HANDBOOK

HIGHER EDUCATION STUDIES HES

CHES CENTRE FOR HIGHER EDUCATION STUDIES

This handbook is designed for students, families and key school staff. It provides a summary of the CHES Higher Education Studies (HES) programs, the application process and the expectations and requirements of studying a HES subject at CHES

CENTRE
FOR HIGHER
EDUCATION
STUDIES

VICTORIA State Government

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Welcome to CHES

Centre for Higher Education Studies (CHES)

Welcome to the next stage in your educational journey. This is your chance to challenge yourself and to get a head start on university by studying two first-year university units (one per semester) while you are still in school.

CHES is a ground-breaking new centre of excellence that has been established to cultivate the potential of high-ability and high-achieving senior secondary school students. It is a direct response to the Victorian Government's intention that all students, regardless of their starting point, are supported to realise their full potential. As our name suggests, we are expanding access to Higher Education Studies (HES) for high-achieving government school students and we will officially open later this year, ahead of the commencement of HES programs in January 2023.

This handbook details the HES that are being offered for 2023 through CHES and our university partners, including information about eligibility, enrolment applications, selection processes, and each of the subjects on offer.

HES are first year university subjects and are designed to extend high-achieving students. At CHES, we will offer HES to government school students across Victoria, including students in metropolitan, rural, regional, and remote areas, students with disadvantaged backgrounds, and students who may be first in their family to undertake university studies. We are excited to be expanding access to HES to an even more diverse group of high-achieving students than ever before. Through an innovative 'hy-flex' approach to teaching and learning, students will be able to remain enrolled at their chosen government secondary school and undertake one HES through CHES, as part of their VCE program. To accommodate as many eligible students as possible, these programs will be available through a hybrid and flexible approach, with opportunities to study online, on-site at CHES, and to visit and explore universities.

At CHES, we are proudly partnering with a range of Victorian universities to broaden the range of HES available to senior secondary students. We will be a bridge between schools and universities, between teachers and university staff, between students and university faculties, and between high-ability students across Victoria. Students who undertake a HES subject with us will also have access to our CHES Student Enrichment Series, which includes workshops, masterclasses and lectures from a range of universities and mentoring opportunities with university students and academics.

This is an exciting time for students to become part of the inaugural intake of students into CHES. Our programs will enable students to accelerate and to deepen their learning. Students enrolled in one of our subjects will have the opportunity to learn from university experts who are specialists in their field, to expand their knowledge and skills and challenge themselves, to build networks with other high-achieving students, to experience university life while still at school, to be considered for university credits and gain ATAR points, and to continue building an impressive CV for their future.

At CHES we are forward thinking. We encourage you to look to the future with us and make the first step in your journey to university in 2023. I encourage you to read the information in this handbook, on our website, and the links in this document to find further information on university websites, and to contact us with any questions or queries. If you or your family would like to learn more about HES at CHES, we encourage you to attend one of our online information evenings. We are also here to help and provide advice via our website www.ches.vic.edu.au and our school email: **centre.higher.education.studies@education.vic.gov.au**

We welcome your application to enrol in a HES with us in 2023.

Stewart Milner
Foundation Principal
CHES

We Reach; We Connect; We Understand.
We Think Ahead.

Higher Education Studies (HES) in the VCE

What are Higher Education Studies (HES)?

Higher Education Studies (HES) are first-year university subjects that are taken as part of a student's VCE program. The HES constitute about 20% of a full-time first-year university course and are an advance on a VCE Unit 3 & 4 subject. Each HES is equivalent in duration and workload of a VCE Unit 3 & 4 sequence.

The HES outlined in this handbook are being offered through CHES and delivered by our university partners.

It is important to note that only one HES can contribute towards satisfactory completion for the award of the VCE. Students are only permitted to enrol in one HES through CHES.

What are the benefits of studying a HES as part of your VCE?

Through CHES students can apply to study a HES as part of their VCE program.

Students accepted into a HES can enjoy a wide range of benefits including academic challenge from an extension subject, to be considered for credit towards a university qualification, a potential university entry pathway, contribution towards completion of the VCE as a Unit 3-4 sequence, and a subsequent contribution towards the calculation of the ATAR via an increment for a fifth or sixth study. Students who successfully complete a HES will have the title of the study, the year of enrolment, and the university name reported on their VCE Statement of Results.

ATAR increment

HES can be used as a fifth or sixth subject in the calculation of the ATAR. Depending on a student's results, completion of the HES can contribute 3 to 5 points to the ATAR aggregate.

The Victorian Tertiary Admissions Centre (VTAC) provides an ATAR increment for a HES as a fifth or sixth subject, provided that the student has:

- satisfactorily completed four VCE Unit 3 and 4 sequences for which study scores have been calculated, including one from the English group
- satisfactorily completed at least one VCE Unit 3 and 4 sequence in the same year as the HES
- satisfactorily completed the full year of the HES
- been awarded a pass result by the university.

The table below outlines the points students will receive, and the equivalent VCE study score value, for completion of a HES (accurate at time of publication).

You can find more detailed information about how the VTAC calculates the **ATAR contribution.**

Please note that International Baccalaureate (IB) students are not eligible to receive an ATAR increment upon successful completion of your HES. However, they are eligible for all other benefits outlined on the following page.

Average mark for HES subject	HES ATAR aggregate contribution	Equivalent VCE study score
90 or more	5.0 points	50
80-89	4.5 points	45
70-79	4.0 points	40
60-69	3.5 points	35
50-59	3.0 points	30

Where students withdraw from or fail to satisfactorily complete the VCE preparatory study either as a prerequisite or concurrently, which is a requirement of the HES, they will not be eligible for a HES increment in their ATAR calculation regardless of their performance in the HES.

Earning university credits

Students who successfully complete the HES may be considered for a credit towards an undergraduate course at the university where the study was satisfactorily completed if the subjects can be taken as part of that course. Where students apply to study an unrelated undergraduate course at the university that delivered the HES, or apply to study at another university, students may also be considered to receive credits, at the discretion of the university.

To be considered for course credits, students will need to submit a 'credit application' when applying to study the undergraduate qualification or when students receive their course offer from the university. Each university has their own processes and requirements for recognising prior learning and these policies are available at the following links:

Australian Catholic University:
Credit and prior learning – Get credit to an ACU course

Federation University:
Pathways and credit - Federation University Australia

La Trobe University:
Advanced Standing, Information for new students

Monash University:
Credit for prior study – study at Monash University

RMIT University:
Apply for credit - RMIT University

Swinburne University:
Credit for Prior Study or Experience | Swinburne

University of Melbourne:
Advanced Standing

Victoria University:
Credit for skills and past study

Moving confidently into university life

Students enrolled in a HES will have the opportunity to experience university study and tertiary life. This includes visits to university campuses and mentoring with university students and academics, and access to university resources e.g., students may have access to university ID cards, email accounts, university libraries and study spaces, as well as student clubs and societies.

Adding credentials to your CV

Students will receive their academic transcript on the successful completion of their HES and the opportunity to receive further achievement awards through the CHES. CHES also offers student leadership opportunities, including nominating for election to the CHES school council.

Student educational resources

There are no enrolment costs or subject fees for students to study a HES through CHES. Students will be advised if they need to acquire HES educational items such as, textbooks (paper or digital versions), stationery, calculators, and digital devices.

No penalty for withdrawal or failure

At CHES, our aim is for all students to successfully graduate from the HES they undertake with our university partners. However, rest assured that if a student withdraws from or fails the HES, they will not experience any disadvantage when subsequently applying to study at that university or any other tertiary institution.

Benefits of studying a HES subject through CHES

There are several key benefits to studying a HES through CHES:

1. CHES provides coordination, resourcing and supports for students enrolled in HES

In partnership with universities and the student's base school, CHES will provide oversight, coordination and support for their HES program. The CHES Principal, Higher Education Studies Coordinator, and a team of staff will guide and support students with transitioning into and through their HES program. We will provide wrap-around support to enable students to be as successful as possible.

All students accepted into CHES will be provided access to the CHES Learning Management System (LMS). This will provide students with a common platform for access to collaboration spaces, news and key information updates, links to services and staff at the CHES, booking options for the Student Enrichment Series, and links to CHES handbooks.

It is anticipated that the universities will also provide students with access to their own LMS platform, libraries, and other tertiary resources.

At CHES we will work closely with the students base school for the duration of their engagement in the HES program.

2. Opportunities to make new friends and connections

Through the HES, students will meet leading academics, teachers and university students. Students will be learning together with other high-ability students from across Victoria and will have the opportunity to build positive relationships with others, building a strong network before continuing to university after graduating from secondary school.

3. Student Enrichment Series

At CHES we recognise the importance of supporting students with their transition to university. Together with our university partners, CHES is making available enrichment and extension opportunities to further stretch and challenge senior students, including our CHES Student Enrichment Series.

The Student Enrichment Series will be published each term, available to students who are enrolled in a subject through CHES, and will include masterclasses, workshops, and seminars. The Student Enrichment Series events are also intended to enrich and extend the critical thinking, creativity, collaboration and communication skills of students.

There will also be opportunities for CHES students to engage in one-to-one mentoring with university students and academics.

4. Inaugural programs with the new Centre for Higher Education Studies (CHES)

Being part of the first group of students accepted into the new Centre for Higher Education Studies will confer its own rewards for students, including recognition and celebration of the achievements of students at the state-wide CHES hub for HES. This includes a collective graduation ceremony for CHES students in December.

Making Higher Education Studies (HES) accessible

Hy-flex learning through CHES

CHES is expanding access to HES for high-achieving senior secondary students in government schools across Victoria. The HES delivered by our university partners will be delivered through a 'hy-flex' approach involving hybrid online and on-site learning options with greater flexibility and choice in how students engage with their program.

CHES is the physical hub for Higher Education Studies

Our state-of-the-art centre is designed to reflect the nature of a mature, tertiary learning environment, while providing secondary school students with the comfort and familiarity of a dedicated centre and a team of support staff.

Our partner universities will use the CHES facilities for both on-site and virtual delivery of HES and this will enable the use of our specialist spaces and innovative technology to support hy-flex delivery.

University excursions and seminars

Students will benefit greatly from the opportunity to attend the university campus to access on-site specialist facilities. This is expected to boost the preparedness of students for transition to full-time tertiary study in the following years. Students and families should note that visits to universities will normally be unsupervised excursions and students will be expected to make their way to and from those programs independently.

Hybrid and flexible learning options

To help students fit HES in with their overall VCE program, universities will deliver programs in a variety of ways. Students will remain enrolled at their chosen government secondary school and be able to undertake a study at CHES as part of their VCE program.

We will use a hy-flex approach to teaching and learning through CHES. This blended, hybrid and flexible approach means that at times HES may be delivered on site at our state-of-the-art CHES facility and at other times there will be seminars and excursions to the university campus, and there will be online learning access each step of the way. As such, our hy-flex delivery model is mediated through the extensive technology installed and embedded within the CHES facility and this will support students to access the HES online and ensure that regardless of whether students are participating on-site or online, they can have an equitable learning experience.

Active participation is key. All students, regardless of their location will be able to access lesson content at different times and engage in the class activities. Together with the university staff, we promote and expect active participation of all students and genuine engagement in classroom activities between students on-site and online.

Close, supportive connections with base schools

CHES will have a designated HES coordinator who will liaise closely with students' base-schools and the universities to support the academic progress, wellbeing, and engagement of students, including those who are learning remotely.

Applying for Higher Education Studies

Eligibility to enrol in a Higher Education Study through CHES

Higher Education Studies (HES) are offered to high-achieving and high-ability senior secondary students.

Students will not be required to undertake an entrance exam to enrol at CHES. There is a simple online application for enrolment into HES programs accessed via the CHES website. The student application includes two parts; one section to be completed by the student and their parent/carer and another by the student's base school with a statement that confirms student suitability for a CHES program and any details regarding special circumstances or considerations that the CHES Selection Panel should be aware of.

A student's suitability to undertake the HES must be approved by their Principal. In addition, schools will need to nominate a base school supervisor and agree to support the student as per the roles and responsibility documentation provided in the School Supervisor handbook.

It is expected that students will have the capacity for independent and collaborative learning. In addition, the HES selected should appropriately reflect each student's prospective future study pathway or career choice.

Students must have completed the prerequisite study or be completing the study concurrently, if applicable. Please refer to each HES subject description in the following sections for further information about prerequisite and co-requisite VCE subjects.

To be eligible for a HES through CHES, students must be enrolled in VCE or the International Baccalaureate (IB) in Victoria in the year they intend to participate (i.e., have at least one VCE Units 3 and 4 during the year in which you undertake the HES).

For students to be considered for a CHES program (HES or a VCE subject) current enrolment in a **government school** is required. Further, where a student may already have a dual enrolment that reaches across the government, catholic or independent school sectors, the student must be undertaking the majority of their studies at the government school (for example, if a student is currently enrolled in an independent school where the majority of their VCE studies are being completed but is also undertaking a subject through **Virtual School Victoria** or the Victorian School of Languages, this student would not be considered eligible for participation in a CHES program).

Students must **maintain their enrolment in a Victorian government school** (as their main school) for the duration of their course at CHES. Students who do not maintain their enrolment in a Victorian government school may be ineligible to continue their studies, or payment may be sought to fund their participation. The CHES principal will determine the most suitable approach in such a situation.

There is no limit on the number of applications that can be received nor number of students that can be enrolled at CHES from **any one school.** Each and every individual application will be considered on its merits.

Please note that universities may have other eligibility criteria for each of their HES. In each of the HES listed, the universities have indicated if there are additional academic standards or other additional requirements for acceptance into the specific subjects they offer (e.g., some universities have indicated an average grade level required across non-prerequisite subjects). Links to university webpages have been included in the HES subject section of this handbook, for further information on any additional university-specific eligibility criteria.

How many HES can I apply for?

Students will be able to enrol in only one HES. However, through the application process students will be able to apply for a maximum of two HES and indicate the order of preference. If students are not accepted into one HES, they may be eligible for the other if they meet the selection criteria.

How will my application be assessed?

Ultimately, universities retain the autonomy to determine whether students will be enrolled in their HES units and they will make the final decision on student enrolment. The allocation of student places to CHES courses will be based on merit, with allowances made to ensure student selection is informed by the principles of excellence and equity.

The student selection process is designed to streamline the review of applications and selection of students for each of the HES. CHES will coordinate the application process and review applications and will provide recommendations to each university. An enrolment committee convened by the CHES Principal will assess each application, including each student's current and likely attainment levels (including performance so far in any prerequisite subjects), as well written statements from the student and their school that provide insight into the student's suitability to undertake a HES through the CHES.

The CHES Principal reserves the right to request an interview with applicants for whom additional information is required to enable appropriate consideration of their application.

Who teaches the HES subjects?

The HES subjects are taught by the university staff - lecturers and tutors - and the universities will deliver the curriculum, teaching and assessment of the HES subjects. HES subjects will be delivered by the universities, not by CHES. However, staff at the CHES will provide ongoing support and guidance to students throughout their HES journey and will communicate with and liaise between universities and the base schools of students.

When are classes held?

The exact timing of the HES classes will be confirmed by universities later this year. It is anticipated that the HES will often be available after normal school hours to minimise clashes with the scheduled VCE classes of students. Some subjects may require attendance during school hours, with the option of attending online or on-site, and there may a small number of full-day or half-day seminars held during school holidays. These key dates will be advised as soon as possible so that students can plan to attend these seminars online or on-site.

What is the time commitment? What are the attendance requirements?

The time requirements for each HES are equivalent to the time allocation for a standard VCE study. To help students complete a HES as part of their VCE timetable, CHES is working closely with partner universities on scheduling of HES programs, which may include intensive full-day seminars at certain points in the year.

Students will be able to attend online or on-site for their HES classes. The number of classes and the time commitment each week depends both on the subject area studied. It is important to note that each HES will have a compulsory attendance requirement, that is similar to existing VCE attendance requirements at schools. In addition to formal class time, all subjects will require a certain number of hours of self-study each week.

In terms of assessments, CHES will work closely with HES coordinators at universities to minimise clashes with VCE exams and other major VCE commitments. However, students should note that there may be a requirement to attend on site for major exams or assessments at certain points in the year.

How to Apply: Key Dates for 2022 - 2023

Date	
Monday 11 July 2022	Applications open for 2023 HES programs
Thursday 14 July 6.30pm	Information Evening (online) – Session 1
Tuesday 19 July 6.30pm	Information Evening (online) – Session 2 (this is a repeat of Session 1)
Wednesday, 31 August (11.59pm) 2022	Applications close for 2023 program (late applications will not be accepted)
By no later than Wednesday, 30 November 2022	Outcomes of applications emailed to student applicants and their schools Students will receive either: **Yes:** unconditional offer of acceptance **Yes:** a provisional offer (pending the semester 2 results of students) **No:** application was declined as the selection criteria was not met, places on the course were exhausted by students who achieved a higher ranking, or the course has not attracted a suitable number of applicants. For students who receive an unconditional or provisional offer of acceptance, CHES will provide links to the university's online enrolment process (as necessary) as the final step in the process. For students who were declined their first preference but have indicated a second preference, their application for the second preference subject will be considered as part of round 2 of the selection process in November and December. Where preferences have been exhausted but minimum criteria have been met, the student will be encouraged to consider an enrolment directly with the university
No later than 6 January 2023	CHES will communicate updated outcomes (accepted or declined) to all students (and their schools) for round 1 and round 2 offers. For accepted students, CHES will provide links to the university's online enrolment process as the final step in the process.
Late January (Date TBC)	Orientation program for all CHES students
January / February	HES classes commence

We will hold multiple information evenings for students and families to find out more about HES through CHES. It is not necessary to attend more than one information evening. Registrations for the information evenings will be available through the CHES website as well as a recording of the information evening afterwards.

Steps to applying for a CHES Higher Education Study

1. Choose your preferred HES subject

There are a range of subject areas available. The full list of HES subjects are included below for each university. In choosing which subject to apply for, we encourage you to consider your strengths, interests and future career aspirations first and foremost. Two key things to keep in mind are:

— The VCE subjects you most enjoy and achieve most highly in;

— The prerequisites and any other requirements for enrolment into each particular HES subject

In your application, you can choose up to two HES. You'll need to list them in priority order. If you are not accepted into your first preference, you will then be considered for your second.

2. Check your eligibility and permissions

See the 'Eligibility to enrol in a Higher Education Study through CHES' section in this handbook and ensure that you meet those requirements before applying, including any university-specific eligibility criteria for the HES (see links to university websites in the HES subject section of this handbook).

The Principal of your school will need to approve your application to study at HES through CHES.

Apply online

Once you have confirmed that you are eligible to apply for the HES, you will need to submit an online application through the CHES website: **www.ches.vic.edu.au**

To submit an application, follow the steps on the CHES enrolment application page. Choose your preferred HES (up to two HES can be selected in preference order) and provide your response to the Student Statement section. Please note that your school principal (or their representative) will be asked to verify your information and provide some of your results to support your application. An automated request for information will be sent to your school principal once your section of the application has been submitted.

The 'Student Statement' section of the application will ask you to prepare a short response to the following two questions:

1. Drawing on your skills and attributes, outline why you feel you are well-suited to study at CHES. Please share some examples that highlight your skills and strengths (Word limit: 300 words)
2. What is it about the HES units you have selected that appeals to you? Why is commencing tertiary study as part of your VCE important to you? (Word limit: 300 words)

While preparing your application, you can click the 'Save' button at any time and return to your application later using your application ID number and password (automatically generated at the time of registration). Once you have successfully submitted your online application, you will receive an automatic email from CHES confirming receipt of your application.

Questions?

We welcome your enquiries

If you have any questions about the Higher Education Studies, please contact the CHES team on **centre.higher.education.studies@education.vic.gov.au**

The CHES website should be accessed regularly by students, parents/carers and their schools to ensure that they are accessing the most up-to-date information on HES through CHES.

Unit outlines for each HES offered in 2023

Before selecting a HES to apply for, please read carefully through the following subject information pages.

In this section, the details of each particular HES have been outlined by the universities, including an overview of the HES, any prerequisite or co-requisite VCE studies, the intended learning outcomes, the linked undergraduate qualification, any specific requirements (including any mandatory dates and times for holiday seminars and intensives or excursions), and the links to the university websites for further information on the units and any further university eligibility requirements.

The Centre for Higher Education Studies is proud to be partnering with the following Victorian universities in the delivery of Higher Education Studies for 2023:

ACU
AUSTRALIAN CATHOLIC UNIVERSITY

Federation University

LA TROBE UNIVERSITY

THE UNIVERSITY OF MELBOURNE

RMIT UNIVERSITY

SWINBURNE UNIVERSITY OF TECHNOLOGY

VICTORIA UNIVERSITY
MELBOURNE AUSTRALIA

Artificial Intelligence and Technology for a Digital World

RMIT UNIVERSITY

RMIT University

Overview

Unit 1 – Foundations of AI for STEM

Unit 2 – Cyber-Physical-Biological systems: Technology for a Digital World

Unit 1 will provide you with foundations and applications of AI as applied in contemporary health, science, technology, engineering, and math workplaces and future trends in applications from an inter-disciplinary perspective. This course will also challenge you to consider the impact and ethics of AI on your future profession and society.

Unit 2 is designed to introduce you to cyber-physical-biological systems (CPBS). CPBS consists of the computation, physical, and biological components of cyber-physical-biological systems to build a better world. You'll examine how cyber-physical-biological systems are developed and applied across different industries and co-design conceptual innovative cyber-physical-biological systems that are efficient, adaptive, and reliable. You'll also examine the moral, social, legal, and ethical considerations related to the cyber-physical-biological systems.

VCE pre-requisite or co-requisite required

None

Learning outcomes

On successful completion of Unit 1, you will be able to:

1. Explain the foundations and applications of Artificial Intelligence (AI) in the fields of Health, Science, Technology, Engineering, and Mathematics.
2. Identify, analyse and solve real-world health, science, technology, engineering and mathematics problems using AI approaches, algorithms and applications.
3. Explore ethical and safety considerations in the development and deployment of AI applications in health, science, technology, engineering, and mathematics.
4. Communicate accurately and collaborate effectively using a variety of tools and techniques specific to the fields of AI and health, science, technology, engineering, and mathematics.

On successful completion of Unit 2, you will be able to:

1. Explain the different components of cyber-physical-biological systems in the context of STEM and Health.
2. Analyse current theory and practices relevant to the exploration, design and deployment of cyber-physical-biological systems from a variety of different discipline lenses.
3. Co-design innovative cyber-physical-biological solutions for real-world problems and evaluate their effectiveness.
4. Examine the moral, social, legal, and ethical considerations in the experimentation, design, deployment, and evaluation of cyber-physical-biological innovations.

Indicative assessments		
Assessment type	**Unit 1**	**Unit 2**
Online Quiz(zes)	10%	15%
Individual Assignment (2A or 3A)	10%	15%
Individual Assignment (2B or 3B)	30%	NA
Group Presentation	30%	25%
Infographic	NA	20%
Individual report	NA	40%

Artificial Intelligence and Technology for a Digital World (Continued)

RMIT UNIVERSITY

Linked undergraduate qualification

Bachelor of Engineering (all)
Bachelor of Science
Bachelor of Biomedical Science
Bachelor of Laboratory Medicine
Bachelor of Psychology
Bachelor of Computer Science
Bachelor of Information Technology
Bachelor of Data Science
Bachelor of Food Technology and Nutrition
Bachelor of Space Science

Eligibility requirements

Applicants must provide evidence of successful completion of Year 11 (Units 1 and 2) and be studying VCE Year 12 in the year of their Extension enrolment.

Proposed delivery arrangements

Unit 1: Online delivery comprising of weekly lectorials and workshops. Up to 3 hours of online interaction per week. Workshops may be available after school hours.

Unit 2: Online delivery comprising of weekly lectorials and workshops. Workshops may be available after school hours.

Requirements

No onsite attendance is mandated; however, students may be required to attend either CHES or the university campus support services.

Further information

It is recommended that you dedicate between 10 – 12 hours of study to each of your enrolled units per week (over a 12 – 14-week period). Studying these units requires good time management skills, the ability to work independently and a proactive attitude. University study is very flexible, and this allows you to work your study time around other commitments such as a part-time job or sport.

Successfully completing these units will entitle you to receive credits for prior learning. This may mean you will not have to undertake as many undergraduate units as your peers on related undergraduate courses.

Biological Sciences

Federation University

Overview

Unit 1 – Principles of Biology (SCBIO1001)

Unit 2 – Systems Biology (SCBIO1020)

Unit 1 will provide a broad overview of biological sciences from molecular biology of cells through to populations. With the inclusion of the examination of various aspects of biology drawing from all kingdoms of life, students will appreciate the commonalities amongst all living organisms and how these have evolved, developing an understanding of the basic processes underpinning life and how organisms and populations change over time.

Unit 2 introduces students to the anatomy and physiology of the body. It focuses on anatomy (structure) from the cellular to the organ level of arrangement and how cells, tissues and organs work together to maintain physiology (function). Major concepts in cellular and subcellular biology are revised before understanding cellular function and arrangement into tissues, tissue function and arrangement into organs, and how organs work together both as part of separate systems and in cooperation with each other (integration).

VCE pre-requisite or co-requisite required

Students will have completed VCE Units 3 and 4 of Biology as the pre-requisite.

Students must have successfully completed SCBIO1001 as a pre-requisite to SCBIO1020.

Learning outcomes

On successful completion of Units 1 and 2, you will be able to:

1. Conduct lab-based studies using standard methods, equipment, technology and approaches in biological science.
2. Observe key biological processes, functions and structures and report observations in standard lab report formats.
3. Use standard biological terms and terminology to describe and report observations
4. Review the major concepts in each system and record these in written format.
5. Apply anatomy and physiology knowledge to the evaluation and measurement of vertebrate specimens in normal states.
6. Be able to interpret and report on anatomical and physiological data.

Indicative assessments		
Assessment type	**Unit 1**	**Unit 2**
Online Quiz(zes)	20%	—
Lab Reports	20%	20%
Laboratory Worksheets	20%	15%
Science Fair Project	—	25%
End of Semester Test	40%	40%

Linked undergraduate qualification

Bachelor of Science
Bachelor of Biomedical Science
Bachelor of Veterinary and Wildlife Science
Bachelor of Environmental Conservation Science

Biological Sciences (Continued)

Eligibility requirements

Not applicable

Proposed delivery arrangements

Both SCBIO1001 and SCBIO1020 consist of approximately 2 hrs/week lecture content provided either as pre-recorded videos or live online lectures; 5 X 2hr self-paced tutorials spread across the semester; 1hr/week allocation for face to face or live online consultation; and compulsory on-campus block mode laboratory classes constituting 2 days of work for 8 hours each.

Requirements

Students must attend compulsory block laboratory classes to complete essential face to face practical skills.

Further information

It is recommended that you dedicate between 8-10 hours of study to each of your enrolled units per week (over a 12 week period). Studying these units requires good time management skills, the ability to work independently and a proactive attitude.

University study is very flexible, and this allows you to work your study time around other commitments such as a part-time job or sport.

Successfully completing these units may entitle you to receive credits for prior learning. This may mean you will not have to undertake as many undergraduate units as your peers on related undergraduate courses.

Federation University Recognition and Credit for Prior Learning Policy

For more information on future study options, please visit Federation University Course Search

Biological Systems - Principles of Biology (SCBIO1001)

Federation University

Overview

This course provides an introduction to some of the fundamental principles of biology. An understanding of biology underpins the life sciences, and this course explores such key elements as cell biology - organelle and tissue structure and function and cellular energetics, plant structure and nutrition, genes, chromosomes and genetic engineering, Mendelian and non-Mendelian rules of inheritance and evolution. This course establishes the fundamental knowledge which is built on in more advanced level courses in the life sciences.

Topics:

1.	Cells: building blocks of life
2.	Cell boundaries: membranes
3.	Cell communication
4.	Key molecules for life
5.	Cellular energy
6.	Cellular reproduction
7.	Gene expression: transcription and translation
8.	Inheritance: Mendelian genetics
9.	Inheritance: non-Mendelian genetics
10.	Evolution: evidence and mechanisms
11.	Evolution and population
12.	Taxonomy and evolution of species

VCE pre-requisite or co-requisite required

Students will have completed VCE Units 3 and 4 of Biology as the pre-requisite.

Learning outcomes

1. Conduct lab-based studies using standard methods, equipment, technology and approaches in biological science.
2. Observe key biological processes, functions and structures and report observations in standard lab report formats.
3. Use standard biological terms and terminology to describe and report observations.

Indicative assessments

— Laboratory Worksheets

— Written Reports

— Online Quizzes

— End of Semester Test

Linked undergraduate qualification

Bachelor of Science
Bachelor of Biomedical Science
Bachelor of Veterinary and Wildlife Science
Bachelor of Environmental and Conservation Science

Eligibility requirements

Not applicable.

Proposed delivery arrangements

Online pre-recorded lecture each week and a 2-day laboratory block lab delivered onsite at CHES. Students must attend 2-day laboratory block lab.

Biological Systems - Principles of Biology (SCBIO1001) (Continued)

Requirements

Students must attend compulsory block laboratory classes to complete essential face to face practical skills.

Further information

It is recommended that you dedicate between 8-10 hours of study to each of your enrolled units per week (over a 12 week period). Studying these units requires good time management skills, the ability to work independently and a proactive attitude.

University study is very flexible, and this allows you to work your study time around other commitments such as a part-time job or sport.

Successfully completing these units may entitle you to receive credits for prior learning. This may mean you will not have to undertake as many undergraduate units as your peers on related undergraduate courses.

Federation University Recognition and Credit for Prior Learning Policy

For more information on future study options, please visit Federation University Course Search

Biological Sciences - Systems Biology (SCBIO1020)

Federation University

Overview

In this course students will appreciate the levels of complexity and integration within biological systems and the need to understand basic cellular biology and cellular/tissue organisation before understanding gross aspects of anatomy and physiology. The importance of understanding normal vertebrate structure and function before progressing into more complex areas of anatomy and physiology study is emphasised. Students will continuously learn and become self-reliant through combining scientific knowledge and critical thinking to associate form with function in the human body and understanding of basic biological concepts contributing to these skills, and will apply critical thinking and problem-solving skills in the linking of form with function, and the understanding of basic biological concepts contributing to these skills.

Topics:

1.	Introduction to cells, tissues and molecular biology
2.	Reproductive systems
3.	Musculoskeletal system
4.	Heart and circulation
5.	Immune and lymphatic systems
6.	Endocrine system
7.	Nervous system
8.	Respiratory system
9.	Digestive system
10.	Renal system
11.	Integumentary system

VCE pre-requisite or co-requisite required

Students will have completed VCE Units 3 and 4 of Biology as the pre-requisite

Students must have successfully completed SCBIO1001 as a pre-requisite to SCBIO1020.

Learning outcomes

1. Review the major concepts in each system and record these in written format.
2. Apply anatomy and physiology knowledge to the evaluation and measurement of vertebrate specimens in normal states.
3. Be able to interpret and report on anatomical and physiological data.

Indicative assessments

— Laboratory Worksheets

— Written Reports

— Literature review and Poster Presentation

— End of Semester Test

Linked undergraduate qualification
Bachelor of Science
Bachelor of Biomedical Science
Bachelor of Veterinary and Wildlife Science

Eligibility requirements

Not applicable.

Biological Sciences - Systems Biology (SCBIO1020) (Continued)

Proposed delivery arrangements

Online pre-recorded lecture each week and a 2-day laboratory block lab delivered onsite at CHES. Students must attend 2-day laboratory block lab.

Requirements

Students must attend compulsory block laboratory classes to complete essential face to face practical skills.

Further information

It is recommended that you dedicate between 8-10 hours of study to each of your enrolled units per week (over a 12 week period). Studying these units requires good time management skills, the ability to work independently and a proactive attitude.

University study is very flexible, and this allows you to work your study time around other commitments such as a part-time job or sport.

Successfully completing these units may entitle you to receive credits for prior learning. This may mean you will not have to undertake as many undergraduate units as your peers on related undergraduate courses.

Federation University Recognition and Credit for Prior Learning Policy

For more information on future study options, please visit Federation University Course Search

Environmental Science

Federation University

Overview

Unit 1 – SCSUS1500 Sustainable Earth

Unit 2 – SCENV1002 Biodiversity Conservation

SCSUS1500 Sustainable Earth looks at the impact humans have had on the Earth. We address, in turn, the main components of the habitable parts of the planet and examine the fundamental, natural processes within each. With this grounding we then superimpose the impact of indigenous people, and then the excesses of post-industrial humanity, upon the Earth to reveal the consequences of the activities of modern society. The course emphasizes that environmental sustainability requires an understanding, not only of the processes that can be identified today, but of the rate, sequence and nature of changes which have taken place in our recent past. Further, that environmental sustainability demands consideration, not only of environmental processes, but also the social and political constraints to change.

SCENV1002 introduces students to the global environment and its basic natural systems. It is designed to develop in students an understanding of the application of biological and ecological principles to the conservation of global biological diversity. Major themes include the diversity and interrelationships of the biotic and abiotic components of the environment, plant and animal diversity, threatening processes, threatened species, conservation strategies, wildlife exploitation and conservation, and wildlife forensics.

VCE pre-requisite or co-requisite required

Students will have completed or be concurrently enrolled in one of VCE Units 3 and 4 of Mathematical Methods/ Chemistry/Environmental Science/ Geography or Biology

Learning outcomes

On successful completion of Units 1 and 2, you will be able to:

1. Recognise Australian and global environmental management processes and issues
2. Describe and evaluate the process of ecologically sustainable development and implications for natural resource management
3. Investigate the processes that have lead to recent climate and environmental change
4. Explore positive steps that can be made at local, regional and global levels toward a sustainable future
5. Describe living systems including diversity, classification and importance
6. Explain the application of ecological and biological principles in conserving global biodiversity
7. Describe threats to wildlife and general biodiversity
8. Discuss differing attitudes to wildlife and the impact these can have on conservation strategies
9. Describe the use of molecular genetics in wildlife conservation

Indicative assessments		
Assessment type	**Unit 1**	**Unit 2**
Online Quiz(zes) and tests	20%	20%
Tutorial activities	30%	20%
Presentation and written assignment	50%	60%

Environmental Science (Continued)

Linked undergraduate qualification

Bachelor of Environmental and Conservation Science

Eligibility requirements

Not applicable.

Proposed delivery arrangements

On-line learning materials, supported by 6x2h tutorial classes that run on-line and/ or face-to-face, depending upon student needs. Tutorial classes could be based at CHES, or at a university campus, depending upon the home locations of the students. Students may either attend in-person or join online.

Unit 1 will commence in February and conclude in May. Unit 2 will commence in July and conclude in October.

Requirements

A half day (3 hour) induction session will be scheduled in February and is not reflected in the hours above. This will be delivered using online. No onsite attendance is mandated.

Further information

For more information on the Bachelor of Environmental and Conservation Science, please visit our **course information page**

Federation University Recognition and Credit for Prior Learning Policy

It is recommended that you dedicate between 8 -10 hours of study to each of your enrolled units per week (over a 12 week period). Studying these units requires good time management skills, the ability to work independently and a proactive attitude. University study is very flexible, and this allows you to work your study time around other commitments such as a part-time job or sport.

Successfully completing these units may entitle you to receive credits for prior learning. This may mean you will not have to undertake as many undergraduate units as your peers on related undergraduate courses.

Exercise and Sports Science

AUSTRALIAN CATHOLIC UNIVERSITY

Australian Catholic University

Overview

Unit 1 – Growth, Motor Development & Ageing

Unit 2 – Introduction to Nutrition

Unit 1 will provide you with an understanding of the impact of growth, motor development and ageing, across the lifespan, on the systems and motor output of the human body is central to all disciplines of exercise science practice, foundational to the further study and application of exercise science and critical in the attainment of exercise scientist accreditation.

Unit 2 will assist you to acquire foundation knowledge of food composition, the macro and micronutrients and other bioactive substances, that contribute towards maintaining normal cell function; nutrient transport and storage; metabolism and water and electrolyte balance, as these relate to energy metabolism for health and exercise.

VCE pre-requisite or co-requisite required

Students must have successfully completed or be concurrently undertaking Unit 3 and 4 of VCE Physical Education.

Learning outcomes

On successful completion of Units 1 and 2, you will be able to:

1. Recall and describe concepts of somatic growth, development, maturation and motor development across the lifespan and their effect on human performance
2. Recall and describe factors which influence growth, maturation, physical performance and exercise capacity, including factors relevant to Aboriginal and Torres Strait Islander Peoples
3. Identify and describe age, sex and maturity-associated variation in somatic growth and functional development in relation to their influence on human performance
4. Identify and explain the development of movement and the changes to movement patterns precipitated by growth, maturation and ageing
5. Explain the influence of physical activity on growth, maturation, ageing and the development and maintenance of movement
6. Describe the nutritive and non-nutritive components of food, (macro- and micronutrients, other bioactive components and non-nutrients), their sources and their role in health and exercise
7. Understand the principles and methods of measurement and estimation of nutritional and energy requirements of the general and athletic populations
8. Critique the evidence supporting nutritional practices for health and exercise
9. Justify the choice of techniques for assessment of dietary intake, including data collection, analysis and interpretation in individuals, groups and populations
10. Articulate evidence-based scientific principles and benefits of dietary principles for the general and athletic population including cultural factors that may influence food choices and the consequences of poor nutrition in these populations.

Indicative assessments		
Assessment type	**Unit 1**	**Unit 2**
Online Quiz	20%	—
Examination	40%	—
Written Assignment	40%	25%
Written Assignment	—	25%
Written and Oral Assessment	—	50%

Exercise and Sports Science (continued)

Linked undergraduate qualification

Bachelor of Exercise and Sports Science

Eligibility requirements

N/A

Proposed delivery arrangements

Lecture content is delivered online (asynchronous), a 2-hour tutorial/workshop delivered weekly onsite at CHES or at the ACU campus using a hy-flex delivery mode. Unit 1 will commence in February and conclude in May. Unit 2 will commence in July and conclude in October.

Where possible, these units will be delivered after 4pm.

Requirements

A half day (3 hour) induction session will be scheduled in February and is not reflected in the hours above. This will be delivered using a hy-flex model. No onsite attendance is mandated; however, students may be required to attend either CHES or the university campus for end-of unit examinations.

Further information

It is recommended that you dedicate between 10 – 12 hours of study to each of your enrolled units per week (over a 12 – 14-week period). Studying these units requires good time management skills, the ability to work independently and a proactive attitude. University study is very flexible, and this allows you to work your study time around other commitments such as a part-time job or sport.

For more information, please see the relevant page on Australian Catholic University's **website.**

Successfully completing these units may entitle you to receive credits for prior learning. This may mean you will not have to undertake as many undergraduate units as your peers on related undergraduate courses. Please visit the **'Recognition and Credit for Prior Learning Policy'** on Australian Catholic University's website.

Health Science

La Trobe University

Overview

Unit 1 – Human Structure and Function

Unit 2 - Infections, Pandemics and Epidemics

In Unit 1, you will be introduced to the basic concepts and principles of both structure (anatomy) and function (physiology) of the human body. Your learning in this subject will be supported by detailed online resources and a comprehensive program of online workshops with expert facilitators. You will also engage in career exploration activities, and begin building your career ready eportfolio..

In Unit 2, you will learn about infectious diseases, both new and ancient, and how these continue to threaten wellbeing by causing localised, epidemic or pandemic disease outbreaks. Students will learn about the chain of infection, immunity and vaccination, disease prevention, and disease surveillance. Selected microorganisms will then be described and compared: the main focus is the natural habitat of the organisms (reservoirs of infection), the ways in which humans can encounter the organisms (routes of infection) and the strategies available at the individual, community and global levels to prevent disease and, in the diseased patient, to cure disease. In parallel, workshops will focus on laboratory techniques that can be used for disease diagnosis including culture-based methods, molecular methods and immunological approaches. Workshops will culminate in an infectious disease case study.

VCE pre-requisite or co-requisite required

Students will have completed or be concurrently enrolled in Units 3 and 4 of VCE Biology

Learning outcomes

On successful completion of Units 1 and 2, you will be able to:

1. Relate the anatomical organisation of selected systems of the body to their physiological function.=
2. Explain how selected systems of the body are controlled to maintain normal function.
3. Communicate basic physiological and anatomical principles to your peers.
4. Apply understanding of the different modes of transmission of infectious agents to control, and prevention strategies for individuals, communities and intra- and- international borders.

Indicative assessments		
Assessment type	**Unit 1**	**Unit 2**
Assignment	25%	—
Presentation	20%	—
Tests/quizzes	45%	5%
Portfolio/workshop	10%	30%
Examination	—	50%

Health Science (continued)

LA TROBE UNIVERSITY

Linked undergraduate qualification

Bachelor of Health Sciences
Bachelor of Biomedicine

Eligibility requirements

Students must have achieved at least a 70% average grade across Year 11.

Proposed delivery arrangements

Both units are delivered online. Unit 1: 2 hrs online workshop per week; Unit 2: Alternating one or two hour Online Lectures, Online scheduled classes, Online quiz (18 hours total). Synchronous activities will be scheduled after 4pm were possible.

Two group activities, including a visit to La Trobe University's anatomy labs, are also included (subject to availability).

Further information

It is recommended that you dedicate between 10 – 12 hours of study to each of your enrolled units per week (over a 12 – 14-week period). Studying these units requires good time management skills, the ability to work independently and a proactive attitude. University study is very flexible, and this allows you to work your study time around other commitments such as a part-time job or sport.

For more information, please see the relevant page on La Trobe University's **website.**

Successfully completing these units may entitle you to receive credits for prior learning. This may mean you will not have to undertake as many undergraduate units as your peers on related undergraduate courses. Please visit the **'Recognition and Credit for Prior Learning Policy'** on La Trobe University's website.

Human Anatomy & Physiology

Human Anatomy & Physiology

Overview

Unit 1 – HEALT1111 Anatomy & Physiology for Health Professionals 1

Unit 2 – HEALT1112 Anatomy & Physiology for Health Professionals 2

Unit 1 provides foundational knowledge of human anatomy and physiology. In this course, the biological basis of human health and the working of the human body will be explored. The major themes of study relate to organisation of the body and explores anatomy and physiology from cells to tissues to organ systems. The course examines, support and movement, and human physiological processes and their integration and control with particular focus on the maintenance of normal body function. Topics include organisation of the human body from chemical and cellular basics to body systems; the maintenance of homeostasis; the structure and function of the musculoskeletal system; the structure and the major integrative functions of the nervous, cardiovascular, respiratory and reproductive systems.

Unit 2 provides foundational knowledge of human anatomy and physiology relevant to Healthcare Professions. In this course, the biological basis of human health and the working of the human body will be explored. The major themes of study explore anatomy and physiology as related to body defences, integration and control through hormonal processes and maintenance and development of normal function through nutrition and fluid balance.

VCE pre-requisite or co-requisite required

Students will have completed or be concurrently enrolled in Units 3 and 4 of VCE Physical Education or Biology.

Learning outcomes

On successful completion of Units 1 and 2, you will be able to:

1. Describe basic chemical composition, functions, and organisation of the human body and how they contribute to homeostasis under normal conditions.
2. Relate the concept of homeostasis to physiological processes.
3. Apply underlying physiological principles to the care of a client in a practical scenario.
4. Locate components of the body systems using a variety of resources together with practical application.
5. Describe the major changes during growth and development across the lifespan and how they relate to health.
6. Collate and evaluate clinical data relevant to the functioning of various body systems.
7. Develop and assess graduate attributes and Healthcare Professionals' Standards of Practice allocated to this course.

Indicative assessments		
Assessment type	**Unit 1**	**Unit 2**
Laboratory Attendance and Participation	S/U	S/U
Online Quizzes	33%	—
Mid-Semester Practical/Theory Test	30%	35%
Final Practical/Theory Test	37%	45%
Case Study Report	—	20%

Human Anatomy & Physiology
(Continued)

Linked undergraduate qualification

Bachelor of Exercise and Sport Science
Bachelor of Nursing
Bachelor of Health and Physical Education
Bachelor of Sport, Physical and Outdoor Education
Bachelor of Secondary Education (Health and Physical Education Teaching)
Bachelor of Biomedical Sciences

Eligibility requirements

Not applicable.

Proposed delivery arrangements

Weekly on-line learning materials, supported by 12x2hr face to face laboratory classes each week (standard delivery) OR weekly online learning materials, supported by 2x6hr face to face laboratory classes (flexible delivery). Laboratory classes are undertaken at a university campus, depending upon the home locations of the students. Students must attend in-person.

Unit 1 will commence in February and conclude in May. Unit 2 will commence in July and conclude in October.

Requirements

The course has 90% attendance criteria. To meet this criterion, students must attend all timetabled laboratory classes and provide medical documentation to explain any absences from laboratory classes. Students will not be eligible for a pass in the course if attendance is deemed unsatisfactory.

Further information

For more information on the associated Bachelors degrees for these units, please visit our **course information page**

It is recommended that you dedicate between 8 -10 hours of study to each of your enrolled units per week (over a 12 week period). Studying these units requires good time management skills, the ability to work independently and a proactive attitude. University study is very flexible, and this allows you to work your study time around other commitments such as a part-time job or sport.

Successfully completing these units may entitle you to receive credits for prior learning. This may mean you will not have to undertake as many undergraduate units as your peers on related undergraduate courses.

Federation University Recognition and Credit for Prior Learning Policy

Human Biosciences

La Trobe University

Overview

Unit 1 – Human Biosciences A

Unit 2 – Human Biosciences B

In Unit 1, you will be introduced to the anatomical organisation of the body and the basics of cell structure and function. The fundamentals of the nervous and endocrine systems will then be explored in the context of mechanisms of physiological control and homeostasis. This information will provide the foundation for the study of the major organ systems of the body which includes the respiratory, cardiovascular, renal, digestive, reproductive, skeletal muscle and immune systems. The subject will conclude with the basics of nutrition and metabolism which integrates many of the topics covered throughout the subject.

In Unit 2, you are introduced to the study of anatomy. An overview of anatomical terminology, basic tissue types and a variety of techniques used to visualize the human body will be given followed by a more detailed study of the anatomy of the musculoskeletal and nervous systems. Anatomical principles and terminology will be applied to relevant body systems and the concept of integrated function of multiple systems in one body region will be introduced through the study of the trunk.

VCE pre-requisite or co-requisite required

Students will have completed or be concurrently enrolled in Units 3 and 4 of VCE Biology or Units 3 and 4 of Physical Education.

Learning outcomes

On successful completion of Units 1 and 2, you will be able to:

1. Relate the anatomical organisation of the human body to whole body function.
2. Explain how cellular activity contributes to the function of organs and the body as a whole.
3. Explain how a given body system contributes to homeostasis under normal conditions.
4. Interpret scientific information presented as tables, graphs and diagrams and communicate using correct physiological terminology.
5. Relate the anatomical organisation of the human body to whole body function.
6. Explain how cellular activity contributes to the function of organs and the body as a whole.
7. Explain how a given body system contributes to homeostasis under normal conditions.

Indicative assessments		
Assessment type	**Unit 1**	**Unit 2**
Online Quiz(zes)	30%	20%
Oral presentation	20%	—
Other	10%	15%
Examination	40%	35%
Team report	—	30%

Human Biosciences (continued)

LA TROBE UNIVERSITY

Linked undergraduate qualification

Bachelor of Nursing; Bachelor of Psychological Sciences; Bachelor of Science; Bachelor of Biomedicine

Eligibility requirements

Students must have achieved at least a 70% average grade across Year 11.

Proposed delivery arrangements

Both units are delivered online. Each unit comprises approximately 50 hours across each semester with a mix of lectures, seminars (1 hour duration), online classes and workshops. Synchronous activities will be scheduled after 4pm were possible.

Two group activities, including a visit to La Trobe University's anatomy labs, are also included (subject to availability).

Further information

It is recommended that you dedicate between 10 – 12 hours of study to each of your enrolled units per week (over a 12 – 14-week period). Studying these units requires good time management skills, the ability to work independently and a proactive attitude. University study is very flexible, and this allows you to work your study time around other commitments such as a part-time job or sport.

For more information, please see the relevant page on La Trobe University's **website.**

Successfully completing these units may entitle you to receive credits for prior learning. This may mean you will not have to undertake as many undergraduate units as your peers on related undergraduate courses. Please visit **the 'Recognition and Credit for Prior Learning Policy'** on La Trobe University's website.

Innovation Ecosystems and Sustainable Development

RMIT UNIVERSITY

RMIT University

Overview

Unit 1 – STEM for Sustainable Development

Unit 2 – Innovation Ecosystems and the future of work

Unit 1 will explore the nexus between topics such as environmental sustainability, climate change, biodiversity, health, food and nutrition and energy and transport and the application of sustainable sciences and technologies. You will also explore how diversity, inclusion, reconciliation, and equity act as driving forces within sustainability to co-create sustainable futures. You will learn to bring a sustainability focus, approach and agency into your future studies and resulting careers.

Unit 2 will broaden and strengthen your innovation effectiveness. You will discover how technology, society, governments, and global trends drive change in the future of work over the span of your career. You will gain a holistic view of innovation - of self, others, and the task. You will aim to understand how bringing people and project together in innovation ecosystems brings new ideas to life, strategically delivering an innovation's true value into the hands of adopters.

VCE pre-requisite or co-requisite required

— None

Learning outcomes

— On successful completion of Unit 1, you will be able to:

1. Identify and explain key concepts, processes, and frameworks within Sustainable Development.
2. Discuss, illustrate, and assess how sustainable development in STEM and/or Health can drive better outcomes for a sustainable future.
3. Propose and communicate solutions to industry-based or real-world interdisciplinary sustainability challenges using key concepts, processes, and frameworks for sustainable development in the context of STEM and/or health.
4. Demonstrate consideration of the principles of diversity, equity, inclusion, and Reconciliation as pillars of sustainable development.

— On successful completion of Unit 2, you will be able to:

1. Identify strategies for managing the STEM innovations trends impacting on the student's future of work.
2. Examine how a systems approach changes managing people and projects in innovation ecosystems.
3. Describe how the creative and pragmatic processes determine innovation outcomes.
4. Formulate and communicate a commercialisation strategy to connect innovation with adopters.
5. Reflect how the innovation process is applied to a discipline/industry.

Indicative assessments		
Assessment type	**Unit 1**	**Unit 2**
Online Quiz(zes)	15%	NA
Written Assessment	35%	NA
Studio Showcase & Reflection	50%	NA
SWOT Report	NA	25%
Business Plan and Reflection	NA	25%
Presentation	NA	25%
Business Pitch and Reflection	NA	25%

Innovation Ecosystems and Sustainable Development (continued)

RMIT UNIVERSITY

Linked undergraduate qualification

Bachelor of Engineering (all)
Bachelor of Science
Bachelor of Biomedical Science
Bachelor of Laboratory Medicine
Bachelor of Psychology
Bachelor of Computer Science
Bachelor of Information Technology
Bachelor of Data Science
Bachelor of Food Technology and Nutrition
Bachelor of Space Science

Eligibility requirements

Applicants must provide evidence of successful completion of Year 11 (Units 1 and 2) and be studying VCE Year 12 in the year of their Extension enrolment

Proposed delivery arrangements

— Unit 1: Online delivery comprising of weekly lectorials and workshops. Up to 2 hours of online interaction per week. Workshops may be available after school hours.

— Unit 2: Online delivery comprising of weekly lectorials and workshops. Up to 2 hours of online interaction per week. An additional 2-hour workshop every 3 weeks.

Requirements

— No onsite attendance is mandated; however, students may be required to attend either CHES or the university campus support services.

Further information

It is recommended that you dedicate about 6-8 hours of study to each of your enrolled units per week (over a 12 – 14-week period). Studying these units requires good time management skills, the ability to work independently and a proactive attitude. University study is very flexible, and this allows you to work your study time around other commitments such as a part-time job or sport.

Successfully completing these units will entitle you to receive credits for prior learning. This may mean you will not have to undertake as many undergraduate units as your peers on related undergraduate courses.

Law

La Trobe University

Overview

Unit 1 - Legal Institutions and Methods

Unit 2 - Principles of Public Law

Unit 1 provides students with an introduction to the legal system in Australia and its core institutions, with a particular emphasis on courts, including the court hierarchy, the doctrine of precedent and reading and analysing cases. The subject will require students to critically assess the differential impact that the legal system has on particular groups in society, including First Nations peoples. It also introduces students to the role of legal professionals and covers legal methods with particular emphasis on the fundamentals of legal research and problem-solving.

Unit 2 introduces students to the history and fundamental principles of public law in Australia and other jurisdictions. 'Public law' can be understood as the collection of principles and rules that regulate the mechanisms of power within a state, in particular the institutions of government. The subject will examine the history and contemporary relevance of public law concepts such as representative and responsible government, the separation of powers and the rule of law, and it will explore the ways that these concepts have been and are used to control exercises of power by the legislative, executive and judicial arms of government.

VCE pre-requisite or co-requisite required

Students will have completed or be concurrently enrolled in Units 3 and 4 of VCE Legal Studies.

Learning outcomes

On successful completion of Units 1 and 2, you will be able to:

1. Demonstrate an understanding of the basic aspects and workings of Australian legal systems such as the main legal institutions and their functions as sources of legal authority.
2. Analyse and apply case law to legal issues using appropriate legal problem-solving methodology
3. Demonstrate an awareness of the social and ethical impact of the Australian legal system and the role of lawyers in the system
4. Analyse and critique primary and secondary sources of law relating to the principles of public law.
5. Demonstrate accurate adherence to the rules of referencing by applying the Australian Guide to Legal Citation in your written assessment tasks.

Indicative assessments		
Assessment type	**Unit 1**	**Unit 2**
Online Quiz(zes)	15%	20%
Report/assignment	40%	60%
Examination	45%	—
Oral presentation	—	20%

Law (continued)

La Trobe University

Linked undergraduate qualification

Bachelor of Laws (Honours)

Eligibility requirements

Students must have achieved at least a 70% average grade across Year 11.

Proposed delivery arrangements

Both units are taught online and comprise one 1 hour lecture and one 2 hour tutorial. Synchronous activities will be scheduled after 4pm were possible.

Two group activities, including a visit to La Trobe University's Moot Court, are also included (subject to availability).

Further information

It is recommended that you dedicate between 10 – 12 hours of study to each of your enrolled units per week (over a 12 – 14-week period). Studying these units requires good time management skills, the ability to work independently and a proactive attitude. University study is very flexible, and this allows you to work your study time around other commitments such as a part-time job or sport.

For more information, please see the relevant page on La Trobe University's **website.**

Successfully completing these units may entitle you to receive credits for prior learning. This may mean you will not have to undertake as many undergraduate units as your peers on related undergraduate courses. Please visit the **'Recognition and Credit for Prior Learning Policy'** on La Trobe University's website.

Literature

University of Melbourne

Overview

Unit 1 - ENGL10002 Literature and Performance

Unit 2 - ENGL10001 Modern and Contemporary Literature

Unit 1 Drawing on printed texts, archival materials and performance documentation, this subject introduces students to the range of critical skills required for the study of literature and theatre: close reading and an understanding of literary form; the analysis of narrative, theme and character; the interpretation of performance.

Unit 2 This subject explores the thematic and formal innovations of modern and contemporary literature in English. Beginning with Anglophone modernism, it introduces students to key texts from the twentieth and twenty-first century across a number of genres: poetry, drama, the novel, the short story, memoir.

VCE pre-requisite or co-requisite required

One of the following:

— completion of Literature 3/4 with a study score of at least 37; or

— enrolment in Literature 3/4 after completion of Literature 1/2 with at least an A average.

Learning outcomes

On completion of these two subjects, students should demonstrate a broad understanding of:

1. demonstrate a detailed knowledge of the material conditions and performance traditions of Renaissance, Romantic and realist literary texts;
2. work independently to develop and effectively communicate understandings of complex literary material and criticism;
3. apply critical and analytical skills unique to English and Theatre Studies to the representation of subjectivity and the self within complex and changing historical contexts; and
4. articulate the relationship between diverse forms of knowledge and the social, historical and cultural contexts that produced them, including a detailed understanding of selected plays by Shakespeare and his contemporaries; of selected poems by the Romantics, and of selected novels and plays of the 19th century.

Indicative assessments

Information regarding 2023 subject assessments will be released in the 2023 University Handbook in November of 2022. For current 2022 subject assessments please visit the University of Melbourne Handbook website for Unit 1 and Unit 2.

Linked undergraduate qualification

Bachelor of Arts

Literature (continued)

Eligibility requirements

To be eligible for the program you must:

- Satisfy the prerequisite and co-requisite for the subject.
- Have at least a B+ average across non prerequisite/non-corequisite subjects in Year 11.
- Must be enrolled as a Year 12 student in 2023 completing your VCE/IB studies.

Full current 2022 eligibility requirements are available on the University of Melbourne Extension Program entry requirements **website.** Please note 2023 eligibility requirements may vary and will be updated and published when approved by the University's Academic Board.

Proposed delivery arrangements

More information regarding delivery arrangements to be available in 2022.

Requirements

These subjects have a minimum requirement of (or at least) 80% attendance at tutorials, seminars, or workshops. There is an expectation that students attend lectures, in person or via online delivery. All pieces of assessment must be submitted to pass these subjects. For the purposes of meeting this hurdle requirement, each submitted assessment must be complete and constitute a genuine attempt to address the requirements of the task. (Complete not less than 50% of word count).

Further information

For more information, please visit the University of Melbourne Extension Program **website.**

Students who successfully complete subject areas as part of the Extension Program and subsequently enrol in a University of Melbourne undergraduate course may be granted advanced standing for that unit if the completed subjects can be taken as part of the chosen degree. For more information, please visit the advanced standing **website.**

Mathematics

University of Melbourne

Overview

Unit 1 - MAST10018 Linear Algebra Extension Studies

Unit 2 - MAST10019 Calculus Extension Studies

Unit 1 gives a solid grounding in one of the key areas of modern mathematics needed in science and technology. It develops the concepts of vectors, matrices and the methods of linear algebra. Students should develop the ability to use the methods of linear algebra and will develop a capacity to write mathematical proofs.

Unit 2 extends knowledge of calculus beyond the standard school curriculum. Students are introduced to hyperbolic functions and their inverses, the complex exponential and functions of two variables. Techniques of differentiation and integration will be extended to these cases.

VCE pre-requisite or co-requisite required

One of the following:

— enrolment in Specialist Mathematics 3/4 and completion of Mathematical Methods 3/4 with a study score of at least 37; or

— enrolment in Mathematical Methods 3/4 and Specialist Mathematics 3/4 after completion of Mathematical Methods 1/2 with at least an A average and General Mathematics (Specialist Mathematics orientation) 1/2 with at least a B+ average.

Learning outcomes

On completion of Linear Algebra, students completing this subject should:

1. be able to use matrix techniques to represent and solve a system of simultaneous linear equations;
2. understand the use of vectors in describing lines and planes in solid geometry;
3. understand the extension of vector concepts to abstract vector spaces of arbitrary finite dimension;
4. understand linear transformations, their matrix representations and applications;

On completion of Calculus, students completing this subject should:

1. calculate simple limits of a function of one variable;
2. Use the Sandwich Theorem and L'Hôpital's rule to find limits of functions of one variable;
3. evaluate integrals using trigonometric substitutions, partial fractions, integration by parts and the complex exponential;
4. find analytical solutions of first and second order ordinary differential equations, and use these equations to model some simple physical and biological systems;
5. calculate partial derivatives and gradients for functions of two variables; and use these to find maxima and minima.

Indicative assessments

Information regarding 2023 subject delivery and assessment will be available on the University of Melbourne Extension Program Mathematics **website.**

Linked undergraduate qualification

Bachelor of Science

Mathematics (Continued)

Eligibility requirements

To be eligible for the program you must:

— Satisfy the prerequisite and co-requisite for the subject.

— Have at least a B+ average across non-prerequisite/ non-corequisite subjects in Year 11.

— Must be enrolled as a Year 12 student in 2023 completing your VCE/IB studies.

Full current 2022 eligibility requirements are available on the University of Melbourne Extension Program entry requirements **website.** Please note 2023 eligibility requirements may vary and will be updated and published when approved by the University's Academic Board.

Proposed delivery arrangements

More information regarding delivery arrangements to be available in 2022.

Requirements

Further information

For more information, please visit the University of Melbourne Extension Program **website.**

Students who successfully complete subject areas as part of the Extension Program and subsequently enrol in a University of Melbourne undergraduate course may be granted advanced standing for that unit if the completed subjects can be taken as part of the chosen degree. For more information, please visit the advanced standing **website.**

Media and Communications

University of Melbourne

Overview

Unit 1 - MECM10003 Media and Society

Unit 2 - MECM10006 Introduction to Media Writing

Unit 1 This subject provides students with a thematic overview of the study of media and communications. The subject addresses the production and distribution of media and the work of media audiences in historical and contemporary contexts. It engages students in debates over the relative analytical power of such approaches as the economics of the media industry and the relations between media, politics and public life.

Unit 2 This subject aims to enhance students' writing in general by introducing them to the fundamental skills used by professional writers within the Media and Communications industries. Through a workshop format, students will work on their own news stories in order to enhance their mastery of written communication.

VCE pre-requisite or co-requisite required

One of the following:

— completion of Media 3/4 with a study score of at least 37; or

— enrolment in Media 3/4 after completion of Media 1/2 with at least an A average.

Learning outcomes

On completion of these two subjects, students should demonstrate a broad understanding of:

1. demonstrate an introductory-level knowledge of, and a capacity to apply, a key theories, approaches and perspectives on the role and significance of media in social life;
2. apply analytical approaches to produce critical readings of media texts;
3. deploy critical and analytical skills to critically consider the role played by media institutions, texts and practices within changing social and cultural contexts;
4. clearly communicate an understanding of different perspectives, arguments and approaches by applying conventions and protocols of academic presentation; and

engage in communal scholarship through participation in class discussion, and respectfully engaging with the participation of others.

Indicative assessments

Information regarding 2023 subject assessments will be released in the 2023 University Handbook in November of 2022. For current 2022 subject assessments please visit the University of Melbourne Handbook website for Unit 1 and Unit 2.

Linked undergraduate qualification

Bachelor of Arts.

Media and Communications (Continued)

Eligibility requirements

To be eligible for the program you must:

— Satisfy the prerequisite and co-requisite for the subject.

— Have at least a B+ average across non-prerequisite/ non-corequisite subjects in Year 11.

— Must be enrolled as a Year 12 student in 2023 completing your VCE/IB studies.

Full current 2022 eligibility requirements are available on the University of Melbourne Extension Program entry requirements **website.** Please note 2023 eligibility requirements may vary and will be updated and published when approved by the University's Academic Board.

Proposed delivery arrangements

More information regarding delivery arrangements to be available in 2022.

Requirements

These subjects have a minimum requirement of (or at least) 80% attendance at tutorials, seminars, or workshops. Any student who fails to meet this hurdle without valid reason will not be eligible to pass the subjects. There is an expectation that students attend lectures, in person or via online delivery. All pieces of assessment must be submitted to pass these subjects. For the purposes of meeting this hurdle requirement, each submitted assessment must be complete and constitute a genuine attempt to address the requirements of the task. (Complete not less than 50% of word count)

Further information

For more information, please visit the University of Melbourne Extension Program **website.**

Students who successfully complete subject areas as part of the Extension Program and subsequently enrol in a University of Melbourne undergraduate course may be granted advanced standing for that unit if the completed subjects can be taken as part of the chosen degree. For more information, please visit the advanced standing **website.**

Philosophy

University of Melbourne

Overview

Unit 1 - PHIL10002 Philosophy: The Big Questions

Unit 2 - PHIL10003 Philosophy: The Great Thinkers

Unit 1 Philosophical questions tend to be foundational and abstract in nature. In this course, we'll aim to connect those questions to practical issues. One theme will be skepticism, about knowledge and about science. What is knowledge, and do we actually know what we take ourselves to know? Other themes include ethics, and identity. In Big Questions, we'll examine (mostly) 20th and 21st century works of philosophy with an eye towards understanding how such philosophical questions connect to our lives today.

Unit 2 This course introduces students to fundamental debates in philosophy by revisiting the texts of great thinkers across history and cultures. The course begins by considering classical Greek thinkers from Plato to Aristotle before turning to the metaphysical issues raised in the medieval tradition. The second half of the course looks at three pillars of modern philosophy, Descartes, Hume and Kant, and more recent thinkers such as Rawls, Wittgenstein and Kripke. We will consider such issues as the nature of the self, the notion of beauty, the place – or not – of divinity in nature, justice, and the nature of thought and representation.

VCE pre-requisite or co-requisite required

One of the following:

— completion of any humanities 3/4 subject (with an essay-writing component) with a study score of at least 37; or

— completion of any humanities 1/2 subject (with an essay-writing component) with at least an A average.

Students may be concurrently enrolled in Philosophy 3/4.

Learning outcomes

On completion of these two subjects, students should demonstrate a broad understanding of:

1. The fundamental principles of behavioural neuroscience, including the structure and function of the nervous system;
2. The mechanisms underpinning human sensation and perception;
3. Psychological research methods;
4. Cognitive processes of learning and memory;
5. Psychologically informed approaches to maintaining wellbeing and mental health in the context of tertiary study.

Indicative assessments

Information regarding 2023 subject assessments will be released in the 2023 University Handbook in November of 2022. For current 2022 subject assessments please visit the University of Melbourne Handbook website for Unit 1 and Unit 2.

Linked undergraduate qualification

Bachelor of Arts.

Philosophy (Continued)

Eligibility requirements

To be eligible for the program you must:

— Satisfy the prerequisite and co-requisite for the subject.

— Have at least a B+ average across non-prerequisite/ non-corequisite subjects in Year 11.

— Must be enrolled as a Year 12 student in 2023 completing your VCE/IB studies.

Full current 2022 eligibility requirements are available on the University of Melbourne Extension Program entry requirements **website.** Please note 2023 eligibility requirements may vary and will be updated and published when approved by the University's Academic Board.

Proposed delivery arrangements

More information regarding delivery arrangements to be available in 2022.

Requirements

Students must attend a minimum of 75% of tutorials in order to pass this subject. All pieces of written work must be submitted to pass this subject.

Further information

For more information, please visit the University of Melbourne Extension Program **website.**

Students who successfully complete subject areas as part of the Extension Program and subsequently enrol in a University of Melbourne undergraduate course may be granted advanced standing for that unit if the completed subjects can be taken as part of the chosen degree. For more information, please visit the advanced standing **website.**

Physics

University of Melbourne

Overview

Unit 1 - PHYC10003 Physics 1

Unit 2 - PHYC10004 Physics 2: Physical Science and Technology

Unit 1 is designed for students with a sound background in physics and aims to provide a strong understanding of a broad range of physics principles.

Unit 2 is designed for students with a sound background in physics, whose interests lie mainly in applications of physics to systems in the physical sciences, technology or engineering. Physics 2: Physical Science and Technology introduces calculus techniques to the study of the range of principles and applications presented.

VCE pre-requisite or co-requisite required

One of the following:

- completion of Physics 3/4 and Mathematical Methods 3/4 with study scores of at least 37; or
- enrolment in Physics 3/4 and Mathematical Methods 3/4 after completion of Physics 1/2 and Mathematical Methods 1/2 with at least A averages.

Learning outcomes

On completion of these two subjects, students should be able to:

- Understand and explain the physics principles of translational and rotational mechanics, waves, optics and special relativity;
- Apply these principles using logical reasoning, together with appropriate mathematical reasoning, to a variety of familiar and novel situations and problems;
- Make considered and logical predictions of the outcomes of different physical situations in the context of the relevant physics principles; and
- Acquire experimental data using a range of measurement instruments and interpret these data.

Indicative assessments

Information regarding 2023 subject assessments will be released in the 2023 University Handbook in November of 2022. For current 2022 subject assessments please visit the University of Melbourne Handbook website for Unit 1 and Unit 2.

Linked undergraduate qualification

Bachelor of Science

Eligibility requirements

To be eligible for the program you must:

- Satisfy the prerequisite and co-requisite for the subject.
- Have at least a B+ average across non-prerequisite/ non-corequisite subjects in Year 11.
- Must be enrolled as a Year 12 student in 2023 completing your VCE/IB studies.

Full current 2022 eligibility requirements are available on the University of Melbourne Extension Program entry requirements website. Please note 2023 eligibility requirements may vary and will be updated

Physics (Continued)

and published when approved by the University's Academic Board.

A Physics Selection Test will also be required for applicants that have not completed both VCE Unit 3 and 4 Physics, and VCE Unit 3 and 4 Mathematical Methods or Specialist Mathematics or are completing the International Baccalaureate (IB).

Proposed delivery arrangements

More information regarding delivery arrangements to be available in 2022.

Requirements

Attendance is mandatory via hy-flex delivery. Students may also be required to attend either CHES or the university campus onsite for end-of-unit examinations. Additionally, laboratory-based practical classes onsite at the Parkville campus have mandated attendance once a semester during the school holiday periods (two days each between Terms 1-2 and 2-3).

Further information

For more information, please visit the University of Melbourne Extension Program **website.**

Students who successfully complete subject areas as part of the Extension Program and subsequently enrol in a University of Melbourne undergraduate course may be granted advanced standing for that unit if the completed subjects can be taken as part of the chosen degree. For more information, please visit the advanced standing **website.**

Psychology

University of Melbourne

Overview

Unit 1 - PSYC10003 Mind, Brain and Behaviour 1

Unit 2 - PSYC10004 Mind, Brain and Behaviour 2

Unit 1 Mind, Brain & Behaviour 1 provides an introduction to how we uniquely sense and perceive our world to construct our own internal psychological experience. The subject explores how we learn, think, remember, and operate within our constructed worlds; and explains the neural mechanisms that underpin psychological processes and experiences.

Unit 2 The subject comprises five core topic areas: Human Development; Social Psychology; Personality Psychology; Clinical Psychology; and Quantitative Psychological Research Methods. In presenting these topics, the subject aims to provide students with knowledge of major theories, historical trends and empirical findings.

VCE pre-requisite or co-requisite required

One of the following:

— completion of Psychology 3/4 with a study score of at least 38; or

— enrolment in Psychology 3/4 after completion of Psychology 1/2 with at least an A average.

Learning outcomes

On completion of these two subjects, students should demonstrate a broad understanding of:

6. The fundamental principles of behavioural neuroscience, including the structure and function of the nervous system;
7. The mechanisms underpinning human sensation and perception;
8. Psychological research methods;
9. Cognitive processes of learning and memory;
10. Psychologically informed approaches to maintaining wellbeing and mental health in the context of tertiary study.

Indicative assessments

Information regarding 2023 subject assessments will be released in the 2023 University Handbook in November of 2022. For current 2022 subject assessments please visit the University of Melbourne Handbook website for **Unit 1** and **Unit 2.**

Linked undergraduate qualification

Bachelor of Science, Bachelor of Arts and the Bachelor of Biomedicine

Eligibility requirements

To be eligible for the program you must:

— Satisfy the prerequisite and co-requisite for the subject.

— Have at least a B+ average across non-prerequisite/ non-corequisite subjects in Year 11.

— Must be enrolled as a Year 12 student in 2023 completing your VCE/IB studies.

Full current 2022 eligibility requirements are available on the University of Melbourne Extension Program entry requirements **website.** Please note 2023 eligibility requirements may vary and will be updated and published when approved by the University's Academic Board.

Psychology (Continued)

Proposed delivery arrangements

Units 1 and 2 provide:

1) 2 x 1-hour weekly lectures, which are presented online in each of the 12 teaching weeks comprising each semester unless otherwise specified.
2) 1 x 1-hour compulsory weekly practical class, which are held in weeks 2 to12 in each semester.
3) Optional weekly 1-hour Q&A sessions, which are presented online.
4) Opportunities to obtain up to 5% unit credit through participation in the psychological Research Experience Program (REP).

Requirements

Students will be able to view weekly lectures online at a time of their choosing unless otherwise specified.

Students will be required to attend their compulsory weekly, regularly scheduled practical class on the University of Melbourne campus. Those students who are unable to attend campus during semester must enrol in a weekly, regularly scheduled Zoom-based online practical class. Students must remain in their allocated class for the duration of each semester and cannot switch between campus-based and online modes.

Students choosing to learn about psychological research and obtain subject credit through the REP are required to participate in psychological research. Research participation opportunities will be offered on campus and/or online.

Students may be required to attend the University of Melbourne campus to undertake end-of-semester examination.

Further information

For more information, please visit the University of Melbourne Extension Program **website.**

Students who successfully complete subject areas as part of the Extension Program and subsequently enrol in a University of Melbourne undergraduate course may be granted advanced standing for that unit if the completed subjects can be taken as part of the chosen degree. For more information, please visit the advanced standing **website.**

Psychology

Federation University

Overview

Unit 1 – PSYCB1101 Introductory Psychology A: Biological and Cognitive Psychology

Unit 2 – PSYCB1102 Introductory Psychology B: Personality and Individual Differences

PSYCB1101 and PSYCB1102 are designed to enable students to gain an understanding of the key psychological terms, concepts, theories, methods and research findings in contemporary psychology. These courses enable will provide a foundation for more advanced studies in psychology. The aims of the courses are to provide students with a foundational understanding of human behaviour and its application in a variety of contexts. Topics introduce students to the study of psychology and its application in a modern world and include biological psychology; cognition; developmental psychology; intelligence; motivation & emotion; developmental psychology; health, stress, and coping; personality; social psychology; and abnormal psychology.

VCE pre-requisite or co-requisite required

Students will have completed VCE Units 3 and 4 of Psychology

Learning outcomes

On successful completion of Units 1 and 2, you will be able to:

1. Identify and describe theories, principles, and concepts in several major areas within psychology
2. Review, discuss and appraise major psychological terms, methods, and research findings
3. Identify, describe and interpret research techniques
4. Critically review and evaluate psychological literature and concepts, and interpret experimental findings
5. Conduct, analyse, and communicate psychological research at a basic level
6. Choose and apply the appropriate American Psychological Association (APA) conventions when describing psychological research and prepare a written assignment using these conventions
7. Communicate an understanding of key psychological principles and concepts

Indicative assessments		
Assessment type	**Unit 1**	**Unit 2**
Online quiz(zes) and test(s)	55	55
Written assessment	45	45

Linked undergraduate qualification

Bachelor of Psychological Science

Eligibility requirements

Not applicable.

Psychology (Continued)

Proposed delivery arrangements

On-line learning materials, supported by 12x2h tutorial classes that run on-line and/ or face-to-face, depending upon student needs. Tutorial classes could be based at CHES, or at a university campus, depending upon the home locations of the students. Students may either attend in-person or join online.

Unit 1 will commence in February and conclude in May. Unit 2 will commence in July and conclude in October.

Requirements

Orientation occurs online. No onsite attendance is mandated.

Further information

For more information on the Bachelor of Psychological Science, please visit our **course information page**

It is recommended that you dedicate between 8 -10 hours of study to each of your enrolled units per week (over a 12 week period). Studying these units requires good time management skills, the ability to work independently and a proactive attitude. University study is very flexible, and this allows you to work your study time around other commitments such as a part-time job or sport.

Successfully completing these units may entitle you to receive credits for prior learning. This may mean you will not have to undertake as many undergraduate units as your peers on related undergraduate courses.

Federation University Recognition and Credit for Prior Learning Policy

Screen Media

VICTORIA UNIVERSITY
MELBOURNE AUSTRALIA

Victoria University

Overview

Unit 1 – Writing for Screen

Unit 2 – Online Screen Media

Writing for Screen introduces you to the foundational elements of writing for film, television and other screen media platforms. You will learn about narrative structure, character development, formatting and style conventions for both fiction and non-fiction works. You will critically reflect on the history of script writing for screen and on existing works across a diverse range of genres. This unit provides you with constructive feedback to assist you in the conceptual development and writing of an original screenplay.

Online Screen Media examines new methods in the production and distribution techniques of video media through online platforms, including video-on-demand and streaming sites such as YouTube. It examines the way new distribution platforms are used by media professionals to distribute and engage with audiences. In this unit you will analyse new practices which have been created from platforms like YouTube and the impact these new platforms have upon traditional media practices.

VCE pre-requisite required

Students must have successfully completed or be Unit 3 and 4 of VCE Media.

Learning outcomes

On successful completion of Units 1 and 2, you will be able to:

1. Analyse and critically reflect on screenplay as a historical and culturally distinct form of communication;
2. Demonstrate a theoretical and technical knowledge of screenwriting terminology and style conventions;
3. Contextualise and rationalise character development as an integral component of successful narrative construction;
4. Exhibit understanding of the skills and methodologies required for screen writing;
5. Respond to feedback to further improve creative works.
6. Explain contemporary practices in online video production and distribution;
7. Analyse, evaluate and develop media resources reflective of contemporary media practices;
8. Examine the changes to video media distribution methods; and
9. Create short viral video projects.

Indicative assessments		
Assessment type	**Unit 1**	**Unit 2**
Comparative analysis of a screen play	25%	—
Synopsis and character development	30%	—
Original screenplay	45%	—
Written review	—	20%
Presentation	—	25%
Group report on media concept	—	20%
Presentation of media concept and video	—	35%

Screen Media (Continued)

VICTORIA UNIVERSITY
MELBOURNE AUSTRALIA

Linked undergraduate qualifications

Bachelor of Animation and Visual Effects

Bachelor of Screen Media

Eligibility requirements

Students must have achieved at least a B average in units 3 and 4 of VCE Media.

Proposed delivery arrangements

2-hour online lecture fortnightly, and a 2-hour workshop delivered fortnightly onsite at CHES using a hy-flex delivery mode. Students may either attend in-person or join online. Unit 1 will commence in February and conclude in May. Unit 2 will commence in July and conclude in October.

Where possible, these units will be delivered after 4pm.

Requirements

A half day (3 hour) induction session will be scheduled prior to the commencement of Unit 1 and is not reflected in the hours above. This will be delivered using a hy-flex model. No onsite attendance is mandated; however, students may be required to attend either CHES or the university campus for end-of unit examinations.

Further information

It is recommended that you dedicate between 10 – 12 hours of study to each of your enrolled units per week (over a 12 – 14-week period). Studying these units requires good time management skills, the ability to work independently and a proactive attitude. University study is very flexible, and this allows you to work your study time around other commitments such as a part-time job or sport.

For more information, please see the relevant page on Example University's **website.**

Successfully completing these units may entitle you to receive credits for prior learning. This may mean you will not have to undertake as many undergraduate units as your peers on related undergraduate courses. Please visit **Credit for Skills and Past Study** site on the Victoria University website.

Space Technology

Overview

AER10001 Space Applications provides you with an understanding of the different types of end-user Australian space applications such as research, communications and defence and recognize the importance of collaboration at the domestic and international level.

LAW10027 Space Policy, Law and the New Space Economy provides you with a foundational understanding of the International and Domestic Legal frameworks relevant to space operations and research in Australia and a basic understanding of what factors shape current and future space activities.

VCE pre-requisite or co-requisite required

None

Learning outcomes

On successful completion of AER10001 and LAW10027, you will be able to:

5. Identify key stakeholders within the Australian space industry ecosystem and relationships between those key stakeholders
6. Discuss and debate current opportunities within national and international space industries for entrepreneurs and researchers
7. Appraise the legal challenges and locate relevant applicable legal and regulatory instruments related to space research and operations in Australia
8. Describe practical legal aspects of space activities and apply that knowledge to describe effective ways to minimize project risks

Indicative assessments		
Assessment type	**Unit 1**	**Unit 2**
Online Quiz(zes)	25%	20%
Portfolio	50%	60%

Linked undergraduate qualification

Bachelor of Science

Eligibility requirements

None

Proposed delivery arrangements

Unit is delivered in a blended mode, with 12x 1-hour tutorials (hyflex).

Delivery Option 1: 12-week standard semester

Delivery Option 2: 10-week quarter (aligns to school terms)

Requirements

Tutorials will be delivered either at CHES or on campus and will be offered with a hyflex option as well. Attendance at space industry events on campus will be available to students in these units.

Further information

Between online learning, tutorials, assessments and your own study, it is expected you are spending around ten hours per week on your enrolled units (over a 12-week period). Studying these units requires good time management skills, the ability to work independently with a proactive attitude. University study is very flexible, and this allows you to work your study time around other commitments such as a part-time job or sport. Please visit our website for study skills support.

Successfully completing these units may entitle you to receive advanced standing in a Swinburne degree, which means you will not have to undertake as many undergraduate units as your peers. Please visit our Credit for Prior Study or Experience website for more detail.