Ext, S2-Int, S2-Ext
APMISIN: T1A-Int, T2A-Int, T3A-Int

☐ PEC370 Energy Efficient Building Design — 4 pts
Murd: S1-Int, S1-Ext

☐ PEC297 Special Topics in Energy Studies: Life Cycle Analysis and Greenhouse Accounting — 4 pts
Murd: S2-Int, S2-Ext, Y-Ext

☐ PEC396 Energy Studies Project — 4 pts
Murd: S1-Int, S1-Ext, S2-Int, S2-Ext, Y-Ext

Prerequisites — Sustainable Energy Management (BSc)

Applied Mathematics (MAS182)
Prerequisites: M164/MAS164 Fundamentals of Mathematics or at least a pass in the Year 11 course Introduction to Calculus together with a final scaled score of 55% or more in TEE Applicable Mathematics.

Applied Statistics and Process Management (MAS284)
Prerequisites: A basic understanding of simple descriptive statistics and elementary probability.

Energy Economics (PEC393)
Prerequisites: There are no formal prerequisites for this unit. Some knowledge of basic economics (BUS261 Microeconomics A) is advantageous.

Energy Efficient Building Design (PEC370)
Prerequisites: PEC120 General Physics or equivalent or enrolment in the Bachelor of Applied Science in Energy Studies.

Energy in Society (PEC292)
Prerequisites: Knowledge of physics equivalent to M120/PEC120 Introduction to Physics or enrolment in the BAppSc in Energy Studies, Postgraduate Certificate in Energy Studies, Postgraduate
Prerequisites — Sustainable Energy Management (BSc) (Continued)

Diploma in Energy and the Environment or Postgraduate Diploma in Energy Studies.

Energy Management (PEC294)
Prerequisites: M120/PEC120 General Physics or equivalent or enrolment in the BAppSc in Energy Studies, Postgraduate Certificate in Energy Studies, Postgraduate Diploma in Energy and the Environment or Postgraduate Diploma in Energy Studies. Recommended: M292/PEC292 Energy in Society.

Energy Policy (PEC391)

Energy Studies Project (PEC396)
Prerequisites: Completion of three approved Energy Studies unit and enrolment in the Postgraduate Diploma in Energy Studies or BAppSc Energy Studies.

Energy Systems (PEC390)
Prerequisites: PEC120 General Physics or PEC152 Principles of Physics or a final scales score of 60% or more in TEE Physics or equivalent or enrolment in the BAppSc in Energy Studies, Postgraduate Certificate in Energy Studies, Postgraduate Diploma in Energy and the Environment or Postgraduate Diploma in Energy Studies. Recommended: M292/PEC292 Energy in Society.

General Physics (PEC120)
TEE Applicable Mathematics or MAS164 Fundamentals of Mathematics are strongly recommended and may be taken concurrently.

Greenhouse Science and Policy (PEC332)
Recommended: M292/PEC292 Energy in Society; knowledge of Physics equivalent to M120/PEC120 Introduction to Physics.

Introduction to Energy Studies (PEC190)
Renewable Energy and Sustainable Development (PEC287)
Recommended: M292/PEC292/M496 Energy in Society.

Scientific Monitoring and Data Analysis (PEC298)
Prerequisites: (MAS164 Fundamentals of Mathematics or MAS182 Applied Mathematics or MAS161 Calculus and Matrix Algebra) AND (PEC120 General Physics or PEC152 Principles of Physics) or equivalents or enrolment in the BAppSc in Energy Studies, PgCert Energy Studies, PgDip Energy and the Environment or PgDip Energy Studies.

Special Topics in Energy Studies: Life Cycle Analysis and Greenhouse Accounting (PEC297)
Prerequisites: Completion of PEC332/532/632 is recommended.

Introduction to Chemistry (PEC140)
Prerequisites: This unit is for students with a weak background in Chemistry. Students with a final scaled score of more than 60% in TEE Chemistry within the past three years may be excluded from the unit. A knowledge of basic mathematics will be assumed.
## Bachelor of Science – Nanoscience

<table>
<thead>
<tr>
<th>Year 1</th>
<th>Semester 1</th>
<th>Semester 2</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Foundation Unit (see appendix D)</td>
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<tr>
<td></td>
<td>PEC152 Principles of Physics</td>
<td>3pts</td>
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<td>Students who do not have a TEE Physics final scaled score of 60% or more must complete PEC120 General Physics prior to completing this unit</td>
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<tr>
<td></td>
<td>MAS182 Applied Mathematics</td>
<td>3pts</td>
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<tr>
<td></td>
<td>Students who do not have a TEE Applicable Mathematics final scaled score of 55% or more must complete MAS164 Fundamentals of Mathematics prior to enrolling into this unit</td>
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<tr>
<td></td>
<td>MAS161 Applications of Nanotechnology</td>
<td>3pts</td>
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<tr>
<th>Semester 1</th>
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<tbody>
<tr>
<td>PEC144 Chemical Principles</td>
<td>3pts</td>
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<td>Students who do not have a TEE Chemistry final scaled score of more than 60% should complete PEC140 Introduction to Chemistry.</td>
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<th>Year 2</th>
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<tr>
<td>PEC261 Applications of Nanotechnology</td>
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<td>Part II Unit (General Elective)</td>
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<th>Year 3</th>
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<tbody>
<tr>
<td>PEC363 Nanotechnology Laboratory</td>
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<td>Part II Unit (Specified Elective)#</td>
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<td>Part II Unit (General Elective)</td>
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<td>Part II Unit (General Elective)</td>
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<td>Part II Unit (General Elective)</td>
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### Part II Specified Elective: Select two from the following:

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<thead>
<tr>
<th>Semester 1</th>
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<tbody>
<tr>
<td>PEC231 Modern Physics</td>
<td>PEC232 Electromagnetism</td>
</tr>
<tr>
<td>PEC247 Physical and Inorganic Chemistry</td>
<td>PEC201 Thermodynamics</td>
</tr>
<tr>
<td>MAS261 Mathematical Methods</td>
<td>PEC314 Nuclear and Particle Physics</td>
</tr>
<tr>
<td>PEC317 Physics of Materials</td>
<td>OTHRZ12 Photonics (UNE PHYS212)</td>
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</table>
# Bachelor of Science – Physics

<table>
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<tr>
<th>Year</th>
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<th>Semester 2</th>
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<tbody>
<tr>
<td><strong>Foundation Unit (see appendix D)</strong></td>
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<td>3pts</td>
</tr>
<tr>
<td><strong>PEC140 Introduction to Chemistry (only if you do not have Year 12 Chemistry mark 60% or higher)</strong></td>
<td></td>
<td>3pts</td>
</tr>
<tr>
<td><strong>MAS161 Calculus and Matrix Algebra</strong></td>
<td>3pts</td>
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</tr>
<tr>
<td><strong>PEC152 Principles of Physics (if you do not have a Year 12 Physics mark of 60% or higher you will have to do PEC120 General Physics)</strong></td>
<td>3pts</td>
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<tr>
<td>(** students who did not achieve a score of 60% for Year 12 Calculus must enrol in MAS182 Applied Mathematics before taking this unit)**</td>
<td>12pts</td>
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<th>Year 2</th>
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<tr>
<td><strong>PEC231 Modern Physics</strong></td>
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<td><strong>MAS261 Mathematical Methods</strong></td>
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<td><strong>PEC231 Modern Physics</strong></td>
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<td><strong>PEC317 Physics of Materials</strong></td>
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<td><strong>MAS305 Environmental and Biological Modelling</strong></td>
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<td><strong>OTH301 Advanced Quantum Theory - Spectroscopy</strong></td>
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<tr>
<td><strong>PEC323 Advanced Topics in Physics: Experimental</strong></td>
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<td><strong>OTH212 Photonics</strong></td>
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<td><strong>PEC201 Thermodynamics</strong></td>
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<td><strong>MAS208 Mathematical Modelling</strong></td>
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<td><strong>OTH212 Photonics</strong></td>
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<td><strong>PEC323 Advanced Topics in Physics: Experimental</strong></td>
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<tr>
<td><strong>MAS182 Applied Mathematics</strong></td>
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<th>Year 3</th>
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<tr>
<td><strong>Part II Specified Elective #</strong></td>
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<th>Year 4</th>
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</table>

* # For Australian Institute of Physics (AIP) accreditation at least one third of the units in your degree (24 points) must be Physics units (identified in the course structure with an *) and at least one eighth of the units in your degree (9 points) must be Mathematics units (identified in the course structure with a #).

**# Part II Specified Electives:** Select at least 4 units from the following:

**NOTE:** All (*) electives must be completed if AIP accreditation is desired.

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<thead>
<tr>
<th>Semester 1</th>
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<tbody>
<tr>
<td><strong>MAS261 Mathematical Methods</strong></td>
<td><strong>PEC201 Thermodynamics</strong></td>
</tr>
<tr>
<td><strong>PEC317 Physics of Materials</strong></td>
<td><strong>MAS208 Mathematical Modelling</strong></td>
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<td><strong>MAS305 Environmental and Biological Modelling</strong></td>
<td><strong>OTH212 Photonics</strong></td>
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<td><strong>OTH301 Advanced Quantum Theory - Spectroscopy</strong></td>
<td><strong>PEC323 Advanced Topics in Physics: Experimental</strong></td>
</tr>
<tr>
<td><strong>PEC323 Advanced Topics in Physics: Experimental</strong></td>
<td><strong>OTH212 Photonics</strong></td>
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# Bachelor of Science – Sustainable Energy Management

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<th>Semester 2</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Foundation Unit (see appendix D) 3pts</td>
<td>Part II unit (General Elective) 4pts</td>
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<tr>
<td></td>
<td>PEC190 Introduction to Energy Studies 3pts</td>
<td>Part II unit (General Elective) 4pts</td>
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<tr>
<td></td>
<td>MAS182 Applied Mathematics 3pts</td>
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<th>Semester 1</th>
<th>Semester 2</th>
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<tbody>
<tr>
<td></td>
<td>PEC140 Introduction to Chemistry (if you do not have Year 12 Chemistry mark 60% or over) 3pts</td>
<td>Part II unit (General Elective) 4pts</td>
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<td>PEC120 General Physics 3pts</td>
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<td>Part I unit (General Elective)* 12pt</td>
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<th>Semester 2</th>
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<tr>
<td></td>
<td>PEC294 Energy Management 4pts</td>
<td>PEC391 Energy Policy 4pts</td>
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<td>PEC292 Energy in Society 4pts</td>
<td>PEC390 Energy Systems 4pts</td>
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<td>Part II unit (General Elective)* 4pts</td>
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<th>Year 4</th>
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<tr>
<td></td>
<td>PEC332 Greenhouse Science and Policy 4pts</td>
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<td>PEC393 Energy Economics 4pts</td>
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<td></td>
<td>Part II unit (General Elective)* 4pts</td>
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*Recommended General Electives: (Please check handbook for Unit Prerequisites):

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<td><strong>Part I</strong></td>
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<tr>
<td>BUS161 Introduction to Economics</td>
<td>BUS161 Introduction to Economics</td>
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<tr>
<td>ENV102 Introduction to Environmental Science</td>
<td>ENV102 Introduction to Environmental Science</td>
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<tr>
<td>ICT105 Introduction to Information Technology</td>
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<td>STP108 Introduction to Sustainable Development</td>
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<td>PEC370 Energy Efficient Building Design</td>
<td>PEC287 Renewable Energy and Sustainable Development</td>
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<tr>
<td>MAS284 Applied Statistics and Process Management</td>
<td>PEC298 Scientific Monitoring and Data Analysis</td>
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APPENDIX D
Foundation Units

All Murdoch students are required to complete one Foundation Unit unless they have been awarded Advanced Standing including an exemption for it. Check the teaching timetable for most up-to-date day, time and room location of each Foundation Unit: (http://www.murdoch.edu.au/admin/timetables/teaching/). All foundation units have Lectures: 2 hours per week; workshops/tutorials: 2 hours per week. Below are the foundation units on offer for semester 2.

**FDN115 Interactions of Society and Technology**
Murdoch: Semester 1-internal, Semester 1-external, Semester 2-internal, Semester 2-external
Peel: Semester 1-internal, Semester 2-internal,
Rockingham: Semester 1-internal, Semester 2-internal
Unit Coordinator – Martina Muller, m.muller@murdoch.edu.au
Tel: 9360 2955, Room: Science and Computing 2.011

Society’s constantly evolving interrelationship with technology has fundamentally changed our perception of ourselves and society. It is increasingly important for people to have a broad understanding of social, historical, ethical, economic and environmental factors that interconnect societal development with the nature of technology. FDN115 will provide students with an understanding of these important issues. Topics: histories of western culture and sciences, the nature of democracy, life cycle analysis and sustainability, political structures, cities, reproductive technologies, privacy, medicine, design and innovation.

**FDN150 Reinventing Australia**
Murdoch: Semester 1-internal, Semester 1-external, Semester 2-internal, Semester 2-external
Rockingham: Semester 1-internal
Unit Coordinator – Dr Brad Pettitt, b.pettit@murdoch.edu.au
Tel: 9360 6465, Room: Social Sciences Room 3.017

As Australia is in some sense being ‘reinvented’ by globalisation, new technology and other forces for change, we consider just what ‘Australia’ is and possibilities for shaping its future. Topics: contemporary issues such as the environment, Aboriginal rights, the family and citizenship. Our aim is to identify and understand some of the salient features of Australian society.
## Personal Study Plan

**Unit Sets:**


<table>
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<th>YEAR</th>
<th>SEMESTER 1</th>
<th>SEMESTER 2</th>
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<tr>
<td>4</td>
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</tr>
</tbody>
</table>
APPENDIX F

Program Chair & Academic Contact Details

Nanoscience: Dr Eddy Poinern g.poinern@murdoch.edu.au
08 9360 2892 Physical Sciences Room 2.043

Physics: Dr Chris Creagh c.creagh@murdoch.edu.au
08 9360 6715 Physical Sciences Room 2.035

Sustainable Energy Management: Dr Trevor Pryor t.pryor@murdoch.edu.au
08 9360 6286 RISE Transportable 1 Room 1.001

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 G

Enrolment Enquires

Enrolment advice will be provided at the Course Advice Sessions and during Orientation Week. If you have attended one of these sessions and still have enrolment queries, please contact your Faculty Student Administration staff member.

Annette Connolly, Student Administrative Officer
a.connolly@murdoch.edu.au
Education and Humanities Building Room 2.002
p: 08 9360 6268
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, sample enrolments, including unit selection for common double majors, Fees, Orientation and Services and Facilities.
# APPENDIX H

## 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>
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<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>
<tr>
<td>First Year Experience Coordinator</td>
<td>Pamela Martin-Lynch</td>
<td><a href="mailto:p.martin-lynch@murdoch.edu.au">p.martin-lynch@murdoch.edu.au</a></td>
<td>9360 2519</td>
<td>Library 3.001B</td>
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### Handy Websites

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<tr>
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<td><a href="http://www.murdoch.edu.au/fsa">http://www.murdoch.edu.au/fsa</a></td>
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<td>Guild of Students</td>
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<td><a href="http://www.international.murdoch.edu.au">http://www.international.murdoch.edu.au</a></td>
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<td><a href="http://myinfo.murdoch.edu.au">http://myinfo.murdoch.edu.au</a></td>
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<td>Parking and Transport</td>
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<tr>
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