Foundation Studies (Extended)

Streams: 1, 2, 3

Course Code:	1933 Foundation Studies (Extended) (CRICOS Code: 023266F)
Year of issue:	2024

Course Outline

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Foundation Studies (Extended) Course Outline

1   Course Description

The UOW College Australia (UOWCA) Foundation Studies (Extended) course is a full-time program of three sessions in duration. It is designed to provide alternative entry to the University of Wollongong (UOW) and other Australian and overseas universities for international students who have not met the direct entry requirement to a bachelor degree.

There are three streams in the Foundation Studies Extended course. The program allows students to study subjects within a selected stream relevant to their degree.

Each session is of 14 weeks' duration, including 12 weeks of tuition and a two-week study and examination period. The focus of the course is on the development of academic skills and content knowledge relevant to future university study.

Course contact hours are a combination of timetabled tutorials, seminars and workshops.   Students are also expected to attend an additional 100 hours of scheduled activites across the enrolled program. This includes: course information sessions; introductory workshops; individual support consultation, and; peer assisted and student mentor workshops.

2   Graduate Qualities

The Foundations Studies Extended Program is designed to assist students in developing the UOW College Australia Graduate Qualities. It helps students become:

1.   **Informed**: Have a basic knowledge of an area of study and understand its issues. Know how to apply this knowledge.

2.   **Independent Learners:** Begin to engage with new ideas and ways of thinking and critically analyse issues. Seek to extend knowledge through ongoing enquiry and active learning. Find and evaluate information, using a variety of sources and technologies. Acknowledge the work and ideas of others.

3.   **Problem Solvers:** Demonstrate introductory levels of creative, logical and critical thinking skills to respond effectively to problems. Be flexible and thorough.

4.   **Effective Communicators**: Articulate and convey ideas effectively using a range of media. Work collaboratively and engage with people in different settings.

5. **Responsible:** Understand how decisions can affect others and make ethically informed choices. Appreciate and respect diversity and act with integrity. Take responsibility for one's own learning and completion of assessment tasks.

3   Course Learning Outcomes

The objective of all academic courses at UOW College Australia is to assist students to become independent learners who are prepared for future university study.

Graduates will be able to:

1. Demonstrate language and literacy skills in order to read, write, present and listen effectively at a tertiary level.

2. Demonstrate the ability to locate, evaluate and use information appropriately at a tertiary level.

3. Demonstrate the ability to utilise computer technology in order to function effectively in a university environment.

4. Demonstrate numeracy skills in order to interpret, understand and analyse information at a tertiary level.

5. Apply a range of skills that demonstrate independent learning.

4 Course Learning Outcomes Mapped to Graduate Qualities

The table below shows how the graduate qualities are integrated into the course learning outcomes:

Course Learning Outcomes/Graduate Qualities	1. Informed	2. Independent Learners	3. Problem Solvers	4. Effective Communicators	5. Responsible
1. Demonstrate language and literacy skills in order to read, write, present and listen effectively at a tertiary level.	✓	✓	✓	✓	
2. Demonstrate the ability to locate, evaluate and use information appropriately at a tertiary level.		✓	✓		✓
3. Demonstrate the ability to utilise computer technology in order to function effectively in a university environment.		✓		✓	
4. Demonstrate numeracy skills in order to interpret, understand and analyse information at a tertiary level.			✓		
5. Apply a range of skills that demonstrate independent learning.		✓	✓		✓

5   Course Structure and Subjects

1933: FOUNDATION STUDIES EXTENDED						

SESSION 1: UOW College Session Dates

Subject Code	Subject Name	Credit Points	Contact Hours a Week	Stream 1	Stream 2	Stream 3
FSPW001	Academic Skills - English	8	8	*	*	*
FSPW002	Academic Skills - Maths	8	8	*	*	*
FSPW006	People and Society	4	4	*	*	*
FSPW008	Enivronmental Science	4	4	*	*	*
Total Credit Points				**24**	**24**	**24**
Total Weekly Class Hours				**24**	**24**	**24**

SESSION 2: UOW College Session Dates

Subject Code	Subject Name	Credit Points	Contact Hours a Week	Stream 1	Stream 2	Stream 3
FSPW102	English for Academic Study 1*	4	8	*	*	*
PREP030	Launch	2	2	*	*	*
PREP031	Language for Learning	6	4	*	*	*
PREP032	Scientific Thinking	6	4	*	*	*
PREP033	Mathematics for the Humanities	6	4	*		
PREP034	Mathematics for the Sciences	8	8		*	
PREP036	Mathematics for Engineering 1^	8	8			*
Total Credit Points				**24**	**26**	**26**
Total Weekly Class Hours				**22**	**26**	**26**

SESSION 3: UOW College Session Dates

Subject Code	Subject Name	Credit Points	Contact Hours a Week	Stream 1	Stream 2	Stream 3
PREP011	Our Place in Space and Time	6	4	*		
FSPW022	Physics	4	4			*
FSPW023	Chemistry	4	4		*	*
PREP027	Business and Consumer Studies	6	6	*	*	
PREP029	Computing Studies	6	4	*	*	
FSPW202	English for Academic Study 2*	6	8	*	*	*
PREP037	Mathematics for Engineering 2^	8	8			*
Total Credit Points				**24**	**22**	**22**
Total Weekly Class Hours				**22**	**22**	**24**

*FSPW102 English for Academic Study 1 is a pre-requisite for FSPW202 English for Academic Study 2. Students must achieve a final subject mark of at least 50% in FSPW102 to enrol in FSPW202.

^PREP036 Mathematics for Engineering 1 is a pre-requisite for PREP037 Mathematics for Engineering 2. Students must achieve a final subject mark of at least 50% in PREP036 to enrol in PREP037.

Expected Course Workload

As a guide, the workload for your course is determined by the number of subjects you take each session. Attempting four subjects in a standard session is considered to be a fulltime load i.e. equivalent to working fulltime (35-45hrs a week).

Each subject in this course has designated contact hours where you are required to attend classes including lectures, tutorials, workshops or other structured learning experiences.

To be successful in this course you are also required to undertake independent learning activities outside of your scheduled classes, this includes:

- Preparing for classes: homework, readings and reviewing learning materials.
- Independently researching and/or practicing knowledge and skills.
- Completing all assessment tasks and studying for examinations.
- Attending learning support services.

6   Subjects Mapped to Course Learning Outcomes

Subject/Course Learning Outcomes	1. Demonstrate language and literacy skills in order to read, write, present and listen effectively at a tertiary level.	2. Demonstrate the ability to locate, evaluate and use information appropriately at a tertiary level.	3. Demonstrate the ability to utilise computer technology in order to function effectively in a university environment.	4. Demonstrate numeracy skills in order to interpret, understand and analyse information at a tertiary level.	5. Apply a range of skills that demonstrate independent learning.
FSPW001 Academic Skills – English	✓		✓		✓
FSPW002 Academic Skills – Maths				✓	✓
FSPW006 People and Society	✓		✓		✓
FSPW008 Environmental Science	✓				✓
PREP011 Our Place in Space and Time	✓	✓	✓		✓
FSPW022 Physics				✓	✓
FSPW023 Chemistry				✓	✓
PREP027 Business and Consumer Studies	✓	✓			✓
PREP029 Computing Studies		✓	✓		✓
FSPW102 English for Academic Study 1	✓	✓			✓
FSPW202 English for Academic Study 2	✓	✓			✓
PREP030 Launch		✓			✓
PREP031 Language for Learning	✓	✓	✓		
PREP032 Scientific Thinking	✓	✓	✓		✓
PREP033 Mathematics for the Humanities				✓	

Subject/Course Learning Outcomes	1. Demonstrate language and literacy skills in order to read, write, present and listen effectively at a tertiary level.	2. Demmonstrate the ability to locate, evaluate and use information appropriately at a tertiary level.	3. Demonstrate the ability to utilise computer technology in order to function effectively in a university environment.	4. Demonstrate numeracy skills in order to interpret, understand and analyse information at a tertiary level.	5. Apply a range of skills that demonstrate independent learning.
PREP034 Mathematics for the Sciences				✓	
PREP036 Mathematics for Engineering 1				✓	
PREP037 Mathematics for Engineering 2				✓	

7 Progression Guidelines

UOW Degree Course Offers and Study Streams

UOW Faculty, Degree and Course Code	Code	Stream
Faculty of Arts, Social Sciences and Humanities		
Bachelor of Arts	702	1
Bachelor of Arts (Psychology)	708	1
Bachelor of Communication and Media	1706	1
Bachelor of Creative Arts	840	1
Bachelor of Geography	1708	2
Bachelor of International Studies	1817	1
Bachelor of Journalism	852	1
Bachelor of Psychological Science	364	1
Bachelor of Public Health	1833	1
Bachelor of Science (Human Geography, or Environment and Heritage Management)	1874	2
Bachelor of Social Science	344	1
Bachelor of Sport	3062	1
Bachelor of Sustainable Communities	370	1
Faculty of Business and Law		
Bachelor of Business	3090	1
Bachelor of Business Administration	3091	1
Faculty of Engineering and Information Sciences		
Bachelor of Business Information Systems	1838	2
Bachelor of Computer Science	766	2
Bachelor of Engineering (Honours)	1856	3
Bachelor of Information Technology	1807	2
Bachelor of Mathematics	762	3
Bachelor of Medical and Radiation Physics	847	3
Bachelor of Science (Atmospheric Science, Biomolecular Physics, Nuclear Science & Technology, or Physics)	757	3
Bachelor of Technology	3119	2
Faculty of Science, Medicine and Health		
Bachelor of Exercise Science	1868	2
Bachelor of Medical & Health Sciences	1830	2
Bachelor of Nutrition Science	1869	2
Bachelor of Science (Biological Sciences, Bionanotechnology, Chemistry, Conservation Biology, Environment, Geology, Medical Biotechnology, Medicinal Chemistry, Physical Geography & Environmental Geosciences)	742	2

Course Progression Requirements

1. Progression from Session 1 to Session 2 requires a minimum final result of 50% for three of the four Session 1 subjects (one of which must be FSPW001 Academic Skills - English) and a four-subject minimum average of 50%

2. Stream 3 students with UOW Faculty of Engineering & Information Sciences degree offers must achieve a minimum final result of 60% for FSPW002 Academic Skills - Maths.

3. Progression from Session 2 to Session 3 requires a minimum final result of 50% for each Session 2 subject, or in the case of PREP030 Launch, a grade of Satisfactory.

4. Progression from Session 3 of Streams 1 and 2 to a UOW degree offer requires a minimum final result of 60% for each Session 3 subject.

5. The Stream 3 subject PREP036 Mathematics for Engineering 1 is a pre-requisite for PREP037 Mathematics for Engineering 2. Students must achieve a final subject mark of at least 50% in PREP036 to enrol in PREP037.

6. Progression from Session 3 of Stream 3 to a UOW degree offer requires a minimum final result of 65% in each Session 3 subject.

7. Foundation Studies (Extended) subjects are not eligible for UOW credit transfer.

Progression to a UOW College Australia Higher Education Diploma Course

Students who complete Foundation Studies Extended but do not meet all progression requirements for their UOW degree course offer may be eligible for the offer of a related UOW College Australia higher education Diploma.

Students can be considered for entry to a Diploma only on completion of all subjects in the relevant Foundation Studies Stream.

Diploma of Business (2 Session)

- Available to Stream 1 students with a UOW Bachelor of Business or Bachelor of Commerce offer.
- Eligible students are those who pass all Stream 1 subjects with a minimum result of 50% for each subject.

Diploma of Engineering (2 or 3 Session)

- Available to Stream 3 students with a UOW Bachelor of Engineering (Honours) offer.
- Eligible students are those who pass all Stream 3 subjects with a minimum result of 50% for each subject.

Diploma of Information Technology (2 Session)

- Available to Stream 2 students with a UOW Bachelor of Business Information Systems or Bachelor of Computer Science or Bachelor of Information Technology or Bachelor of Technology offer.

- Eligible students are those who pass all Stream 2 subjects, as appropriate, with a minimum result of 50% for each subject.

Diploma of Science (2 Session)

- Available to Stream 2 students with a UOW Bachelor of Science offer.

- Eligible students are those who pass all Stream 2 subjects with a minimum result of 50% for each subject.

Each Diploma offers UOW credit transfer. Please refer to the Credit transfer arrangements page for more detailed information - https://www.uowcollege.edu.au/study/credit-transfer-arrangements/

8   Entry Requirements / Admissions Guidelines

Entry requirements for this course can be viewed online at:

https://coursefinder.uow.edu.au/information/index.html?course=foundation-studies-uow-college

9   Assessment

Students are required to complete a number and variety of assessment tasks related to their streams of study.

Each subject has a subject outline that is issued to students. Subject outlines contain a broad overview of subject objectives, an assessment schedule, a list of learning resources and a weekly topic outline. Subject outlines also contain an explanation of assessment components.

All assessment tasks with a weighting of 10% or greater contain clear marking criteria and an answer/marking guide.

All aspects of assessment are governed by Policy, Procedures and Guidelines, which can be viewed at: https://www.uowcollege.edu.au/about/policies-procedures/index.html.

10 Quality Assurance

The College applies formal quality assurance processes to its design of courses and assessments. These processes include:

- Standardisation of course content and delivery in accordance with Subject Outlines;

- Mandatory inclusion of clear and appropriate marking criteria in assessment tasks;

- Moderation of marking of student assessment tasks to ensure that the assessment criteria have been applied consistently, and to address differences in judgement between individual markers;

- A regular schedule of audits on student assessment tasks using randomly-selected samples of student work; and

- The use of feedback from students and teachers to inform continuous improvement of curriculum, delivery, policies and procedures.

11 Subject Descriptions

FSPW001 Academic Skills - English

This subject is designed to help students develop their knowledge and understanding of English academic skills in order to help prepare them for tertiary studies. The subject will focus on developing academic skills in reading, writing, listening and speaking. The approach used will focus on developing skills in using English that are essential to success at college and university through a variety of classroom approaches that aim to develop the confidence and ability to use these skills both independently and in working with others. In addition, students will learn the conventions of academic research; how to access and assess information from a variety of sources available at university and elsewhere as well as how to use information in an ethical and responsible manner. Academic progress in all subjects will be assisted by the progress made in developing academic skills in English.

FSPW002 Academic Skills - Maths

This subject is designed to provide students with a level of mathematical language and knowledge that will prepare them for further studies of Mathematics in Sessions 2 and 3 of Foundation Studies Extended Program. This subject is designed to develop skills in calculation, manipulation and problem solving and provide the language necessary to carry out these tasks. The focus of this subject is both on developing mathematical skills and improving competence in the language and terms of mathematics

FSPW006 People and Society

People and Society introduces the study of people and society and the relationships between them by focusing on the basic concepts of Sociology and relating them to the experiences of students as individuals with a background and knowledge of a particular society and culture and as people who are experiencing a multicultural world. The main area of focus is on how people might continue to relate in a globalising world where resources are shared

FSPW008 Environmental Science

Environmental Science is the study of the earth's natural systems and the way humans interact with these natural systems. These include the biological world, the atmosphere, the hydrosphere and the urban environment (cities). Environmental Science also introduces the concept of applying scientific information to manage and resolve conflicts that can arise from human activities that utilise the earth's resources and environments. Environmental Science is an interdisciplinary subject combining information from fields such as geography, biology, chemistry, business, political science, law and ethics. This subject is designed to provide an introductory understanding and appreciation of the basic scientific knowledge, skills and terminology used to describe environmental processes. A selection of important environmental issues will be examined to provide the context for this. Problem solving exercises, as well as the active collection and evaluation of data related to contemporary environmental issues, will provide students with an introduction to

conducting primary research and to understanding the complex cause-effect relationships within our diverse environments.

PREP011 Our Place in Space and Time

This subject examines our past, explains our present, and imagines our future. It aims to help students see themselves as part of the history of everything, in order to better understand their place in the world and how everything is interconnected. It brings together a broad range of both historical and scientific accounts of many different temporal and spatial scales

FSPW022 Physics

This subject provides an understanding of some of the physical laws governing the operation of the universe. This subject will prepare students for the study of science and engineering at university. It will also help the student evaluate whether they are able to continue to study physics at university as they are required to do for several science and all engineering subjects.

FSPW023 Chemistry

This subject introduces students to fundamental principles of chemistry and provides practical experience with basic chemical apparatus and techniques. This subject is directed towards students with little or no background in chemistry, and covers aspects of introductory physical and inorganic chemistry.

PREP027 Business and Consumer Studies

This subject provides a pathway to several academic disciplines. It introduces the language and methodologies of the social sciences to prepare students for the types of analysis used in economics, management, finance, sociology, behavioural science and other arts and commerce subjects. It develops a range of skills including the use of scientific method in a social science context and the use of models as diagrams, graphs, and formulae.

PREP029 Computing Studies

This subject will provide students with the basis for understanding the concepts of various information and communications technologies. It will also provide an appreciation for the use of technology in academic research. Students will acquire essential computing skills to succeed in academic study.

FSPW102 English for Academic Study 1

This subject is designed to extend the language and research skills required in other Foundation Studies subjects. There is a particular emphasis on academic literacy skills. The macro skills of reading, writing, speaking and listening are developed through practice activities and regular assessment tasks.

FSPW202 English for Academic Study 2

This subject is designed to extend the language and research skills required in other Foundation Studies subjects. There is a particular emphasis on academic literacy skills. The macro skills of reading, writing, speaking and listening skills are developed through practice activities and regular assessment tasks.

PREP030 Launch

This subject explores the common expectations and experiences of university study in order to assist students to transition effectively to a higher education learning environment. Students will be introduced to the technological platforms and skills required to effectively complete their studies, the importance of academic integrity, available support services and resources, and strategies to develop capabilities of independent learning. Students will be engaged in presentations and activities related to these aspects of academic life to cultivate the development of their student identity in the context of a learning community.

PREP031 Language for Learning

This subject provides students with opportunities to develop their knowledge of, and competence and confidence in the use of text-based language in preparation for future studies. Students will be introduced to a variety text types and genres commonly used in tertiary study, with a focus on engaging with, and critically analysing, sources of information in terms of purpose for writing, the style employed and writing techniques evident in the text. The focus is on developing language skills and improving students' capability to both evaluate the content of a variety of texts, and to employ that knowledge in their own written and spoken tasks.

PREP032 Scientific Thinking

This subject provides students with a functional understanding of the basic tenets of science, the underlying cognitive skills that allow us to solve complex problems, and strategies to investigate and interpret the world around us. Students will be challenged with problem-solving activities relevant to the sciences to develop a range of key cognitive capacities, including critical, logical and creative thinking, and an understanding of concepts such as objectivity, variables, theory, and Occam's razor. The focus is on developing skills required to design, conduct, analyse and present the findings of primary research related to a United Nations Sustainable Development Goal (UN SDG). Students will also develop their global citizenship through evaluating the significance of their selected SDG, and its relevance to their future study and career pathways.

PREP033 Mathematics for the Humanities

This subject provides an introductory study of mathematics and statistics as a foundation for further study in disciplines including Business and the Humanities. Mathematics for the Humanities focusses on reinforcing the fundamental concepts of basic arithmetic, basic algebra, linear equations, probability and statistics. The subject

familiarises students with language, terminology and analytical problem-solving techniques used in mathematics and statistics.

PREP034 Mathematics for the Sciences

This subject provides a minimal assumed knowledge of mathematics for students entering a selection of Science and Technology degrees at an undergraduate level. The focus is on developing mathematics skills and improving competencies and confidence in the language and techniques of mathematics. The general topic areas covered in this subject are arithmetic, algebra, equations, functions, trigonometry, limits and calculus. Where possible science and technology applications will be used to demonstrate the relevance of these skills.

PREP036 Mathematics for Engineering 1

The focus of this subject is on developing mathematical skills and improving competence and confidence in the language and techniques of mathematics for Engineering and relevant disciplines. The general topics covered in this subject are: algebra, coordinate geometry, functions and trigonometry. Where appropriate, engineering problems will be used to demonstrate the relevance of these skills.

PREP037 Mathematics for Engineering 2

A major component of this subject is the introduction and development of techniques of calculus. The topics covered in this subject are: sequences and series, calculus and applications of calculus. The subject develops analytical problem-solving skills and provides opportunities for students to apply mathematical methods through problem solving.

12 Version Control Table

Version Control	Date Effective	Approved By	Amendment
1	30/10/2021	UOWCA Academic Board	Initial release – 2022 delivery
2	25/11/2021	UOWCA Academic Board	Embed University Entrance Program into Session 1. Update course learning outcomes accordingly. Reduce number of Streams from 4 to 3. Amend credit point value of subjects.
3	12/04/2022	Academic Quality Coordinator	Administrative amendment only – corrected a clerical error in the information relating to Course Progression.
2023_V1.0	01/12/2022	College Education Commitee	New Release 2023
2024_1.0	01/12/2023	No Change	New release 2024