University Entrance Program

Course Code: 3192 University Entrance Program

Year of issue: 2024

Course Outline

Contents

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 bachelor 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; Stream 1 in Business and Humanities; Stream 2 in the Sciences and Information Technology, and; Stream 3 in Engineering. The course is delivered in one session, is of 14 weeks duration, including 12 weeks of tuition and a two week study and examination period.

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 – BUSINESS AND THE HUMANITIES			
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 – SCIENCE AND INFORMATION TECHNOLOGY			
Subject Code	**Subject Name**	**Credit Points**	**Hours a Week**
PREP030	Launch	2	2*
PREP031	Language for Learning	6	4
PREP032	Scientific Thinking	6	4
PREP034	Mathematics for the Sciences	8	8
Total Session 1		**22**	**18***

STREAM 3 – ENGINEERING			
Subject Code	**Subject Name** *(UOW Equivalent Subject Code)*	**Credit Points**	**Hours a Week**
PREP030	Launch	2	2*
PREP031	Language for Learning	6	4
PREP032	Scientific Thinking	6	4
DPEN010	Enabling Mathematics *(MATH140)*	6	8
Total Session 1		**20**	**18***

* Weekly contact hours calculated for Launch are based on a sessional average.

All Sessions in this course are delivered on [UOW College session dates](#).

Bridging Subject

Stream 2 students who have not meet the course entry requirements for mathematics (refer to Section 8) are eligible to attempt a bridging subject PREP033 Mathematics for the Humanities. Students who achieve a final subject mark of 50% in PREP033 will be eligible to enrol in PREP034 Mathematics for the Sciences.

Optional Electives

FSPW022 Physics and FSPW023 Chemistry are available to UEP students and are recommended for students in Streams 2 and 3 who have not previously studied Physics and Chemistry, however, they are not required subjects. Students who elect to study these additional subjects are not required to pass these subjects in order to progress to their degree offer. FSPW022 and FSPW023 are available at the Wollongong campus only.

<u>Expected Course Workload</u>

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				✓	
PREP034 Mathematics for the Sciences				✓	
DPEN010 Enabling Mathematics				✓	

7   Progression Guidelines

Progression to UOW Course Offers

1. To successfully complete the University Entrance Program and progress to the UOW degree offer (Table 1.):

    a) Students in Streams 1 and 2 must pass each relevant subject with a final mark of at least 60% and a grade of Satisfactory for PREP030 Launch.

    b) Students in Stream 3 students must pass PREP031 and PREP032 with a final mark of at least 60%; DPEN010 with a mark of 50% and PREP030, a grade of Satisfactory.

2. Students in Stream 3 are eligible for 6 credit points of credit transfer to UOW for successful completion of DPEN010 Enabling Mathematics. All other University Entrance Program subjects are not eligible for UOW credit transfer.

Table 1: UEP Pathways to UOW Courses

Wollongong Campus	Code	Stream
B Arts (Psychology)	708	1
B Education - The Early Years	1816	1
B Psychological Science	364	1
B Science - ASSH (All Specialisations)	1874	2
B Science - EIS (All Specialisations)	757	3
B Medical and Radiation Physics	847	3
B Mathematics (All Specialisations)	762	3
Regional Campuses (Batemans Bay, Bega, Southern Highlands, and Shoalhaven)		
B Arts	702	1
B Social Science	344	1
B Nursing	394	1
Liverpool Campus		
B International Studies	1817	1

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 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.

DPEN010 Enabling Mathematics

The subject covers the main topics which are taught in mathematics years 11 and 12 at school. The chosen topics are specifically those taken as assumed knowledge in the subjects MATH141 and MATH187. The general topic areas are: algebra, trigonometry, coordinate geometry, functions and calculus. The focus is on developing mathematical skills and improving competence and confidence in the language and terms of mathematics. Where possible the work will be related to potential engineering applications.

Bridging Subjects

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.

Optional Electives

FSPW022 Physics

This subject is designed to provide 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.

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 Commitee	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.