JULY WINTER SCHOOL
2019
Exchange Program
adelaide.edu.au
The University of Adelaide's July Winter School offers international exchange students the opportunity to study in an intensive academic program with local and international students, while immersing themselves in Australian culture.

ENTRY REQUIREMENTS
Students must:

• Have completed one year of study at their home university.
• Provide evidence of a GPA of at least 2.5 out of 4.0.

Additional requirements apply to non-native speakers. For details please refer to the University's [website](http://www.adelaide.edu.au).

CONTACT

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Global Engagement
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The University of Adelaide

With over 140 years of excellence in education, The University of Adelaide is one of Australia's oldest and most prestigious tertiary institutions.

From its early beginnings, the state of South Australia was a progressive state. It was freely settled and the first Australian state to provide voting rights to women. In 1881, The University of Adelaide became the first university in Australia, and only the second in the world, to admit women to academic courses.

The history of firsts continued; the University's first science graduate was also its first female graduate, Edith Emily Dornwell, who graduated in 1885. It was the first Australian university to establish a Conservatorium of Music, a Chair of Music, and a Doctor of Music, and the first to grant that degree to a woman (in 1918).

The University is consistently ranked in the top 1% in the world and is associated with five Nobel Prize winners, has produced 112 Rhodes Scholars, and 139 Fulbright Scholars. The University is a member of the Group of Eight - Australia's leading research-intensive universities.

With more than 27,000 students from more than 90 countries and over 3,000 staff, the University is small enough to provide personal interaction with teaching staff, yet large enough to offer a broad range of programs and student support services.

For more information on the University of Adelaide, visit [www.adelaide.edu.au](http://www.adelaide.edu.au)

SUMMARY OF KEY DATES

**Winter School Application Deadline**
1 March 2019

**Tour Booking Deadline**
31 May 2019
The University of Adelaide July Winter School program has been designed to give exchange students a genuine “study abroad” experience and undertake up to 7.5 US credits. Students will study with other international and local students.

Students can take up to 2 University of Adelaide courses of 3 units each (equivalent to ½ of a full semester load).

An official academic transcript will be sent directly to the students for credit transfer.

The application deadline for students to apply for Winter School is Friday 1 March 2019.

Entry Requirements:

• At least 1 year of study completed in a university degree program
• GPA of 2.5/4
• Additional requirements apply to non-native speakers. For details please refer to the university’s website.

PLEASE NOTE: Examinations, if required, may be scheduled after the end of the listed course dates and some may be scheduled while a student’s second course is in progress. Students are required to attend all examinations.

The official examination period is scheduled for 25–27 July. Replacement examinations (if required) are held on 10 August. Students may also be required to complete assignments after completion of the courses (and potentially following departure from Australia).

Enrolment places are subject to availability. For course descriptions, please refer to the Appendix.
Undergraduate (Bachelor) Winter School Courses

THE ANTHROPOLOGY OF DRINKING: FROM WATER TO WINE (ANTH 2057)
Monday 1 July to Friday 19 July

COMMUNITY ENGAGEMENT LEARNING PROJECT (ARTS 3100)
Tuesday 2 July to Tuesday 23 July

CHINESE 1A (CHIN 1001)
Monday 1 July to Friday 26 July

ACADEMIC ENGLISH (EDUC 1016/EDUC 2003)
Monday 1 July to Tuesday 23 July

INDIGENOUS CULTURE & HISTORY (HIST 1107)
Monday 1 July to Friday 26 July

JAPANESE 1A (JAPN 1001)
Monday 1 July to Friday 26 July

ENVIRONMENT AND CITIZENSHIP (POLIS 2012/POLIS 3113)
Monday 1 July to Friday 12 July

COURSE PAIRING TABLE

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*See courses in other Faculties
FACULTY OF THE PROFESSIONS

Undergraduate (Bachelor) Winter School Courses

LABOUR ECONOMICS (ECON 3504)
Monday 8 July to Friday 26 July

THE ECONOMICS OF EUROPEAN INTEGRATION (ECON 3526)
Monday 8 July to Friday 26 July

ENTREPRENEURSHIP FOUNDATIONS AND MINDSET (ENTREP 1011)
Monday 15 July to Friday 19 July

DIGITAL TECHNOLOGY ENTREPRENEURSHIP (ENTREP 2010)
Monday 8 July to Friday 12 July

PROTOTYPING: POSSIBILITIES TO PRODUCT (ENTREP 2051)
Monday 8 July to Monday 22 July

INNOVATION AND CREATIVITY (ENTREP 3000)
Monday 8 July to Friday 12 July

ENERGY MANAGEMENT, ECONOMICS & POLICY (ENTREP 3006)
Monday 15 July to Friday 19 July

ADVANCED INTERNATIONAL LAW: INTERPRETATION IN INTERNATIONAL LAW (LAW 3539)
Tuesday 9 July to Friday 26 July
Please note: This course is only open to Law students

INFRASTRUCTURE & SUSTAINABILITY (PROJMGNT 3043)
Monday 22 July to Friday 26 July

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*See courses in other Faculties
LABOUR ECONOMICS PG (ECON 7070)  
Monday 8 July to Friday 26 July

THE ECONOMICS OF CLIMATE CHANGE (ECON 7221)  
Tuesday 9 July to Friday 26 July

DIGITAL ENTREPRENEURSHIP (ENTREP 7036)  
Monday 8 July to Friday 12 July

ENERGY MANAGEMENT, ECONOMICS & POLICY  
(ENTREP 7037)  
Monday 15 July to Friday 19 July

3D PRINT PROTOTYPING (ENTREP 7051)  
Monday 8 July to Monday 22 July

PERSONAL PROPERTY SECURITY LAW (LAW 7153)  
Friday 5 July to Saturday 13 July

PROJECT MANAGEMENT FUNDAMENTALS  
(PROJMGNT 5021)  
Monday 1 July to Tuesday 16 July

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Undergraduate (Bachelor) Winter School Courses

HORTICULTURAL PRODUCTION AND QUALITY (AGRIC 3530WT)
Monday 15 July to Friday 26 July
Please note: This course is taught at the Waite campus, located 20-30 minutes by public transport from the city centre.

ANIMALS AND THE LAW (ANIML SC 3250RW)
Monday 8 July to Friday 19 July
Please note: This course is taught at the Roseworthy campus, located 1.5 hrs by public transport from the city centre.

THE AUSTRALIAN WINE INDUSTRY III: RISE OF AN ICON (OENOLOGY 3515WT)
Monday 1 July to Friday 26 July
Please note: This course is taught at the Waite campus, located 20-30 minutes by public transport from the city centre.

NUTRITION: IDEOLOGY, INDIVIDUALS & INDUSTRY (PUB HLTH 3007)
Wednesday 17 July to Tuesday 23 July

INTERNATIONAL HEALTH (PUB HLTH 3122)
Monday 8 July to Friday 12 July

COMMUNICATING SCIENCE (SCIENCE 3200)
Monday 8 July to Monday 22 July
Please note: There is an additional non-compulsory writing workshop on Monday 29 July.

ENVIRONMENTAL TOXICOLOGY AND REMEDIATION III (SOIL&WAT 3004WT)
Monday 15 July to Friday 26 July
Please note: This course is taught at the Waite campus, located 20-30 minutes by public transport from the city centre.

GIS FOR AGRICULTURE & NATURAL RESOURCE III - (SPATIAL 3020WT)
Monday 8 July to Friday 19 July
Please note: This course is taught at the Waite campus, located 20-30 minutes by public transport from the city centre.

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*See courses in other Faculties
Postgraduate (Masters) Winter School Courses

THE AUSTRALIAN WINE INDUSTRY III: RISE OF AN ICON (OENOLOGY 7515WT)
Monday 1 July to Friday 26 July
Please note: This course is taught at the Waite campus, located 20-30 minutes by public transport from the city centre.

COMMUNICATING SCIENCE (SCIENCE 7020)
Monday 8 July to Monday 22 July
Please note: There is an additional non-compulsory writing workshop on Monday 29 July.

GIS FOR AGRICULTURE & NATURAL RESOURCE MANAGEMENT (SPATIAL 7030WT)
Monday 8 July to Friday 19 July
Please note: This course is taught at the Waite campus, located 20-30 minutes by public transport from the city centre.

These courses cannot be combined without timetable clashes.
WINTER SCHOOL ACTIVITIES

Winter School and Social Activities

Students can choose to include a day trip and/or a weekend trip during their stay. We work with a preferred provider who will offer the following tours in July for Winter School students.

Students can choose both, one or none of these trips. The tour company will contact the students directly regarding tour details, dietary requirements and departure and arrival information.

Full Day Trip to Historic Barossa Valley

Saturday 20 July

Australia's most famous wine region, the Barossa Valley, is home to some of the oldest Shiraz vineyards in the world, acclaimed Rieslings and iconic wine brands. The Barossa is a gourmet lover's paradise enriched in a strong cultural heritage reflected in its wine, food, buildings and people. The tour will include:

- Visit of the Whispering Wall (weather dependent) which was constructed over 110 years ago and where it is possible to hear a whisper from 140 meters away.
- Wine tasting at Barossa Valley wineries.
- Lunch with delicious regional foods served in a picnic setting.

The cost of the Barossa Valley full day trip is AUD $80. Participation is subject to seat availability.

The deadline for sending a booking request to inbound@adelaide.edu.au is Friday 31 May 2019.

Weekend Kangaroo Island Tour

Saturday 13 July (early morning) to Sunday 14 July (evening)

The third largest island off the coast of Australia, Kangaroo Island is a nature wonderland. With 30% of its land protected as national and conservation parks, the island offers pristine wilderness and opportunities to see wildlife in its natural habitat. The island is promoted as a world-class nature-based tourist destination and is regarded as a key attraction in South Australia. The island features 28 protected areas covering more than 116,000ha and the marine environment of Kangaroo Island is spectacular and of great significance for biodiversity conservation, aquaculture, fishing and other recreational uses. The 541 kilometres of coastline varies from gentle beaches to sheer cliffs with wild waves and dramatic rock formations such as the Remarkable Rocks. The tour will include:

- Emu Ridge Eucalyptus Distillery.
- Picnic lunch in Flinders Chase National Park.
- National Park highlights including the Remarkable Rocks, Cape De Couedic and Admirals Arch.
- Aussie BBQ around a campfire (weather dependent).
- Night wildlife walk.
- Ranger-guided tour of Seal Bay among an Australian Sea Lion colony.
- Visits to Little Sahara and Vivonne Bay.
- Clifford's Honey Farm, which is home to the purest strain of the Ligurian bee.

The cost of the Kangaroo Island tour will depend on the number of participants (AUD $370 – AUD $390). Participation is subject to seat availability.

The deadline for sending a booking request to inbound@adelaide.edu.au is Friday 31 May 2019.
Adelaide

Adelaide is the perfect place to enjoy a rewarding study experience in a relaxed, beautiful environment.

Adelaide, the capital city of South Australia, is a compact multicultural city with a population of about 1.3 million. South Australians lead a relaxed but exciting lifestyle in a state rich in history, and a particular love of fine wine and food. Adelaide enjoys a Mediterranean climate, with warm, dry summers and cool, mild winters.

Students will be amazed by the beauty and variety of nature found in South Australia, all within short reach of Adelaide. Lush hills to the east, white sandy beaches to the west, dusty outback to the north and rugged coastline to the south mean that they will never tire of exploring their Australian home, even in the cooler winter months.

Outstanding Location

The University of Adelaide is located in the cultural heart of Adelaide, the capital city of South Australia. The University’s attractive main campus is situated in the centre of Adelaide’s thriving retail, dining and cultural district.

Known for its pleasant Mediterranean climate, thriving economy, dynamic cultural scene and affordable cost of living, Adelaide offers an enviable lifestyle in an environment that is ideal for study and recreation. Adelaide has a high standard of living at a relatively low cost; 20% less than its east coast counterparts like Sydney or Melbourne.* It is an attractive, friendly, safe and well-planned city of wide streets and boulevards, squares, parklands and a mixture of historic and modern buildings. With a population of 1.3 million, Adelaide is Australia’s fifth largest city.

The Adelaide Central Markets

Located in the city centre, the Adelaide Central Market is a wonderful place to visit. Locals and visitors go to the market to dine at the many cafes and restaurants, buy fruit, vegetables and gourmet produce and enjoy a great atmosphere full of the colours and smells of fresh food.

Festival and Events

Named the ‘Festival City’, Adelaide has at least one festival every month throughout the year. These range from food and wine festivals to international arts festivals and major sporting events. Ongoing festivals and events include: The Adelaide Festival of Arts, WOMADelaide, the Adelaide 500, the Fringe Festival, Santos Tour Down Under, The Festival of Ideas and much more. June showcases the Adelaide Cabaret Festival with 14 nights of food, wine and includes a mixture of music, satire, comedy, musical theatre and storytelling.

Places of Interest on North Terrace

North Terrace, in the centre of the city of Adelaide is a beautiful wide boulevard lined with historic buildings and many attractions including the State Library of South Australia, the Adelaide Festival Centre, the South Australian Museum, the Art Gallery and the Adelaide Botanic Garden. The Adelaide Zoo is also in easy walking distance of North Terrace.

Beaches

With hundreds of unspoilt beaches along the South Australian coastline, there is a beach to suit every activity from swimming, surfing and diving, whale watching to boating and fishing or having fish and chips while you watch the sun set over the water. Glenelg is Adelaide’s most popular seaside resort, located 11km southwest of the city and easily accessible by tram from the city centre. Its long white sandy beach is clean and safe which makes it a great beach for swimming, it is also surrounded by lovely picnic areas, a great esplanade and many restaurants, cafes and bars.

Restaurants and Eating Out

Adelaide has more bars, restaurants and cafes per person than any other city in Australia and you’ll find an extremely varied selection of cuisines, price ranges and styles. Our climate is perfect for alfresco dining much of the year, and our international influences range from the Mediterranean to Asia. All this makes for a relaxed and high-quality food and wine culture where fine dining, café culture and great pubs and bars mix together. You’ll find entire streets devoted to dining. And any visit to South Australia isn’t complete without a visit to Haigh’s Chocolates, the only chocolatier in South Australia that still imports and roasts their own beans.
Sports and Outdoor Pursuits
Outdoor recreation and sport plays an important role in the daily life of Australians and there are plenty of activities and events available to international visitors. You can play golf on lush fairways within one kilometre of the city, hike in the many national parks, paddle a canoe through the wild backwaters of the Murray River, paddleboard at Glenelg or attend a game of Aussie Rules Football at the Adelaide oval.

National Parks and Conservation Areas
Surrounding Adelaide there are many national parks and conservation areas which are protected and maintained by the Australian Government so that locals and visitors can enjoy the native Australian bush and wildlife. Cleland Conservation Park provides an excellent opportunity to see koalas, kangaroos, wallabies and other native animals in their natural surroundings. Other parks such as those at Belair, Parra Wirra and Morialta are great for hiking, bike riding or having picnics. Most of these parks can be reached by public transport from the city centre.

Wine Regions
South Australia is home to Australia’s leading wine growing regions including the Barossa Valley, McLaren Vale, Adelaide Hills and Clare Valley. All wine regions are within a three hour drive from Adelaide and are great places to visit to tour wineries for wine tasting, dine at beautiful local restaurants and experience South Australian country towns and landscapes.

Ikara – Flinders Ranges
The Flinders Ranges National Park, a spectacular mountain range about five hours north of Adelaide, is a very popular tourist destination. Visitors love the Flinders Ranges because of the rugged ‘outback’ scenery, starry skies, seasonal wildflowers, tree-lined gorges and native wildlife. Wilpena Pound, in the heart of the national park, offers excellent camping and bushwalking, abundant wildlife, and diverse native vegetation.

The Fleurieu Peninsula
The Fleurieu Peninsula is home to some of South Australia's most picturesque swimming and fishing beaches, walking trails, and wine regions. The seaside region of Victor Harbor offers many different opportunities: surfing, fishing and swimming at its different beaches, whale-watching and the chance to see fairy penguins, nesting on Granite Island.

Useful Websites
http://www.studyadelaide.com/
http://southaustralia.com/
Support Services at The University of Adelaide

Student Facilities and Activities
The University has a state-of-the-art, 24-hour student facility known as Hub Central. The Hub offers food and retail outlets, student services, study and relaxation areas and bookable group study rooms. This flexible space is well utilised by both local and international students. In addition to these facilities offered by Hub Central, the Adelaide University Union provides a variety of on-campus eating places, a bar, a theatre and performance facilities. The University also has its own gym on campus called the Fitness Hub.

Student Cards
Student cards are issued to students at Hub Central. They allow students access to all University facilities including computer labs, the University Library and the many clubs on campus. Student cards also provide discounts for students on public transport, at some restaurants, cinemas and other popular student activities.

Accommodation
There is a wide range of accommodation options available at various price points. Information and assistance on temporary accommodation can be found at the University’s Accommodation Service.

Support Services
From the moment students arrive, The University of Adelaide has a range of high quality support services designed to help international students settle in quickly and succeed in their studies. Ongoing support of international students is the responsibility of the International Student Support team (ISS). Their services include general counselling, assistance with student issues, and welfare support. In addition to the ISS Student Advisers, the University also operates the Counselling Centre on campus, which is staffed by professional counsellors. Located next to the Counselling Centre is the University’s Health Service which provides standard medical treatment and advice. These services are available to all students.

Library
With over 2.2 million print and electronic resources, the library is well placed to support learning, teaching and research at the University of Adelaide. Students in the library can take advantage of a number of services including wireless internet access for laptops, study areas for individual or group study, 24 hour computer suite, photocopiers and an interlibrary loan service. Specialist librarians provide training and assistance in searching for information and in using the library.
PROGRAM COSTS

Adventure and Social Activities
Students have the option of choosing a day trip and/or a weekend trip. Places on both trips are subject to availability.

Kangaroo Island Overnight Trip
Departing Saturday early morning 13 July and returning Sunday evening 14 July.

AUD $370 - $390*
*Depending on number of participants.

Barossa Valley Day Trip
Saturday 20 July
AUD $80

Totals
For the period 25 June – 28 July for 2 university courses and depending on choice of activities.

AUD $370 - $470

Meals and Personal Costs
Students should budget additional money for meals and personal costs of around AUD $1,600-$2,200. This is an estimation of costs that students may incur.

It is strongly recommended for students to purchase comprehensive health and travel insurance. This is not included in the costs.
APPENDIX

Descriptions of Available Courses

Please note: All course enrolments are subject to availability.

AGRIC 3530WT - HORTICULTURAL PRODUCTION AND QUALITY
This course delivers an overview of horticultural industries across the domains of: annual field vegetable crops; perennial tree and vine crops; protected cropping; peri-urban and amenity horticulture. Students develop knowledge and skills in: identification of horticultural varieties; nursery, glasshouse and orchard management; irrigation and fertigation; plant health; post-harvest and supply chains. Through a curriculum of online videos, lectures, workshops and field tours students develop detailed knowledge of the production cycles, environmental management, quality control and markets of at least six horticultural crops. They develop the capacity to provide recommendations for the establishment and management of a new commercially viable horticultural enterprise. They develop skills in digital technology as applied to control systems management in a horticultural industry.

Please note: This course is taught at the Waite campus, which is located about 20 - 30 minutes by public transport from the city centre.

Please note: This course requires Faculty approval.

ANIML SC 3250RW - ANIMALS AND THE LAW
This course will look at the ethics and jurisprudence on the way humans think of and treat animals, the history and present status of animals as property, and the statutory and case law in which non-humans play a part. The course will involve visits to different animal enterprises in order to assess how the law works in practice and the effectiveness of enforcement in these real life situations.

Please note: This course is taught at the Roseworthy campus, which is located about 1 - 1.5 hours by public transport from the city centre.

Please note: This course requires Faculty approval.

ARTS 3100 – COMMUNITY ENGAGEMENT PROJECT
The Community Engagement Learning Project is a short course that provides students with the opportunity to engage with a not-for-profit or government organisation by undertaking a group project identified by the organisation. Students will meet with leaders of the organisation and present their project work at the end of the course. As an alternative, students may organise a 20-hour placement in a not-for-profit or government organisation, subject to the approval of the course coordinator. The course has an important academic component. Students will explore the concept of community engagement, the role of the community sector in Australia, the context in which the sector operates, and the tools the sector has available to it to deliver services, influence policy and programs, and provide information to its client groups. Students will have the opportunity to develop a range of skills through the seminar program as well as engaging with a local organisation that delivers services to the community. Attendance at seminars is compulsory.

CHIN 1001 - CHINESE IA
Chinese IA is a course for beginners in the language, followed by Chinese IB in semester 2 to build up basic knowledge and skills in Chinese. Native speakers or heritage speakers of Mandarin Chinese are not eligible for this course. Students who have studied Chinese before should contact the lecturers concerned to decide the best level to which they should be able to master the Chinese phonetic system (Hanyu Pinyin), and should have an active vocabulary of around 200 Chinese characters and associated compounds concentrating on vocabulary that relates to contemporary China.

CHIN 1001 - CHINESE IA
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Please note: This course requires Faculty approval.

ANTH 2057 - THE ANTHROPOLOGY OF DRINKING: FROM WATER TO WINE
Drinking is fundamental to our lives as human beings. We drink for biological reasons - to quench our thirst and for physical nourishment - but drinking also has a deep cultural resonance across almost all human societies for a range reasons, and it is this significance that will be explored in this course. What we drink, and how, matters. From water to wine, coffee to kava, and all manner of other substances, drinking is often a crucial and meaning-laden part of our social worlds. It is important in processes of social cohesion, identity construction, and symbolic boundary-making. It is present in ritual and religion, medicine, economic exchange, and ideas of leisure, enjoyment and relaxation. And in some cases, drinking is also subject to social stigmatization, and can be linked to notions of moral impurity, pathology, and social disorder. Anthropology is an evolving and expanding field, and the study of drinking as a cultural phenomenon extends across a number of academic disciplines. While students participating in this course are not be required to have a background in anthropology, they will be expected to familiarise themselves with anthropological perspectives in addressing the subject matter. Throughout the course students will be introduced to a range of theories, and these will be used as lenses through which to view and interrogate the cultural positioning of drinks and drinking. Ethnographic writing and film will be employed to examine and illuminate various ways drinking is performed and understood, and the functions and social relations of drinking will be analysed across a variety of cultural settings, including within contemporary Australia.
ECON 3504/ECON 7070 - LABOUR ECONOMICS
This course is designed to introduce students to economic models of the labour market, both theoretical and empirical. Illustrations from current policy debates are used. After completing this course, students will be able to describe key features of the labour market, analyse models of the labour market in order to make predictions concerning the impact of public policy recommendations, and evaluate existing data relating to these predictions. Topics include the supply of labour and accumulation of human capital; demand for labour in competitive and non-competitive markets; labour unions; the determination of equilibrium wages; wage discrimination; policies such as minimum wage laws, welfare reform, and trade.

ECON 3526 - THE ECONOMICS OF EUROPEAN INTEGRATION
The course analyses European economic integration. The main focus is on applying economics, especially trade and open economy macro theory, but also public finance and microeconomics. The course outline is roughly chronological: the first half covers establishment of the customs union and initial steps towards monetary union, and the second half analyses the deeper and wider EU integration since the late 1980s. Although attention is paid to the historical and institutional background and the political economy of decision-making in Europe, it is an applied economics course, not international relations or narrative history. Students should review economics principles. Concepts such as elasticity, marginal revenue, marginal cost, price discrimination, consumer and producer surplus, externalities, public goods, multiplier effects, etc. will be utilized extensively in the analysis.

ECON 7221 - THE ECONOMICS OF CLIMATE CHANGE
The course provides an understanding of climate change issues, especially the economics of climate change. It provides the tools to assess the relative merits of various climate change policies that are increasingly being put forward by governments and other stakeholders. On completion of this course students should be able to describe and articulate some of the key issues relating to climate change and demonstrate a knowledge of what economics can offer to policies aimed at mitigating its effects. Students should understand the role of economic instruments in designing appropriate climate change policies, the role of the Kyoto Protocol and subsequent meetings, and the issues of climate change from developing country perspectives.

EDUC 1016/EDUC 2003 - ACADEMIC ENGLISH
Students undertaking this course will develop their skills in reading, writing and speaking English in an intensive study situation. They will read selected English academic texts (or extracts from them), learn skills for understanding these texts, and develop written and spoken responses to them. The course is appropriate for both students whose first language is not English and for native speakers of English. Students will develop transferable skills in critical thinking, research, the evaluation of secondary sources and the planning and drafting of academic assignments.

ENTREP 1011 - ENTREPRENEURSHIP FOUNDATIONS AND MINDSET
Want to learn new skills to cultivate a different mindset? How about transforming your approach to problem solving or opportunity recognition? Skills learnt in this course prepare you for creating your own entrepreneurial career path, being a valued corporate team member (intrapreneur), or to use your enterprising skills for working within government or the not-for-profit sector. You will understand the theoretical concepts behind the nature and importance of entrepreneurship, use a number of tools/frameworks/models to identify and assess opportunities, be creative in resourcing and marketing of a startup, and learn how critical customers, risk and ethics are in developing a potential new venture.

ENTREP 2010 - DIGITAL TECHNOLOGY ENTREPRENEURSHIP
ENTREP 7036 - DIGITAL ENTREPRENEURSHIP
Does starting a business on the internet or founding businesses using digital technologies interest you? This course will help you understand why digital technologies are at the forefront of online and digital entrepreneurship. More generally, you will also learn how to navigate career choices in light of new emerging digital tools that undermine traditional jobs. Course modules cover the changing nature of careers as a result of disruption, how to look for and create new products and innovation using the internet and digital technologies, how the internet impacts entrepreneurial competition including network effects and platform technologies, using the internet to find resources and team members to build a business, plus the role of growth and scaling. You will learn through a mix of useful assessment, strategy and theory, designed to help you become a digital entrepreneur utilising rapidly changing technology.

ENTREP 2051 - PROTOTYPING: POSSIBILITIES TO PRODUCT
ENTREP 7051 - 3D PRINT PROTOTYPING
You will be introduced to a basic overview of additive manufacturing technologies and the prototyping options available. You will acquire a firm grasp of modelling in 3D as well as providing the basis for the moral, ethical and legal arguments that currently face the 3D printing world. You will also explore the advances expected in the next five to ten years and the opportunities that await in the areas of bio printing.
ENTREP 3000 - INNOVATION AND CREATIVITY
This course explores both individual and group creativity, as well as the barrier to creativity and approaches to overcoming these. You will use numerous methods for generating or recognising ideas, and developing alternatives or possibilities to solve commercial or operational problems. This course provides processes to turn creativity into innovation that benefits the customer and the business venture, and to bring creativity and innovation across the organisation, to build an environment to support these activities. You will also learn how to develop creative scenarios for the future for the organisation.

ENTREP 3006/ENTREP 7037 - ENERGY MANAGEMENT, ECONOMICS & POLICY
You will develop an understanding of tangible ways to profitably reduce fossil fuel consumption and transition to clean and renewable energy with consideration of technical, economic, financing and policy aspects. You will be able to focus on energy management opportunities for specific industries, energy saving opportunities for a range of commonly used industrial processes and technologies, and explore the application of course material to real world situations. Delivery is via a very interactive industry style small group discovery model and provides you with valuable industry-ready knowledge and skills.

HIST 1107 - INDIGENOUS CULTURE & HISTORY
This course will introduce students to Indigenous culture and history. It will consider traditional Aboriginal Society practices and structures, including Indigenous religion and beliefs (kinships, lore and the Dreaming), and relationships to the land and environment. It will then introduce policies and events that have affected Aboriginal society since colonisation, including policies that led to the Stolen Generations, welfare and church practices, Protector practices, social policies of segregation, and policies of self-determination.

JAPN 1001 - JAPANESE IA
Japanese IA is designed for beginners with little or no previous knowledge of Japanese. This course is also ideal for those who wish to consolidate their basic knowledge of Kanji, vocabulary and grammar. The course offers instruction and practice in the four skills of reading, writing, listening and speaking, while introducing the basic grammar and vocabulary of modern Japanese as well as the basic writing system, hiragana, katakana and beginners kanji. In classes, emphasis will be placed on developing students' basic communication skills in both spoken and written Japanese to build a solid foundation at the beginner level. The aims of the course are: i) to enhance and consolidate the introductory grammar; ii) to expand knowledge and use of vocabulary in both conversational and written contexts; iii) to develop communication skills/strategies; iv) to become familiar with hiragana, katakana and basic kanji; v) to become efficient and independent language learners.

LAW 3539 - ADVANCED INTERNATIONAL LAW: INTERPRETATION IN INTERNATIONAL LAW
This course provides students with an understanding of the theory and practice of interpretation in international law. It is an advanced study of the interpretation of legal obligations, which forms the foundation for understanding international law. The interpretation and negotiation of international treaty law is also a highly practical skill. This course will consider interpretation from a variety of perspective of examining who in the international legal order has the authority to interpret and how choices are made. The emphasis is on practice and skills. The course will also consider the scholarly literature on interpretative theories. The practice of interpretation will also be examined drawing from different contexts such as Security Council resolutions, multilateral and bilateral treaties. Case studies will be undertaken for example; The international law governing Armed Drones, Fact Finding, The Right to Water and Sanitation, Transparency in Investor State Dispute Settlements in Free Trade Agreements, access to medicines and topical current case studies. The aim of the course is to provide students with a practical skills and a sound appreciation of interpretative issues in the international legal system.

Please note: This course requires Faculty approval and is only open to Law students.

LAW 7153 - PERSONAL PROPERTY SECURITY LAW
This course concerns the system for creation and enforcement of security interests over personal property, and as such falls within the areas of banking, commercial, corporate and/or finance law. The course will focus on the Personal Property Securities Act (Ch) 2009, which implemented a new National system for attachment and perfection of security interests, with an online registration system providing rules for notice and priorities. This legislation effected a sea-change in the approach to familiar concepts of common law and equity such as title and charges, and the traditional understanding of 'security', as well as the method, and effect, of enforcement of security. The course involves complex problem-solving and builds on students existing knowledge of commercial law. The course may cover the following topics and will be taught comparatively in some aspects, drawing on New Zealand and Canadian case law: (i) The history and policy of personal property security legislation (ii) The interaction of PPSA with other Federal and State commercial, property, and consumer law (iii) The concept and function of security (iv) Policy of registration (v) Validity of security agreements and the rights of the parties (vi) The impact of the PPSA on third parties (vii) PPSA and insolvency (viii) Priorities (ix) Default and enforcement The nature and mix of assessment tasks may vary from year to year according to the format in which the course is taught, and/or the teacher(s) involved.

Please note: This course requires Faculty approval and is only open to Law students.
OENOLOGY 3515WT / OENOLOGY 7515WT - THE AUSTRALIAN WINE INDUSTRY III: RISE OF AN ICON
The Australian wine industry is internationally renowned for the innovative approaches that have made it a leading instigator of many ‘best-practices across the entire wine value chain, from grape growing, wine making to consumer satisfaction. This course will introduce the Australian wine industry and provide a broad understanding of the principles and practices of grape and wine production, and the sensory evaluation of wine. Students will be introduced to topics such as grapevine structure and anatomy, the annual growth cycle, vineyard management and operation, making of table, sparkling, fortified and dessert wines, sensory evaluation of wines, regional wine styles, and basic flavour chemistry of grapes and wine; emphasising aspects distinctive to the Australian wine industry. The course will comprise lectures and practical sessions, including a full day visit to a South Australian wine region. The course is aimed at students with an interest in wine but does not require in-depth scientific knowledge. This course involves teaching sessions that may be attended by both Undergraduate and Postgraduate students. PLEASE NOTE: This course is taught at the Waite campus, which is located about 20-30 minutes by public transport from the city centre. PLEASE NOTE: This course requires Faculty approval.

POLIS 2012/POLIS 3113 - ENVIRONMENT AND CITIZENSHIP
Environmental citizenship is an idea whose time has come. Governments around the world are recognizing environmental rights, activists refer to our duties to the environment, corporations present themselves as good environmental citizens, children are taught to be mindful of their ecological footprint, the media tell us repeatedly to reduce, reuse and recycle, and scholars have begun to consider all this under a new field of study called environmental citizenship. This course explores the many ways in which environmental concerns are reshaping our understanding of citizenship as well as how the language of citizenship (e.g. rights and duties) is shaping environmental politics and policies. The course is structured into two parts. The first part introduces students to the concept and theories of citizenship, exploring the impact of environmental concerns on formulations of citizenship, both traditional ones (e.g. national, liberal and republican) and emerging ones (e.g. cosmopolitan, ecological and ecofeminist). This part also explores the making of green citizens and outlines the dominant articulations of environmental citizenship that emerge from formal education, news media and popular culture. The second part explores the practical manifestations of environmental citizenship, with specific attention to three major political actors: citizens, governments, and corporations. The content includes references to case studies from a wide range of countries, both from the Global North and the Global South. The course is designed to appeal to students interested in and concerned with issues of environmental sustainability, social justice and citizenship in the 21st century.

PROJMGNT 3043 - INFRASTRUCTURE & SUSTAINABILITY
The objective of the course is to develop an understanding of tangible ways to improve the economic, social, and environmental performance of urban infrastructure across the design, construction and operation phases. The course has been developed in partnership with the Infrastructure Sustainability Council of Australia (ISCA) and includes training on the use of the ‘IS Rating Tool? to allow pre-accreditation as an ‘Infrastructure Sustainability Accredited Professional’ (ISAP). The course is delivered in a very interactive industry style small group discovery model and provides students with valuable industry ready knowledge and skills.

PROJMGNT 5021 - PROJECT MANAGEMENT FUNDAMENTALS
This course introduces the context, rationale, strategy and tactics of project management from the perspectives of key stakeholders. The main model followed it is the international Project Management Body of Knowledge (PMBOK - US Based PMI), however comparisons are made with PRINCE2. Participants will be expected to relate the application of PMBOK directly to projects from their experience, and as a course assignment will be able to apply what they have learnt to an actual work place project. The context and learning of the course will prepare participants with competencies to operate in a range of industries and apply the project management skills to projects in a variety of industries, including engineering, information technology, consulting, production, procurement, maintenance, logistics and supply chain, defence, construction, and manufacturing. The focus on providing competence in core areas of stakeholder, scope, time, cost and quality management, and facilitating areas of risk, procurement, HR, integration, and communication management is to provide competence in participants to confidentially deal with the ever-growing challenges of modern-day project management. PMBOK will be applied in developing competence suitable for a range of industries.

PUB HLTH 3007 - NUTRITION: IDEOLOGY, INDIVIDUALS & INDUSTRY
Public health nutrition: ideology, individuals & industry aims to develop critical thinking around contemporary challenges to nutrition. It will extend ideas learned in Reflect, Research, Resolve: Questions in Health to challenges that are specific to the field of nutrition and improving the nutritional health of populations. This course will draw from case studies to understand higher-level influences on the nutritional health of a population. Attention will be paid to ‘upstream’ factors such as Big-Food, supermarkets, food advertising, as well as government action and policy such as fortification, taxes, regulation and law. Students will identify, evaluate and reflect on the advantages and disadvantages of different strategies for improving the nutritional health of the population.

Please note: This course requires Faculty approval.
PUB HLTH 3122 - INTERNATIONAL HEALTH
This course introduces students to the basic principles of international health, in order to give them a better understanding of the wider context of health systems and public health across various countries. The course provides an overview of health systems and public policy issues in low and middle-income countries, and covers concepts such as the transition during development, globalization and health, financing and organisation, as well as the role of the private sector, non-government-organisations and international organisations. The course is designed to provide a background for working with communities and organisations that are responsible for funding and/or providing health care and health promotion in developing and transition countries. There is a focus on the social determinants of health and global health equity. With the help of case studies, the course provides an understanding about the delivery of health care, public health and health promotion in disadvantaged communities. The lectures and case studies discussion highlights the role of communities, clients, community based organisations, public and private sector providers and funding agencies. Factors facilitating access, quality, cost and fairness of services and programs are discussed.

Please note: This course requires Faculty approval.

SCIENCE 3200/ SCIENCE 7020 - COMMUNICATING SCIENCE
Overview of science communication in the 21st century; Science writing: structuring articles and reports, writing effectively for both specialist and non-specialist audiences; Use of oral presentations and displays to communicate science; Use of emerging online social media in science communication.

Please note: This course requires Faculty approval.

SOIL&WAT 3004WT - ENVIRONMENTAL TOXICOLOGY AND REMEDIATION III
The goals of this course are to provide students with an understanding of the monitoring, fate and risk assessment of contaminants in environmental and biological systems. Classes of contaminants discussed include heavy metals, pesticides, and other water-, soil- and food-borne toxicants. The properties of contaminants which influence their environmental distribution and transformations and the characteristics of the environment which influence contaminant toxicity to organisms are discussed. Students are introduced to the principles of toxicology necessary for an understanding of the environmental consequences of contaminants.

Please note: This course is taught at the Waite campus, which is located about 20-30 minutes by public transport from the city centre.

Please note: This course requires Faculty approval.

SPATIAL 3020WT/ SPATIAL 7030WT - GIS FOR AGRICULTURE & NATURAL RESOURCE
This course involves teaching sessions that may be attended by both Undergraduate and Postgraduate students. Geographic information systems have become an important tool far beyond the geographic disciplines. Applications in the agricultural sciences and natural resource management range from basic research on environmental sustainability to farm management and regional product marketing. This course gives an overview of the history and the rapid recent development of this technology and gives examples of commercially available state-of-the-art tools. Hands on computer exercises teach generic GIS skills of data capture, processing and presentation of results. Special practical exercises emphasize precision agriculture and management of spatial variability in agricultural production systems. Students will learn what information can be derived from space and airborne remote sensing for land management and how remotely sensed imagery can be combined with other sources of information in order to efficiently manage land, increase production and reduce costs and consider environmental benefits.

Please note: This course is taught at the Waite campus, which is located about 20-30 minutes by public transport from the city centre.

Please note: This course requires Faculty approval.