



THE UNIVERSITY OF
NEWCASTLE
AUSTRALIA

2012 OPEN FOUNDATION BY DISTANCE APPLICATION HANDBOOK



DIRECTOR'S WELCOME

Welcome to the Open Foundation by Distance program!

The Open Foundation program offered by the English Language and Foundation Studies Centre at the University of Newcastle is the largest of its kind in Australia, and has been successfully preparing mature-aged students to enter University for more than 35 years.

One of the great benefits of taking Open Foundation as a distance program is that you can qualify for entry to university without attending classes on campus.

Students who go on to undergraduate study tell us that the things they learn in Open Foundation by Distance are invaluable. The program provides students with an understanding of what learning at University level is all about. Our students know how to juggle their study with a range of other commitments, how to access library resources, how to research, reference and problem solve, and how to learn effectively online.

If you are looking for the opportunity to change your life, Open Foundation by Distance will help you to realise your potential. The opportunity is yours for the taking.

Associate Professor Seamus Fagan
Director
English Language and Foundation Studies Centre

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PART A

ABOUT OPEN FOUNDATION BY DISTANCE

WHAT IS OPEN FOUNDATION BY DISTANCE?

Open Foundation by Distance (OF by D) is an 'open entry' program offered by the University of Newcastle. It is designed to provide you with a pathway to university study without having completed secondary school studies. And it allows you to qualify for entry to university without needing to attend classes on campus.

Studying in this program can help you to:

- discover your own interest in and capacity for ongoing tertiary studies; and
- prepare for study at university level.

When you complete the program successfully, you will gain a ranking that allows you to apply for a place in an undergraduate degree program at a university.

WHO APPLIES FOR OF BY DISTANCE?

Our prospective students are varied and apply to enrol in Open Foundation by Distance for many reasons. Some are past school leavers who need to update or improve their ranking to qualify for university entrance. Others may not have completed secondary school and are seeking a next opportunity to enter university study. Some have clear goals already about coming back to study to prepare for a particular career path, and OF by Distance is their first step towards that goal.

The University of Newcastle has long been committed to the principles of equity, diversity, access and social justice. The Open Foundation by Distance program is especially designed to provide educational opportunity for prospective students, who, because of a variety of factors, have not previously been able to access university studies.

Our students can live anywhere from rural farms and towns to major cities, or overseas, and come from very varied cultural and social backgrounds.



WHEN DO I STUDY IN OF BY DISTANCE?

The program is offered part-time, but over a full academic year of two semesters.

In 2012, the program begins in 'Week 0' (Week Zero) on Monday the 20th February and runs for 13 weeks across Semester 1. Semester 2 begins on Monday 23rd July and runs for 12 weeks. Each semester is followed by a three-week period during which formal exams are scheduled.

Here is a snapshot of important dates in the program's 2012 calendar.

Week 0 (Week Zero)	OF by Distance begins (University on-campus Orientation Week)	20 February, 2012
Semester 1		
Week 1	Semester 1 commences	27 February 2012
Week 6	Semester 1 recess begins	6 April 2012
Mid-semester break	Semester 1 recess (includes Easter)	6 April–13 April 2012
Week 7	Semester 1 resumes	16 April 2012
Week 12	Study period begins	25 May 2012
	Semester 1 study period	25 May–1 June 2012
	Semester 1 concludes	1 June 2012
Semester 1 exams	Examination period	4–22 June 2012
Mid-year recess		25 June–20 July 2012
Semester 2		
Week 1	Semester 2 commences	23 July 2012
Week 9	Semester 2 recess begins	24 September 2012
Mid-semester break	Semester 2 recess	24 September –5 October 2012
Week 10	Semester 2 resumes	8 October 2012
Week 12	Study period begins	25 October 2012
	Semester 2 study period	25 October–2 November 2012
	Semester 2 concludes	2 November 2012
Semester 2 exams	Examination period	5–23 November 2012



WHAT COURSES CAN I STUDY IN OF BY DISTANCE?

To complete Open Foundation by Distance you must pass four 10-unit courses (40 units in all) in one calendar year. You will enrol in two courses in Semester 1 and two courses in Semester 2. (Note that it is expected that you will enrol, in Semester 2, in Part 2 of the courses you studied in Semester 1.)

The following six pairs of courses are available for study by distance. (Go to Part B of this Handbook for a short description of each course, as well as lists of the University of Newcastle programs that recognise Open Foundation by Distance as a pathway to admission to a degree.)

Semester 1 courses

Humanities

- EPHUMA131 Australian History 1
- EPHUMA149 Linguistics 1
- EPHUMA147 Studies in Law 1

Maths/Sciences

- EPMATH134 Core Mathematics 1
- EPGEOS141 Earth Science 1: Earth Science Systems
- EPCHEM137 Foundation Concepts for Chemistry and the Life Sciences

Semester 2 courses

Humanities

- EPHUMA231 Australian History 2
- EPHUMA249 Linguistics 2
- EPHUMA247 Studies in Law 2

Maths/Sciences

- EPMATH234 Core Mathematics 2
- EPGEOS241 Earth Science 2: Earth Science Applications
- EPBIOL259 Introduction to the Life Sciences

Note: Students who study EPCHEM137 in Semester 1 should enrol in EPBIOL259 in Semester 2.

HOW DO I STUDY IN OF BY DISTANCE?

Open Foundation by Distance is an online learning program with printable course resources and on-campus workshops. The program blends different modes of learning and delivery to suit the different ways that our students prefer to learn.

Your online learning environment

The program is essentially delivered online through Blackboard 9.1, the University's virtual learning environment. The online courses provide a variety of approaches to support your learning. These include:

- an online study guide that leads you, week by week, through the course resources and activities;
- weekly course notes in a PDF (Adobe) format that you can work through online, or print out;
- online video resources either developed by the lecturer or linked to from external online sources;
- online audio of 'lectures' given by academic staff to on-campus Open Foundation students (using the Lectopia program);



- a regular weekly or fortnightly 'virtual tutorial' led by your course lecturer in synchronous or 'real time' online chat, or in an online discussion forum (not 'real-time');
- a variety of required learning activities that may include practise exercises, online quizzes, online library researching to find additional reading, discussion in online forums, virtual laboratories and field trips, or building wikis with other students.

Your learning environment also includes:

- a set textbook for almost all courses (and we recommend that enrolled students have their own copy of these);
- regular telephone consultation times when your lecturers are available to talk with you individually;
- on-campus Saturday Workshops.

About Saturday Workshops

These give you first-hand experience of being a university student through a day of on-campus tutorials and practical course work. You meet your lecturers and fellow students, explore the University libraries and become familiar with other facilities at a University of Newcastle campus.

The University of Newcastle has three campuses: Callaghan (in Newcastle), Ourimbah (on the Central Coast) and Port Macquarie (at the TAFE NSW North Coast Institute). Maps and locations of our campuses are included in Part C of this Handbook.

Two Workshops are offered each semester at the University's Callaghan campus. One is offered at the Port Macquarie campus in first semester of each year. In Semester 2 the Workshop coincides with the University's Open Day at Callaghan campus. On Open Day enrolled students find out more about degree programs offered by the University of Newcastle and how to apply for a place in a degree program.

While Saturday Workshops are not compulsory, OF by Distance students are strongly encouraged to try and attend these. Workshops dates are provided once you begin the program.

The first week of the program

The first week of the program, Week Zero, has been designed to introduce you to the Blackboard online environment and to help you settle into becoming a tertiary student.

You will meet your fellow students and lecturers online in a relaxed way, while preparing, through all kinds of easy and enjoyable activities, to make the most of the Blackboard learning space. In this week you will learn, too, how to start building your academic study skills—managing your time, researching online, academic writing and using maths/science calculators, for example.

Week Zero, the first week of the program, also coincides with the University's on-campus Orientation Week. Open Foundation by Distance students are invited to attend, if they are able, one of the Orientation sessions held during that week for all Open Foundation students. Orientation sessions are held at Callaghan, Ourimbah and Port Macquarie campuses. Session details are sent to students with the letter of offer.

HOW ARE OF BY DISTANCE COURSES ASSESSED?

Assessment in Open Foundation by Distance in each of the four courses consists of:

- progressive assessment (50%), and
- an end-of-semester formal examination (50%).

Exams are a **compulsory** part of undertaking Open Foundation by Distance. An enrolled student cannot successfully complete the OF by Distance program unless they sit the examination for each course.

In 2012, OF by Distance examinations will be held during the following periods:

- Semester 1 exams:
4–22 June, 2012
- Semester 2 exams:
5–23 November 2012.

Students will be notified by email about specific exam dates, procedures and venues a few weeks prior to these periods. The exam timetable on the University website is generally available three weeks before an exam period begins.

Exams are usually held in major regional centres and are normally conducted during business hours on a Monday to a Friday, but may also be held on a Saturday. *Students must ensure they are available to sit exams at the time they are scheduled during this period.*

WHAT SHOULD I THINK ABOUT AND PREPARE FOR WHEN APPLYING FOR OF BY DISTANCE?

Planning study time

Our students can have busy lives already: parenting, working and so on. Studying Open Foundation by Distance will allow you to fit your studies in around your other commitments. You will need, however, to be able to plan for approximately **15-20 hours a week** to give to your studies. While this may sound a big commitment, it is possible to study effectively in smaller chunks of available time, something students will learn about in Week Zero of the program. You will also need to think about planning Saturday Workshops into your timetable, if you are able to attend, once or twice a semester.

Planning to attend exams

Given how busy our students tend to be, a critical part of planning ahead is staying aware of the exam periods in June and in November. Students may be asked to sit for two course exams on one day or one exam on two days within that three-week period. Although you won't know exact exam dates at the beginning of a semester, *thinking ahead*, for example, about asking for time off from work or organising child-minding to attend the compulsory exams will be very important.

Planning for program costs

While there are no tuition fees when enrolling in Open Foundation by Distance, there are some costs associated with the program, including those for:

- the purchase of textbooks;
- possibly travel and accommodation, *if* you choose to attend an Open Foundation Orientation session;
- possibly travel and accommodation, *if* you choose to attend Saturday Workshops;
- possibly travel and accommodation, *with compulsory attendance at examinations.*

If a student needs to travel to attend an exam or a Saturday Workshop, Foundation Studies can provide, closer to the time, information about suitable accommodation.

Purchasing textbooks early

Prescribed texts for Open Foundation by Distance courses can be purchased from the Co-op Bookshop, either online or from the bookshops at the Callaghan and Ourimbah campuses. Textbooks will also be available for purchase at the Port Macquarie TAFE Bookshop.

The list of prescribed textbooks for each course is sent with the letter of offer to successful applicants and will include a Co op Bookshop order form. The prices for each of the textbooks can be found at www.coop-bookshop.com.au.

Getting to know your community library

Students enrolled into the Open Foundation by Distance Program are asked to locate and become a member of their local community library (there is usually no cost in joining).

Community libraries will have good computer access and almost all now have broadband access. As well, the Open Foundation by Distance Program is partnering with a number of community libraries in the North Coast, Central West and Central Coast regions of New South Wales to offer special support to new OF by Distance students during 'Week Zero', the first week of the 2012 OF by Distance program.

Participating community libraries in these regions will also have a set of course textbooks in their Reference sections, available for use just in the library, or in their general loan section and available to be borrowed.

During Week Zero, many regional community libraries will be available to help our new 2012 students:

- try hands-on access to the program online;
- learn to navigate the Blackboard environment and Week Zero activities;
- explore online the University Library's facilities and resources;
- get to know all the local community library resources students can use, including databases; and
- learn how to reserve books in the local library.

Preparing to study online

Becoming a student at the University of Newcastle means that you will become active online.

All new students at the University enrol through the University's online enrolment system: 'My Hub'. The University communicates with all its students only through their student email account, called NUmail, set up during the enrolment process. For example, details of exam dates, times and locations are sent out only by online NUmail.

Becoming an Open Foundation by Distance student takes you some steps further in becoming a confident user of online systems, through:

- accessing your course instructions and resources online;
- 'attending' tutorials with your lecturers online; and
- studying with your student community online.

What you will need for online study

You will need to be able to access:

- a computer;
- a printer;
- an ADSL or wireless broadband connection or a wireless internet connection.

It is important to realise that OF by Distance students can organise a variety of different ways and places to access these tools: not just 'at home'.

Depending on your location and daily activities, **public online access** may be readily found at:

- local libraries;
- local community centres;
- a place of work;
- internet cafes (with a small cost);
- chain computer retailers (with a small cost for hourly usage);
- some major chain food retailers (free wireless internet access), and so on.

Alternatively, an inexpensive netbook, or tablet, with a prepaid or postpaid USB or wireless modem, and/or access to wireless 'hotspots' provide another way a student might set up their online learning access.

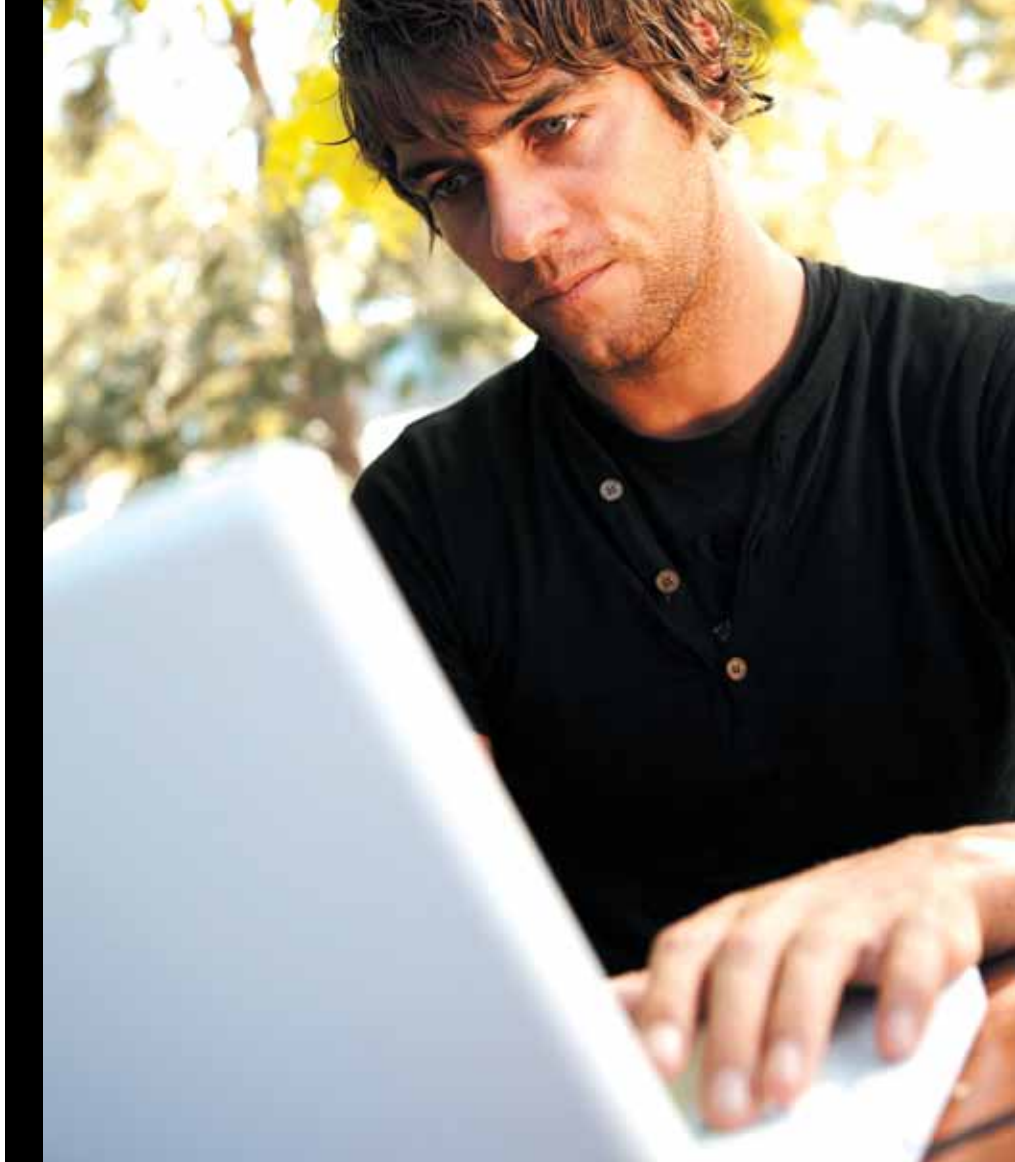
Accessing through Blackboard Mobile Learn

As well, the University now offers Blackboard Mobile Learn, a free mobile application (app) that enables interactive access to the University's Blackboard course sites via compatible mobile devices, including:

- Android™ devices
- BlackBerry® smartphone devices
- HP web OS devices
- iPhone®, iPod Touch®, and iPad™.

Students can access discussion groups and read course notes while on the move, for example. For QuickGuides to using the app with the above devices, log on to:

www.newcastle.edu.au/unit/centre-for-teaching-and-learning/blackboard-mobile-learn/



Preparing to apply for University Degree Programs

Students who apply for Open Foundation by Distance are often already thinking about the kinds of undergraduate degree programs they want to prepare and apply for.

Application for most university degree programs is made online through the Universities Admissions Centre (UAC) at www.uac.edu.au

Assistance and advice on completing the UAC application is available to Open Foundation by Distance students in August/September of each year.

Students who wish to attend a university outside NSW/ACT should contact the Tertiary Admission Centre of the State or Territory in which the preferred university is located. In the first instance, contact the Admissions office of the preferred university.

Information on the degree programs offered at the University of Newcastle can be found at: www.newcastle.edu.au/what-can-i-study/undergraduateprograms

IMPORTANT: IF YOU WISH TO APPLY TO ENROL IN OPEN FOUNDATION BY DISTANCE BUT BELIEVE YOU WILL NOT HAVE SUFFICIENT ONLINE ACCESS TO DO SO, PLEASE CONTACT THE FOUNDATION STUDIES OFFICE AND ASK TO SPEAK WITH THE PROGRAM COORDINATOR.



AM I ELIGIBLE TO APPLY FOR OPEN FOUNDATION BY DISTANCE?

There are no educational prerequisites for the Open Foundation by Distance program, but there are some requirements.

Essential requirements

To be eligible to undertake the program, you must be:

- at least 20 years of age in the year you plan to study, and
- an Australian citizen, OR have permanent residency status.

Applicants who have Permanent Resident status must be resident in Australia for the duration of their studies in Open Foundation by Distance.

If you were not born in Australia, you must provide evidence of citizenship or permanent residency including date granted. If you are a New Zealand citizen you must provide evidence of date of arrival in Australia. For details on how to do this, see Part C of this handbook: 'Applying to enrol in Open Foundation by Distance'.

You are not eligible to apply for a place in the Open Foundation by Distance program if you already have a degree or currently have good standing in a degree program.

Assumed knowledge

As there are no educational prerequisites for Open Foundation by Distance, it is not necessary for applicants to have any formal educational qualifications. It is assumed that students will have a capability equivalent to Year 10 level at high school. Good reading and comprehension skills are needed to complete the program.

Open Foundation by Distance academic and support staff will help you adapt problem-solving skills, organisational skills and time-management skills to your learning. By the end of the Open Foundation by Distance program, students will have an appreciation of the scope of a university course and they will have had an opportunity to gain skills such as critical analysis, and essay and report writing.

Careful observation is also an essential quality in some of the courses offered in the Distance program. And students will need to be able to follow written instructions. The Earth Sciences courses and the Chemistry and Life Sciences courses will introduce some basic mathematical concepts but no previous mathematical background will be assumed.

The most valuable asset you can have to succeed in the program is your interest and motivation, and an ability to focus on the task at hand.

English Language proficiency

Applicants who are from a non-English speaking background should be aware that the courses will require a good level of written and spoken English.

It is assumed that students from a language background other than English will have already undertaken formal study in English prior to commencing Open Foundation by Distance.

Making an application

An application form is included in Part C of this Handbook. Complete the application forms and return them to the Foundation Studies address (see below).

Applications close on 23 January 2012.

Offers to enrol in the program will be made in January and February. An offer letter and essential information about the steps to then take to enrol will be sent to successful applicants.



VISIT US

When students enrol in Open Foundation by Distance they will be eligible to use the University library and computing facilities at the Callaghan, Ourimbah and Port Macquarie campuses.

If at any time you would like to visit us at our Callaghan or Ourimbah campuses, please don't hesitate to call and we will organise to have someone meet with you. Maps of the campuses have been provided in Part C of this Handbook to help students find their way.

QUESTIONS?

If you have any questions, please contact us at:

Open Foundation by Distance
English Language &
Foundation Studies Centre
Room MCLG49 McMullin Building
The University of Newcastle
CALLAGHAN NSW 2308
AUSTRALIA

Telephone: (02) 4921 7232

Fax: (02) 4921 6901

Freecall: 1800 353 775

Email: ofbydistance@newcastle.edu.au

Online address: [www.newcastle.edu.au/
ofbydistance](http://www.newcastle.edu.au/ofbydistance)

PART B

COURSE DESCRIPTIONS AND DEGREE RECOMMENDATIONS

COURSE DESCRIPTIONS SEMESTER 1

COURSE:
AUSTRALIAN HISTORY 1

COURSE CODE:
EPHUMA131

UNIT VALUE:
10 UNITS

Australian History before Federation

Aborigines, convicts, colonists, gold diggers and bushrangers—the history of Australia before 1901 makes a lively and fascinating study. In this course students will be introduced to many of the significant people, events, issues and scholarly debates in pre-Federation Australian history. The first part of the course covers traditional Aboriginal life and charts the effects of colonisation. The latter part deals with the other side of the colonial frontier and examines such topics as the convict system and the growth of a unique Australian society.

This course aims to give students an understanding of Australia's past, and the influence the past has on the Australian present. At the same time it will equip you with some vital academic skills necessary to study effectively at university.



Hi there, so glad that you have decided to check out the Open Foundation Program. As a mature student I have found this program to be a positive, adventurous and most of all a fun learning experience. There is just so much genuine and friendly support from lecturers and staff. I did not realise that adult education could be so rewarding. This program can be an excellent beginning in fulfilling your educational goals. ”

JUDITH FIGUCIO

COURSE:
LINGUISTICS 1

COURSE CODE:
EPHUMA149

UNIT VALUE:
10 UNITS

Linguistics is the study of language, of what is known and used every day—the method of human communication.

The course focuses on the nature, development and use of language and will introduce students to the study of language at university level. The discovery of 'What language is' develops students' understanding of the nature and complexity of language. Topics include first language acquisition, grammatical concepts, animal and human communication and the use of language in society.

Linguistics provides a good general foundation for study in the Humanities and Social Sciences and in particular for Speech Pathology, Languages and Teaching. This course aims to enable the student to glimpse the intricacy and wonderment of language and also to gain academic skills such as essay writing, research and critical analysis skills for effective study at university.

COURSE:
STUDIES IN LAW 1

COURSE CODE:
EPHUMA147

UNIT VALUE:
10 UNITS

Studies in Law 1 provides students with a sound knowledge of legal principles such as the sources of law, the structure of Australian government and how courts and the legal professions work. This course also looks at what laws should be and what governments should do, questions that go to the heart of all societies. Whether or not students choose to undertake further legal studies, the course has many useful applications in everyday life. A good knowledge of how our legal system works is important for teachers, nurses, engineers, social workers, managers, retailers; indeed, every professional should know their legal rights and responsibilities. The course is designed to be both practical and engaging and will also help ease you into academic life by building the skills needed for your future studies, skills such as writing an essay.

COURSE:
CORE MATHEMATICS 1

COURSE CODE:
EPMATH134

UNIT VALUE:
10 UNITS

The aim of Core Mathematics 1 is to develop an understanding of basic mathematical principles to a standard sufficient to cope with mathematics required within Social Science and other undergraduate courses. Core Mathematics does not prepare people to study Mathematics at first-year level at university, but it should provide a good foundation for those intending to study in the Behavioural Sciences, Nursing or Primary Teaching.

The course is concerned with two topic areas:

- numeracy
- algebra.

COURSE:
FOUNDATION CONCEPTS FOR
CHEMISTRY AND THE LIFE SCIENCES

COURSE CODE:
EPCHEM137

UNIT VALUE:
10 UNITS

This course is specifically designed to prepare students who intend to pursue further studies in either Chemistry or the Life Sciences. Students will develop skills in observation, research and communication appropriate to further study in the fields of Science and Health Science.

Topics include:

- the concept of atoms, molecules and ions
- the periodic table
- chemical bonding
- chemical reactions and energy
- properties of solutions
- acids, bases and pH
- organic chemistry and molecules of biological importance.

The course includes a 'virtual' laboratory session and an associated assignment.

The course would be of value to students intending to study Medical Radiation Science, Nursing, Occupational Therapy, Nutrition and Dietetics, Exercise and Sports Science, Food Science and Human Nutrition, Oral Health, Speech Pathology, Health and Physical Education and Podiatry.

COURSE:
EARTH SCIENCE 1

COURSE CODE:
EPGEOS141

UNIT VALUE:
10 UNITS

Earth Science Systems

Earth Science 1 provides a dynamic introduction to Earth Science systems. It introduces the disciplines of Geology, Physical Geography and Environmental Science and affords a better understanding of the Earth and its processes.

No prior knowledge is assumed. The course provides a sound basis on which to proceed to undergraduate studies in the Earth and Environmental Sciences and provides a body of knowledge and skills, complete in itself, for those planning to continue their study in other areas of Science, Technology or Teaching.

The course covers:

- the Earth as a planet
- continental drift and plate tectonics
- earthquakes
- volcanic activity
- rock forming minerals
- igneous, sedimentary and metamorphic processes and products
- fossils, evolution and geological time.

The course includes a 'virtual' field excursion and an associated assignment.

COURSE DESCRIPTIONS SEMESTER 2

COURSE:

AUSTRALIAN HISTORY 2

COURSE CODE:

EPHUMA231

UNIT VALUE:

10 UNITS

Australian History in the Twentieth Century

For a significant part of the twentieth century Australians were at war. The experiences of the soldiers, and the conditions thrown up by war, have powerfully shaped Australian culture and society. The first part of this course traces the development of the Anzac tradition and examines Australia's military involvement from the Boer War until the Vietnam War. In the second part students may explore, among other topics, the Great Depression, the growth of the great Australian suburbs, post World War Two immigration and the emergence of youth culture. While the course has a social history focus, students will be invited to consider the political, economic and cultural aspects of twentieth century Australian history.

Assumed Knowledge: EPHUMA131
Australian History 1

COURSE:

LINGUISTICS 2

COURSE CODE:

EPHUMA249

UNIT VALUE:

10 UNITS

This course expands the student's knowledge through the consideration of theoretical and applied topics in Linguistics.

The topics include: semantics (meaning), phonetics and phonology (sounds and sound patterns), morphology (word formation) and sociolinguistics topics such as Australian English and Pidgin and Creole languages. Students will learn about their own dialect (Australian English) and what makes it unique.

The course also aims to allow students to have a deeper understanding of the rules and patterns of words and sounds, the social use of language and the development of a language.

The development of academic skills such as research skills, analytical skills, critical reading and academic writing will enable the student to study effectively in many subjects, particularly Humanities and Social Sciences subjects, including Speech Pathology and Education.

Assumed Knowledge: EPHUMA149
Linguistics 1

COURSE:

STUDIES IN LAW 2

COURSE CODE:

EPHUMA247

UNIT VALUE:

10 UNITS

Studies in Law 2 builds on the foundations laid down in Studies in Law 1. The course first looks into the fascinating area of criminal law, examining topics such as murder, manslaughter and criminology (the study of why people commit crimes). The course then considers other essential areas of law including the law of torts (negligence), defamation, property and health as well as laws relating to consumers, where students will learn if 'No refund' signs really mean what they say. The course finally examines more general, contemporary or topical legal issues where students will be involved in refining their critical and analytical skills and knowledge of legal principles by working through legal scenarios. In Studies in Law 2, students are allowed a choice of topic for independent research into an area of their own interest.

COURSE:
CORE MATHEMATICS 2

COURSE CODE:
EPMATH234

UNIT VALUE:
10 UNITS

The aim of Core Mathematics 2 is to extend some of the basic mathematical concepts that were introduced in Core Mathematics 1. The mathematics introduced is intended for those students requiring maths for the social sciences and any vocation where a basic knowledge of probability or statistics is required. It does not prepare people to study Mathematics at first year level at university, but it should provide a good foundation for those intending to study in the Behavioural Sciences, Nursing, Primary Teaching or Construction Management.

The three major topic areas of this course will be linear graphs, basic probability and basic statistics. Students will develop problem-solving skills during the course through practical applications of probability and statistics.

Assumed Knowledge: EPMATH134 Core Mathematics 1

COURSE:
EARTH SCIENCE 2

COURSE CODE:
EPGEOS241

UNIT VALUE:
10 UNITS

Earth Science Applications

Earth Science 2 provides a dynamic introduction to Earth Science applications. It applies the skills and knowledge of Geology, Physical Geography and Environmental Science to the solution of problems involving the Earth and its processes.

This course provides a sound basis on which to proceed to undergraduate studies in the Earth and Environmental Sciences and provides a body of knowledge and skills, complete in itself, for those planning to continue their study in other areas of Science, Technology and Education.

The course covers:

- mineral resources
- glaciation and ice ages
- topographic and geologic maps and cross sections
- landscape interpretation
- local geology
- environmental issues
- geological catastrophes
- engineering geology.

The course includes a 'virtual' field excursion and an associated assignment.

Assumed Knowledge: EPGEOS141 Earth Science 1

COURSE:
INTRODUCTION TO THE LIFE SCIENCES

COURSE CODE:
EPBIOL259

UNIT VALUE:
10 UNITS

This course is specifically designed to prepare students who intend to pursue further studies in either Chemistry or the Life Sciences. Students will develop skills in observation, research and communication appropriate to further study in the fields of Science and Health Science.

Topics include:

- the components of cells and their function
- osmosis
- anatomy
- tissues
- body systems and organs
- body functions
- homeostasis
- important biochemical reactions.

The course includes a 'virtual' laboratory session and an associated assignment.

The course would be of value to students intending to study Medical Radiation Science, Nursing, Occupational Therapy, Nutrition and Dietetics, Exercise and Sports Science, Food Science and Human Nutrition, Oral Health, Speech Pathology, Health and Physical Education and Podiatry.

Assumed Knowledge: EPCHEM137 Foundation Concepts for Chemistry and the Life Sciences

PROGRAMS RECOGNISING OPEN FOUNDATION FOR DEGREE ADMISSION

At the University of Newcastle, degree programs are offered by five Faculties:

- Business and Law,
- Education and Arts,
- Engineering and the Built Environment,
- Health and
- Science and Information Technology.

The Faculties have made recommendations for the most appropriate Open Foundation by Distance courses to study as preparation for particular degree programs. These courses are recommendations only.

Where no courses are listed against a particular degree program, any of the courses from Open Foundation by Distance are considered to be appropriate.

For further information on any of the degree programs listed below please visit the 'What Can I Study?' site at: www.newcastle.edu.au/what-can-i-study/undergraduateprograms

Career planning information can be found at:

www.newcastle.edu.au/service/careers/students/

Where degree programs are available

Before working through the following lists of Faculty programs, note that:

CAL = Available at Callaghan Campus

OUR = Available at Ourimbah Campus

PM = Available at Port Macquarie Campus

DIST = Available though Distance Education

FACULTY OF BUSINESS AND LAW

FACULTY PROGRAMS	FACULTY RECOMMENDATIONS FOR OPEN FOUNDATION BY DISTANCE COURSES
Bachelor of Business (CAL/OUR) Bachelor of Commerce (CAL/OUR) Bachelor of Business/Bachelor of Commerce (CAL/OUR)	Mathematics and Studies in law
Combined Law degree programs (CAL): Admission is competitive. A year of study in a single degree program may be required prior to gaining a place in Combined Law. Bachelor of Aboriginal Professional Practice/Bachelor of Laws Bachelor of Arts/Bachelor of Laws Bachelor of Business/Bachelor of Laws Bachelor of Commerce/Bachelor of Laws Bachelor of Communication/Bachelor of Laws Bachelor of Science/Bachelor of Laws Bachelor of Social Science/Bachelor of Laws	For the Bachelor of Laws—Studies in Law Refer to Bachelor of Aboriginal Professional Practice Refer to Bachelor of Arts Refer to Bachelor of Business Refer to Bachelor of Commerce Refer to Bachelor of Communication Refer to Bachelor of Science Refer to Bachelor of Social Science

FACULTY PROGRAMS	FACULTY RECOMMENDATIONS FOR OPEN FOUNDATION BY DISTANCE COURSES
Bachelor of Business (CAL/OUR) Bachelor of Commerce (CAL/OUR) Bachelor of Business/Bachelor of Commerce (CAL/OUR)	Mathematics and Studies in law
Combined Law degree programs (CAL): Admission is competitive. A year of study in a single degree program may be required prior to gaining a place in Combined Law. Bachelor of Aboriginal Professional Practice/Bachelor of Laws Bachelor of Arts/Bachelor of Laws Bachelor of Business/Bachelor of Laws Bachelor of Commerce/Bachelor of Laws Bachelor of Communication/Bachelor of Laws Bachelor of Science/Bachelor of Laws Bachelor of Social Science/Bachelor of Laws	For the Bachelor of Laws—Studies in Law Refer to Bachelor of Aboriginal Professional Practice Refer to Bachelor of Arts Refer to Bachelor of Business Refer to Bachelor of Commerce Refer to Bachelor of Communication Refer to Bachelor of Science Refer to Bachelor of Social Science

FORMER OPEN FOUNDATION STUDENT LORRAINE HAWDON SAYS

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Often when I told friends and acquaintances about Open Foundation and its function as a University preparation course they would reply ‘What do you want to do that for?’ and they might well have added ‘At your age?’ or ‘Don’t you have enough to do?’ A previous Open Foundation student had said that ‘It would change your life’ and I didn’t believe her! How wrong I was. Open Foundation is a wonderful program; for me it was a time of personal growth and new-found confidence. I for one learnt not just how to write an essay but also much about myself and my capabilities. Having left school at 16 I never imagined I would be able to ‘think like an academic’.

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Students should undertake courses which will provide preliminary knowledge in the curriculum areas of the degree program.

Bachelor of Aboriginal Professional Practice (CAL)	40 units of Humanities courses
Bachelor of Arts (CAL/OUR)	
Bachelor of Fine Art (CAL)	
Bachelor of Social Science (CAL/OUR)	
Bachelor of Theology (CAL)	
Diploma in Languages (CAL)	
Diploma in Theology (CAL)	
Bachelor of Social Work (CAL)	Core Mathematics and 20 units of Humanities courses
Bachelor of Speech Pathology (CAL)	Chemistry and Life Sciences and Linguistics
Bachelor of Teaching(Primary)/Bachelor of Arts (CAL/OUR/PM)	Core Mathematics and 20 units of Humanities courses
Bachelor of Teaching(Primary)/Bachelor of Early Childhood Studies (CAL/OUR)	
Bachelor of Teaching(Secondary)/Bachelor of Arts (CAL/OUR)	40 units of Humanities courses
Bachelor of Teaching(Secondary)/Bachelor of Fine Art (CAL)	
Bachelor of Teaching(Secondary)/Bachelor of Mathematics (CAL)	Faculty recommends Science Mathematics (not available by Distance mode)
Bachelor of Teaching(Secondary)/Bachelor of Health and Physical Education (CAL)	Chemistry and Life Sciences
Bachelor of Teaching(Secondary)/Bachelor of Science (CAL)	Core Mathematics or Earth Science or Chemistry and Life Sciences
Bachelor of Teaching (Secondary)/Bachelor of Technology	Core Mathematics and either Chemistry and Life Science or 20 units of Humanities courses
Bachelor of Music (CAL)	Audition required – contact Faculty of Education and Arts to make an appointment.
Bachelor of Music/Bachelor of Arts (CAL)	

FACULTY PROGRAMS	FACULTY RECOMMENDATIONS FOR OPEN FOUNDATION BY DISTANCE COURSES
<p>Bachelor of Computer Science (CAL)</p> <p>Bachelor of Engineering (all specialisations except Chemical and Environmental Engineering) (CAL)</p> <p>Bachelor of Surveying (CAL)</p>	<p>Faculty strongly recommends Science Mathematics and Physics (neither courses available by distance study)</p> <p><i>For those students who have already studied 2 unit Mathematics or Physics at HSC level, 40 units from Open Foundation by Distance Science or Mathematics courses could be appropriate</i></p>
<p>Bachelor of Engineering (Chemical) (CAL)</p> <p>Bachelor of Engineering (Environmental) (CAL)</p>	<p>Faculty strongly recommends Science Mathematics and Chemistry (Science Mathematics not available by distance study)</p> <p><i>For those students who have already studied 2 unit Mathematics at HSC level, 40 units from Open Foundation by Distance Science or Mathematics courses could be appropriate</i></p>
<p>Bachelor of Design (Architecture) (CAL)</p>	<p>20 units of Humanities courses and Core Mathematics or Earth Science</p>
<p>Bachelor of Construction Management (Building) (CAL/DIST)</p>	<p>20 units of Humanities courses and Core Mathematics or Earth Science</p>

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When I thought of applying for Open Foundation I had serious doubts about whether I was capable of studying at university level because I had not studied for twenty years. I just made the decision and applied, what did I have to lose? I am nearly finished the year's study and am very proud of the achievements I have made. To get the results I had to work hard, but the lecturers are wonderful and the University has a fantastic support network. Good luck in your studies in Open Foundation.”

LOUISA TOWNSEND

It is recommended that students intending to apply for admission to Faculty of Health programs enrol in health and/or science-related courses. This will provide you and the University with a good indication of your ability to undertake tertiary study in a scientific/health environment and, at the same time, assist in your preparation to commence this study should your application be successful.

Bachelor of Biomedical Science (CAL) Bachelor of Podiatry (OUR)	Chemistry and Life Sciences and Core Mathematics
Bachelor of Nutrition and Dietetics (CAL) Bachelor of Occupational Therapy (CAL) Bachelor of Oral Health (OUR) Bachelor of Midwifery (CAL) Bachelor of Nursing (CAL/OUR/PM) Bachelor of Physiotherapy (CAL)	Chemistry and Life Sciences
Bachelor of Medical Radiation Science (CAL)	Chemistry and Life Sciences. Faculty also recommends Science Mathematics and Physics (not available by Distance mode)
Bachelor of Medicine (CAL)	Open Foundation not accepted for entry

FACULTY PROGRAMS	FACULTY RECOMMENDATIONS FOR OPEN FOUNDATION BY DISTANCE COURSES
Bachelor of Mathematics/Bachelor of Computer Science (CAL) Bachelor of Mathematics (CAL) Bachelor of Mathematics/Bachelor of Science (CAL)	Faculty recommends Science Mathematics (not available by Distance mode) and either Chemistry and Life Sciences or Earth Science
Bachelor of Biotechnology (CAL)	Core Mathematics and Chemistry and Life Sciences
Bachelor of Arts/Bachelor of Science (CAL/OUR) Bachelor of Environmental Science and Management (CAL) Bachelor of Science (CAL/OUR)	Core Mathematics, Chemistry and Life Sciences or Earth Science
Bachelor of Communication (CAL) Bachelor of Visual Communication Design (CAL) Bachelor of Natural History Illustration (CAL) Bachelor of Development Studies (CAL)	At least 20 units of Humanities courses
Bachelor of Food Science & Human Nutrition (OUR)	Chemistry and Life Sciences
Bachelor of Information Technology (CAL/OUR) Bachelor of Information Technology/Bachelor of Business (CAL/OUR) Bachelor of Psychology (CAL/OUR)	Core Mathematics plus 20 units in Science or Humanities courses
Bachelor of Science with a major in Photonics (CAL)	Faculty recommends Science Mathematics (not available by Distance mode).
Bachelor of Exercise and Sport Science (OUR)	Core Mathematics and Chemistry and Life Sciences

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My experience studying through Open Foundation was nothing but positive. The support I received from lecturers and fellow students gave me the opportunity to take on many challenges and succeed. I was concerned that as a mature aged student I would find tertiary education difficult, however in an atmosphere where everyone genuinely wants you to succeed I was given the confidence to learn. I am presently continuing my education with a degree in Natural History Illustration at Newcastle University and finally pursuing a lifelong ambition. Open Foundation is a wonderful beginning to a further education at University or just the pathway to a new direction. ”

TANYA HOOLIHAN

CAMPUS MAPS OURIMBAH



CODE	BUILDING NAME	MAP REFERENCE
AB	Pro Vice-Chancellor's Unit IT Services (17000) Clinical Skills Labs WorkCover Research Centre of Excellence	H5
Ac	Horticulture (Acacia)	A12
BC	Building & Construction Studies Centre	H13
BE	Business & Investment Centre of Excellence Faculty of Health offices	H6
BI	Business Incubator	E12
BO	Business Offices	G11
Br	Horticulture (Brackenvine)	A12
Ca	The Castle	A9
CC	Child Care Centre	C8
CCA	Community College Classrooms 1 – 3	A9
CCB	Community College Classrooms 4 – 5	B8
CCC	Community College Classrooms 7 – 8	B6
CCD	Community College Classrooms 6	A7
CN1	Classrooms North 1	H12
CN2	Classrooms North 2	F12
Co	The Cottage	A8
CS	Classrooms South Café East	B12 B12
EC	Early Childhood Studies (Yerra)	H9
EH	Student Accommodation (Blue Gum House)	C3
FA	Fine Art / Drama Studio	H8
FM	Facilities Management	A4
GI	NSW Department of Sport & Recreation, Regional Office (The Glen)	B7
He	The Hermitage	A12
HO	Humanities Offices	D11
IRC	Information Resource Centre (Library) Gibalee	G7 F7
IT	Café Express IT Studies Centre	G9 G10
Lo	Community College Administration (The Lodge)	A10
LT1	Lecture Theatre 1	G9
LT2	Lecture Theatre 2	G8
Ma	Central Coast Environment Network (The Manor)	A9
MC	Tennis Courts	D3
MP	North Sydney/Central Coast Area Health Service	A8
NP	Nursery	A3
OH	Student Hub	E6
Po	Podiatry	A11
P2	Ponds 2	A11
P4	Ponds 4	A10
SA	Campus Central Co-op Bookshop Student Amenities Student Support Unit	F6 F6 F6 F6
SL1	Science Laboratories 1	B11
SL2	Science Laboratories 2	C12
SO	Science Offices	C10
TH	Preview Restaurant	G6
TO	Tourism & Hospitality Technology Offices	G6 H11

CAMPUS MAPS PORT MACQUARIE



Foundation Studies

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(TTY) is available on 02 4921 7040

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The University reserves the right to withdraw any program or course; change the content or other aspects of any program or course; limit enrolments in any program or course; and/or alter the tuition fees for any program or course described in this publication.

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