



UOW
COLLEGE
AUSTRALIA

—
PATHWAYS TO
UNIVERSITY OF
WOLLONGONG

University Entrance Program

Course Code: 3192 University Entrance Program

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Course Outline

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University Entrance Program Course Outline

1 Course Description

The University Entrance Program (UEP) provides an alternative entry to the University of Wollongong (UOW) for students who have not met the direct entry requirement to a degree. The focus is on effective transition to tertiary studies with a positive student identity and approach to learning. There are three Streams in the UEP program, allowing students to study subjects relevant to their chosen degree.

2 Graduate Qualities

The University Entrance 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

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.	✓	✓		✓	✓

Course Learning Outcomes/Graduate Qualities	1. Informed	2. Independent Learners	3. Problem Solvers	4. Effective Communicators	5. Responsible
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

STREAM 1 (on campus)			
Subject Code	Subject Name	Credit Points	Hours a Week
BLOCK A			
PREP030	Launch	2	2
PREP031	Language for Learning	6	8
Total Block A		8	10
BLOCK B			
PREP032	Scientific Thinking	6	8
PREP033	Mathematics for the Humanities	6	8
Total Block B		12	16

STREAM 1 (online)			
Subject Code	Subject Name	Credit Points	Hours a Week
PREP030	Launch	2	2
PREP031	Language for Learning	6	4
PREP032	Scientific Thinking	6	4
PREP033	Mathematics for the Humanities	6	4
Total Session 1		20	14

STREAM 2			
Subject Code	Subject Name	Credit Points	Hours a Week
BLOCK A			
PREP030	Launch	2	2
PREP031	Language for Learning	6	8
PREP041*	Mathematics for the Sciences A	4	8
Total Block A		12	18
BLOCK B			
PREP032	Scientific Thinking	6	8
PREP042*	Mathematics for the Sciences B	4	8
Total Block B		10	16

STREAM 3			
Subject Code	Subject Name (UOW Equivalent Subject Code)	Credit Points	Hours a Week
BLOCK A			
PREP030	Launch	2	2
PREP031	Language for Learning	6	8
DPEN021**	Enabling Mathematics A (MATH140)	3	8
Total Block A		11	18
BLOCK B			
PREP032	Scientific Thinking	6	8
DPEN022**	Enabling Mathematics B (MATH140)	3	8
Total Block B		9	16

* PREP041 provides the foundation and is a prerequisite for students to progress to PREP042.

** DPEN021 provides the foundation and is a prerequisite for students to progress to DPEN022.

The University Entrance Program may be delivered through either a traditional/standard semester format or a block delivery format. Both formats are designed to support student learning and meet the academic standards of UOW College Australia. Students will be advised of the specific delivery format applicable to their enrolment, and further details will be provided in individual subject outlines.

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.
PREP030 Launch			✓		✓
PREP031 Language for Learning	✓	✓	✓		
PREP032 Scientific Thinking	✓	✓	✓		✓
PREP033 Mathematics for the Humanities				✓	
PREP041 Mathematics for the Sciences A				✓	
PREP042 Mathematics for the Sciences B				✓	
DPEN021 Enabling Mathematics A				✓	
DPEN022 Enabling Mathematics B				✓	

7 Progression Guidelines

Progression to UOW Course Offers

1. Students with offers for:

- Bachelor of Primary Education (Stream 1)
- Bachelor of Secondary Education Offers (Stream 1, 2 or 3, depending on specialisation)

STREAM	SUBJECTS	REQUIREMENT
Stream 1	PREP030 PREP031-PREP032-PREP033	Satisfactory Grade ≥70% for each Subject
Stream 2	PREP030 PREP031-PREP032- PREP041/042	Satisfactory Grade ≥70% for each Subject
Stream 3	PREP030 PREP031-PREP032 DPEN021/022	Satisfactory Grade ≥70% for each Subject ≥50%

2. Students with an offer for:

- Bachelor of Mathematics (Stream 3)
- Bachelor of Science-EIS (Stream 3)

STREAM	SUBJECTS	REQUIREMENT
Stream 3	PREP030 PREP031-PREP032 DPEN021/022	Satisfactory Grade ≥60% for each Subject ≥50%

3. Students with all other Bachelor Offers:

STREAM	SUBJECTS	REQUIREMENT
Stream 1	PREP030 PREP031-PREP032-PREP033	Satisfactory Grade ≥60% for each Subject
Stream 2	PREP030 PREP031-PREP032- PREP041/042	Satisfactory Grade ≥60% for each Subject

Please refer to the Credit transfer arrangements for more detailed information –

<https://www.uowcollege.edu.au/courses-pathways/admissions-information/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=university-entrance-program-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 an 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 have 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/support-resources/policies-procedures/>

10 Quality Assurance

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

- Clear subject outlines that align with the objectives of the course and support consistent delivery of content;
- Mandatory inclusion of clear and appropriate marking criteria in assessment tasks;
- Moderation of marking of student assessment tasks, ensuring that the assessment criteria have been applied consistently and there is equity across 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

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 of 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.

PREP041 Mathematics for the Sciences A

PREP041 provides an introductory study of mathematics for students entering a selection of Science, Technology and Education degrees at an undergraduate level. The focus of these subjects is on developing mathematics skills and improving competencies and confidence in the language and techniques of mathematics. The general topic areas covered in PREP041 are arithmetic, algebra, and equations. Where possible science and technology applications will be used to demonstrate the relevance of these skills.

PREP041 provides the foundation and is a prerequisite for students to progress to PREP042.

PREP042 Mathematics for the Sciences B

PREP042 provides an introductory study of mathematics for students entering a selection of Science, Technology and Education degrees at an undergraduate level. The focus of these subjects is on developing mathematics skills and improving competencies and confidence in the language and techniques of mathematics. The general topic areas covered in PREP042 are functions, trigonometry, limits, and calculus. Where possible, science and technology applications will be used to demonstrate the relevance of these skills.

PREP041 provides the foundation and is a prerequisite for PREP042.

DPEN021 Enabling Mathematics A

DPEN021 introduces students to foundational mathematical ideas essential for those entering the Faculty of Engineering and Information Sciences, as well as the Bachelor of Secondary Education (Mathematics). This subject concentrates on building core mathematical skills, confidence, and familiarity with the language and processes of mathematics. Key topics include algebra, equations, straight lines, and an introduction to functions and relations. Wherever appropriate, concepts are demonstrated through simple engineering-related examples to highlight practical relevance.

DPEN021 provides the foundation and is a prerequisite for students to progress to DPEN022.

DPEN022 Enabling Mathematics B

DPEN022 continues the development of essential mathematical knowledge begun in DPEN021, supporting students progressing into the Faculty of Engineering and Information Sciences and the Bachelor of Secondary Education (Mathematics). The emphasis of this subject is on extending mathematical competence and strengthening problem-solving skills. The main areas of study include trigonometry, limits, differentiation, and integration. Engineering applications are incorporated

where suitable to demonstrate how these mathematical tools are used in real-world contexts.

DPEN021 provides the foundation and is a prerequisite for DPEN022.

12 Version Control Table

Version Control	Date Effective	Approved By	Amendment
1	09/09/2021	UOWCA Academic Board	Initial release – 2022 delivery
2023_1.0	01/12/2022	College Education Committee	Amendments to the subject schedule New release 2023
2023_2.0	04/07/2023	Academic Program Manager	Update Section 7 Course Progression - Table 1: UEP Pathways to UOW Courses Update Progression Guidelines to recognise credit transfer for DPEN010. Update Campus Name (Liverpool campus).
2024_1.0	01/12/2023	No Change	New release 2024
2024_1.1	25/06/2024	Program Manager Academic	Update to the URL links. Updates to the Progression Guidelines, B Journalism and B Mathematics Education were deleted.
2024_1.2	20/08/2024	Program Manager Academic	Updated "7. Progression Guidelines" to remove references to suspended UOW degrees. Bachelor of Sport (3063), Bachelor of Geography (1708) and Bachelor of Sustainable Communities (370) were removed.
2024_1.3	17/10/2024	Program Manager Academic	Update to the Progression Guidelines and Table 1: UEP Pathways to UOW Courses.
2024_1.4	25/10/2024	Program Manager Academic	Update to the UEP Pathways to UOW Courses
2025_1.0	03/12/2024	Program Manager Academic	Administrative amendment
2025_2	17/04/2025	Program Manager Academic	Update to the UEP Pathways to UOW Courses

2025_3	2/07/2025	Program Manager Academic	Update to the UEP Pathways to UOW Courses.
2025_4	4/07/2025	Program Manager Academic	Update to the UEP Pathways to UOW Courses.
2026_1	23/02/2026	Academic Board	New release and implementing Block delivery
2026_2	04/03/2026	Program Manager Academic	Update Section 7 progression guidelines. Included link to articulation page and removed Table 1: UEP Pathways to UOW Courses