UNSW
SYDNEY | Australia's Global University

Tailored Terms
Courses Booklet

Tailored Term 1 (January Term + Term 1)

24 UNSW Credits (30 ECTS)
Move-in Date: 2 January
Orientation: 7 January
Classes Start: 7 January
January Class/Exam End: 9 February
Welcome: 14 February

Term 1

18 UNSW Credits (22.5 ECTS)
Move-in Date: 7 February
Orientation & Welcome: 14 February
Classes Start: 18 February
Exam End: 18 May

Tailored Term 3 (August Term + Term 3)

24 UNSW Credits (30 ECTS)
Move-in Date: TBC
Orientation: 15 August
Classes Start: 19 August
August Class/Exam End: 13 September
Welcome: 12 September

Term 3

18 UNSW Credits (22.5 ECTS)
Move-in Date: 5 September
Orientation & Welcome: 12 September
Classes Start: 16 September
Exam End: 14 December

Art & Design

January Courses

CREATIVE EXPERIMENTATION

Course code: ADAD2406
Start date: 7 January 2019

Discover the full potential of your own creativity by experimenting with art, design and digital media practices. In this intensive course, you will learn how to apply these principles of experimentation in your own area of study and you will extend your knowledge, research and technical skills through discussion, reflective practice and concept development.

You will work with peers from a wide range of backgrounds such as design, science, medicine, creative arts, engineering, architecture and mathematics to develop practice-led research within the areas of emerging technologies. You will be guided in generating random data based on a physical location that you will visualise in different creative mediums. The result will be a body of work that demonstrates your experimental process, resulting in a range of innovative, unexpected creative outputs. This course will broaden your existing knowledge and skills, and develop a framework for experimentation that is current, innovative, personally meaningful and professionally relevant.

DRAWING

Course code: SART1502
Start date: 7 January 2019

This course will enable you to develop a command of drawing as a visual arts discipline and to relate the art of drawing to other areas of creative practice. You will explore various aspects of drawing, and develop competence and confidence in drawing. Class exercises will emphasise drawing as a means of creative expression and also as a tool of research in the visual arts.

PAINTING

Course code: SART1501
Start date: 7 January 2019

Develop your skills and an intuitive awareness of aesthetic values in painting so you can use the discipline of painting as a means of individual artistic expression. In this course, you will explore theoretical concepts and develop relevant skills as a basis for making paintings. Projects are aimed at encouraging an individual, creative and professional approach to painting.

VIDEO ART

Course code: SART1641
Start date: 7 January 2019

This course provides a thorough introduction to digital video production as well as an understanding of the genres and forms of video art within contemporary art practice and wider media practice. You will gain an awareness of the nature and variety of experiences in the television area, learn about the specific qualities and potential of the video and electronic media. You will also acquire the technical, intellectual and creative skills necessary for the creation of original video work.

August Courses

CONTEXTS FOR ART

Course code: DART1340
Start date: 19 August 2019

This course focuses on showcasing art exhibitions, galleries and museums in the Sydney area. It also describes Australian art practice and exposes students to the wider art culture beyond the institution – connecting theory to contextual examples.

You'll learn about Sydney's art and cultural scene in this enriching course which offers a unique context for current and historical art practices. Guided and individual visits will expose you to the different types of contemporary art exhibited in Sydney – whether in public and dealer galleries, festivals, contemporary art spaces, artist-run initiatives, community centres or non-art spaces such as shopping centres. Designed to reflect the diversity of both art and the institutions through which it is viewed, this course is structured around an examination of works in situ. You will be encouraged to engage with works in relation to specific contexts, to consider issues of taste and value, and how these are mediated by place and modes of display.

AUSTRALIAN DESIGN HISTORY

Course code: DDES1290
Start Date: 19 August 2019

Engage in discussion and analysis of current design works, processes, trends and exhibitions around Sydney, in the content of the history of design and prominent designers in Australia. You will develop your understanding, critical and aesthetic awareness of the historical, cultural and philosophical stances that underpin a variety of Australian design objects and images.

Visits to design museums, exhibitions and cultural events will expose you to contemporary design practice in Australia, and Sydney in particular. This will be integrated with the historical angle of the course, bringing contemporary practice together with long-standing Australian design processes.

The course explores pivotal periods of Australian design history – from the beginnings of a culture of local unskilled and skilled artisans, through to the 21st-century notion of a professional, sustainable designer practice. Australian design history is contextualised by both local concerns about aesthetics, function, production and consumption, as well as the wider influences of significant international movements and trends.

Through an extensive study of Australian design history, various designers' work will be critically analysed, considering its cultural, aesthetic and practical worth to society and culture over time. You will develop research, writing and presentation skills through individual and group tasks. You will have the opportunity to critique your own role as a participant in 21st-century consumer culture, as well as consider the influence Australian design history could have on your role as a designer.

Built Environment

January Courses

DESIGN STUDIO EXPLORATIONS: SYDNEY'S BIG URBAN CHALLENGES

Course code: BEIL6010
Start date: 14 January 2019

Sydney is an exciting city to study urban development and design. Its growing population and rapid urban growth present many challenges to its urban design and building fabric. The city's urban, spatial and economic layers, its social orders and visual characteristics are consequences of these specific cultural, political and economic realities.

This course is structured as a multidisciplinary design studio set around real-life urban and architectural issues. It considers Sydney as a site of inquiry, experimentation and collaboration. You will explore large-scale urban issues and challenges to offer design solutions to pressing concerns of urbanisation, housing affordability and social inequality. Through intensive design workshops, lectures and site visits, you will engage directly with the site, the city and professional and community stakeholders. The interplay between the site experimentation provides a full circle of experiential learning (experience, reflection, conceptualisation and experimentation).

INTEGRATED BUILDING DESIGN CASE STUDIES: SYDNEY OPERA HOUSE

Course code: BEIL6009
Start date: 7 January 2019

This course focuses on integrated building services, construction materials, architectural science and building data management within one of Australia's key public buildings and landmarks – the Sydney Opera House. Selected for its outstanding architecture and its sustainability, the Opera House provides an excellent education context for both local and international students to explore the social, political and ideological issues associated with the building, as well as the extraordinary technical and architectural achievements.

High-performance architecture depends on interdisciplinary collaboration to meet and exceed aesthetic, social, economic and environmental performance standards. Building professionals as well as communities of users and interested parties need to work together and communicate effectively to meet requirements. This course builds on the Faculty's expertise and knowledge of history and design history of the Opera House. Exploration of the visual, technological and textual resources is complemented by site visits – working in groups, you will visit the building and undertake an immersive analysis, including contact with project participants. The focus on a case study allows you to build on an active engagement with and direct experience of space and form.

August Courses

INTEGRATED BUILDING DESIGN CASE STUDIES: SYDNEY OPERA HOUSE

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Business
January Courses

BUSINESS FINANCE

Course code: FINS1613
Start date: 7 January 2019

Using case studies and examples from real-life Australian corporate practices, you will gain insight into the Australian financial system. This first level corporate finance course looks at the different ways companies can be structured and the different types of ownership. You will be introduced to the principles and applications of financial mathematics used to value securities and investment decisions. You will also study portfolio theory, which will provide a foundation for determining the relationship between expected risk and returns in financial and real asset investments. Dividend payouts and the choices between debt and equity financing, including methods of determining the cost of capital, are also covered.

Case studies highlight the importance and relevance of financial management to the realisation of personal and corporate financial objectives. Examples include personal financial planning, funds management, capital raisings, portfolio selection of financial securities, private equity, public floats and the pricing of assets in the stock market.

BUSINESS NEGOTIATIONS

Course code: MGMT3721
Start date: 7 January 2019

Gain insight into an Australian business perspective to negotiations as well as a set of general concepts and skills for negotiation and resolving interpersonal and inter-group conflicts. You will work with the theory, skills and processes of negotiation relevant to a wide range of contexts, such as commercial, organisational, community, political and public policy, legal and industrial relations.

Business Negotiations provides an analytical understanding of negotiations, including negotiation planning, strategy and tactics, as well as the development of the practical skills necessary for implementation of this knowledge. You will gain these practical skills through participation in negotiation seminars made up of role-play exercises which develop in complexity as the course progresses.

GLOBAL BUSINESS ENVIRONMENT

Course code: MGMT1101
Start Date: 7 January 2019

In this course, Australian business practices, culture and ethical issues will be compared and contrasted to international businesses. You will gain insight into how key global environmental factors impact the development of international business. Major topics include: globalisation of business; national differences in the political, social and legal environment, and political and country risk; cultural differences and their impact on international business; ethical issues in international business; international trade issues; theory and politics of foreign direct investment; international competitiveness; the internationalisation of business activities and the development of multinational enterprises; foreign exchange markets; the international monetary system and development of the global capital market.

You will produce memos for a theoretical 'boss' in response to a global business 'issue' and will participate in a group presentation.

MANAGING ORGANISATIONS AND PEOPLE

Course code: MGMT1001
Start date: 7 January 2019

This course focuses on Australian business practices as they relate to managing organisations and people. It will introduce you to the knowledge and skills required to manage organisations and people in a global economy, based on contemporary research and practice. The course provides strong foundations for the development of future organisational leaders and managers who will be able to respond successfully to complex and turbulent environments, promote and sustain competitive advantage, ensure ethical and social responsibility in business practice and decision-making, and manage changing social, political and technological factors both inside and outside the organisation, in increasingly global and diverse workplaces.

You will learn through adaptive reading, will complete a professional development portfolio, submit a video and participate in a Gamulation. Topics include: the role of organisations in modern societies, sustainability and corporate social responsibility, the importance of organisational leadership, power and networks, sources of conflict, problem-solving, group motivation and behaviour, and professional skills.

MARKETING FUNDAMENTALS

Course code: MARK1012
Start date: 7 January 2019

Learn about marketing in an Australian context as you explore the major concepts and theories, reflecting the breadth and diversity of marketing. You will gain insight into where marketing fits within an organisation, its contributions to business in general, the frameworks that support marketing activities and the challenges in an ever-changing marketplace. You will then apply this understanding to consumer goods, as well as service, business-to-business, industrial and non-profit organisations, and e-commerce.

This is a 'hands-on' course based on an Australian textbook. Face-to-face classes are a combination of class and case discussions, class exercises and guest visits. Topics include: marketing processes and planning, the use of market research, an understanding of consumers and customers, decision-making and the marketing mix, market segmentation, positioning and product differentiation, and the changing global environment.

SOCIAL ENTREPRENEURSHIP PRACTICUM

Course code: COMM3030
Start date: 7 January 2019

During this Social Entrepreneurship practicum, you will live in a community of need in Australia and work on a team project. The UNSW Business School in collaboration with the Social Impact Hub offers students an opportunity to put their business skills and knowledge to use in planning and implementing a real project in a field of social impact such as social enterprise development, impact investing, impact measurement, philanthropy or human rights. You will attend the Social Impact Hub and work with a social enterprise or not-for-profit organisation and gain valuable practical experience while making a positive difference.

This is an experiential, intensive course offered in summer and winter, where you will gain experience in developing and/or assisting to implement a social business plan within the community of need. While living within this community, you will work as part of a team on a specified project to make a tangible contribution to this particular community.

Business
August Courses

CREATING SOCIAL CHANGE: FROM INNOVATION TO IMPACT

Course code: COMM1000

Start date: 19 August 2019

Explore Australian trends in creating social change though a range of case studies and experts in business, government and social purpose organisations who have initiated social change with success.

Do you believe in a fairer, more equitable society? Would you like to be a part of finding solutions that mean better future for your country? Whether your career lies in business, not-for-profit, social enterprise or government, in this course you will discover how you can meaningfully contribute to creating better social outcomes.

Using context from real and complex social issues that policy makers, industry leaders and social service providers grapple with, you will explore models for system change, social innovation, cross-sectoral collaboration and more. You will gain a broad understanding of social systems, and the keys to initiating and sustaining positive social change in a world full of competing priorities. You will also learn to communicate your understanding of social sustainability to future employers.

This course is highly interactive and discussion oriented. It is a 'flipped' learning and teaching approach, where you read and research independently, and use group times for discussion and interactive learning.

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ENTREPRENEURIAL LANDSCAPE

Course code: COMM1040

Start date: 19 August 2019

Sydney's startup ecosystem is a key driver of the ideas economy, fuelling job creation, innovation and economic growth. The city has an estimated 1300 to 2100 active tech startups which have benefitted from government incentives, gangbuster exits and, as a consequence, a new wave of growth.

UNSW Sydney produces more technology entrepreneurs than any other Australian university and is uniquely positioned to deliver this groundbreaking course. This course provides exposure to the fundamentals of entrepreneurship and the practical aspects of identifying, evaluating and moving business ideas forward in complex global ecosystems. It inspires students to think critically about how entrepreneurs identify opportunities, harness resources, create innovative business models, attract capital and solve real-world challenges. It addresses key contemporary topics in entrepreneurship such as lean startup, design thinking and their application in any field — from business and design to healthcare and product development.

You will explore the rise of Sydney as one of the world's emerging entrepreneurial cities through experiential learning. The course combines theory and practice and makes extensive use of case studies explored through field trips into the Sydney startup ecosystem, real-time AR/VR simulations, guest speakers, readings and video cases.

Engineering
January Courses

ARTIFICIAL INTELLIGENCE

Course code: COMP3411

Start date: 7 January 2019

This course covers the principles of machine intelligence, such as knowledge representation, automated reasoning and machine learning, as well as philosophical and psychological issues. You will explore the associated tools, including AI programming languages, control methods, search strategies and pattern matching, and will undertake logic programming assignments in the lab. You will also look at AI applications such as computer vision, speech recognition, natural language processing, expert systems, game playing and computer-aided learning.

COMPUTER NETWORKS AND APPLICATIONS

Course code: COMP3331

Start date: 7 January 2019

This Course will provide insight into how computer networks are developed and how they can be used. You will develop both theoretical knowledge and practical skills that you will be able to apply to other fields of engineering.

Topics of investigation include: networking technology overview; protocol design and validation using the finite state automata in conjunction with time lines; overview of the IEEE802 network data link protocol standards; addressing at the data link and network layers; network layer services; introduction to routing algorithms such as Distance Vector and Link State; congestion control mechanisms; the Internet Protocol Suite overview; the Internet protocols IPv4 and IPv6; addressing resolution using ARP and RARP; the transport layer – issues, transport protocols TCP and UDP; application level protocols such as File Transfer Protocol (FTP), Domain Name System (DNS) and Simple Mail Transfer Protocol (SMTP); and introduction to fundamental network security concepts, 802.11 wireless networks and peer to peer networks. There is a substantial network programming component in the assessable material.

ENGINEERING MECHANICS

Course code: MMAN1300

Start date: 7 January 2019

This is the foundation engineering science course for all five plans in the School of Mechanical and Manufacturing Engineering. Content includes: revision of vectors, resultants and components, and moments; the free body diagram; equilibrium of planar rigid objects; equilibrium of systems of co-planar multi-force members and planar trusses; friction; mass centre, centroids and distributed forces; internal forces in beams; introduction to three-dimensional statics; plane particle kinematics including curvilinear and relative motion; plane particle kinetics including equation of motion, work-energy-power, friction, impulse momentum and impact; kinetics of systems of particles; introduction to plane kinematics of rigid bodies, types of rigid body motion (translation, rotation about a fixed axis); mass moment of inertia, parallel axis theorem and moment of inertia for various shapes.

FINITE ELEMENT METHODS

Course code: MMAN4410

Start date: 7 January 2019

In this course, you will learn to analyse real-world structural mechanics problems using the finite element method. You will be introduced to the mathematical basis of finite element analysis, on which nearly all structural analysis software is built. You will learn how to apply finite element software to solve real-world engineering problems.

The course caters to the specific challenges of engineers across mechanical disciplines, including Aerospace, Manufacturing, Mechanical and Mechatronic, and is an ideal choice for students wanting to extend their structural analysis skills.

FLUID MECHANICS

Course code: MMAN2600

Start date: 7 January 2019

In this course, you will be introduced to the terminology, principles and methods used in engineering fluid mechanics through topics including: fluid properties, momentum analysis, turbulent flow in pipes, friction factor, skin friction and drag, pumps and turbines, and pump and pipeline system characteristics, among others.

HUMAN COMPUTER INTERACTION

Course code: COMP3511

Start date: 7 January 2019

Human Computer Interaction (HCI) is an introduction to use-system interactions, both analysis and design. The approach of this course is cognitive, focusing on matching user goals with computer technologies. Topics include: the human information processing system, models of interaction, and strategies for and process of design and evaluation. There is a focus on project work in this course.

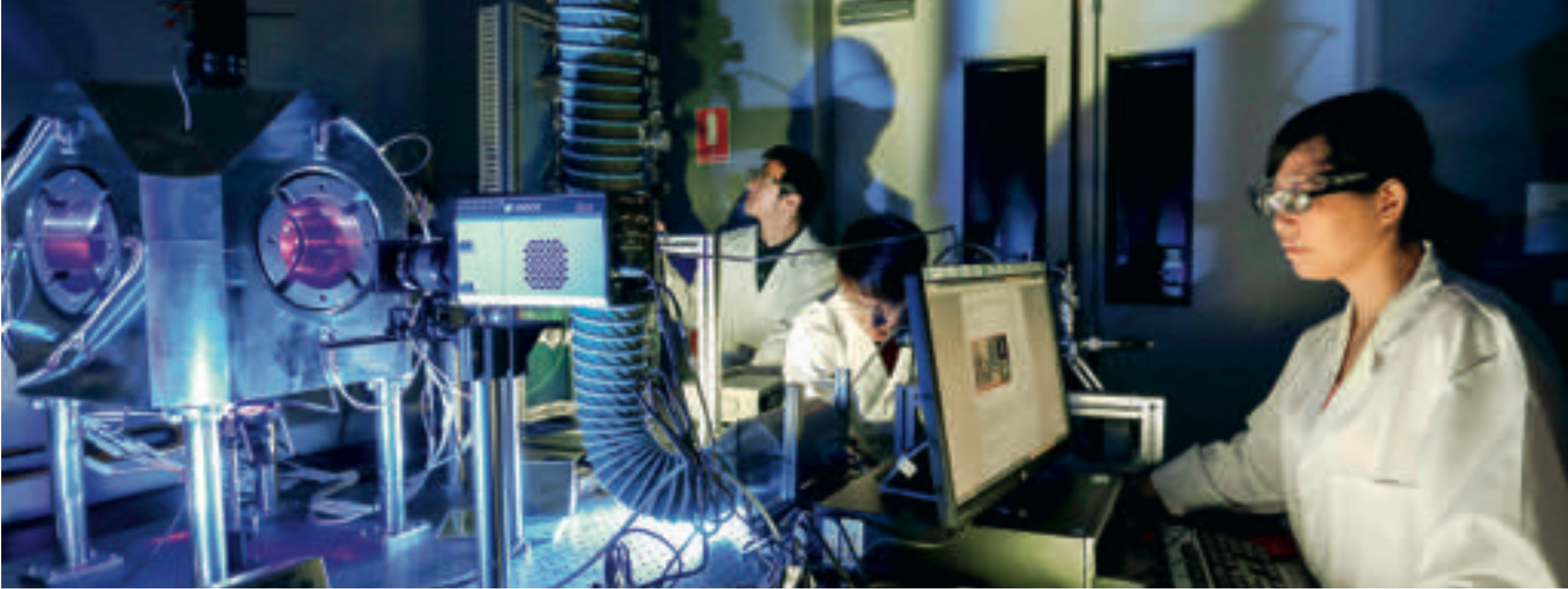### ETHICS AND LEADERSHIP IN ENGINEERING

Course code: GSOE9510

Start date: 7 January 2019

This course is designed to enhance your ability to consider problems from multiple perspectives and make decisions associated with uncertain, inconsistent and imprecisely defined requirements, as is often the case when people are involved. These skills are learned in the context of engineering but apply equally to other aspects of life.

Topics include: theories of leadership, leadership of teams, organisational behaviour, strategic planning, uncertainty and risk, the interaction of laws with engineering projects and innovations, the role of engineering in society, assessment of innovation in processes and products, engineering ethics principles and practice, an introduction to ethical systems, the application of ethical frameworks to engineering practice, particularly to electrical engineering and computing, codes of ethics in the profession, and social, political, environmental and economic considerations.

Engineering

August Courses

ENGINEERING SYDNEY

Course code: TBA

Start date: 19 August 2019

Notes: This course is still in development yet to be approved.

Using iconic structures around Sydney like the Opera House and the Harbour Bridge, Engineering Sydney will give student engineers and non-engineers the opportunity to observe, critically analyse and reflect on engineering practice. Students will gain an insight into how significant examples of engineering have evolved and have impacted society, in Sydney and globally. Problems addressed include construction, transportation, urban redevelopment and environmental engineering. The focus will be on how these problems have been solved in a Sydney/Australian context, and how the solutions compare in a global context. Students will explore both technical and non-technical aspects such as ethical issues, societal considerations, budgeting, risk analysis and mitigation, change management, human and other resourcing, and whether the projects have global significance.

Delivery of the course is blended, with a suite of online material (videos, lectures) as well as face-to-face content including guided site visits to the various significant engineering projects in Sydney. The learning mode involves cross-disciplinary and multidisciplinary teamwork, online and mobile learning, and cultural immersion. Assessment is through non-exam-based forms, including individual and group reports, and presentations, aligning with the learning modes and course outcomes, and enhancing graduates' capabilities.

PROJECT MANAGEMENT LEADERSHIP

Course code: ENGG1200

Start date: 19 August 2019

Field trips to Australian businesses, industry networking events and site visits to research centres like the Water Research Centre will complement your theoretical studies in this course with experiential learning. It also has a focus on teams in student-led projects and leadership within engineering projects.

Project Management Leadership is a growing requirement for engineering students and will teach you how to identify opportunities, challenge assumptions, inspire others, unlock potential and modify when necessary to build high-performing teams.

Topics include creative problem-solving, managing change and supporting a team through change, conflict resolution within a team, entrepreneurship within teams, collaborative project management and the importance of strategic partnerships, managing up, down and sideways, the importance of communication and providing context when managing a team, presentation and public speaking skills, learning how to manage and motivate team members and build a happy work environment, and understanding and self-awareness of diversity in the workplace and unconscious bias. This course will be offered through ENGG1200 Undergraduate Special Projects.

AUTOMOTIVE ENGINEERING

Course code: ENGG3002

Start date: 19 August 2019

This course provides students with a detailed understanding of the technical design factors and technology used in different vehicles.

Throughout the course, students learn about the engineering science underpinning vehicle design and the resultant advantages and disadvantages associated with various mobility technologies. A series of structured tutorials assists students to further develop their understanding relating to key areas of automotive design, vehicle handling, track vehicle steering and suspension design. Students will explore automotive engineering in practice through a field trip and be exposed to UNSW's Sunswift and Redback racing teams.

Automotive Engineering is designed to provide students with a working level understanding of the fundamental engineering science and technology used in the design of modern vehicles.

Arts & Social Sciences

January Courses

PRESENTATION SKILLS

Course code: HUMS1006
Start date: 21 January 2019
Note: Classes start 21 January

Speaking with confidence, telling a story, pitching a concept, engaging an audience and sharing ideas are essential skills for making your mark in the world. In this engaging course, you will learn presentation skills and communication techniques used by influential leaders, compelling storytellers and effective presenters. You will study examples of great storytelling by actors, motivational speeches by powerful communicators and public speaking in professional practice.

Practical workshops will introduce you to techniques of audience awareness, physical presence and vocal projection. By following examples and rehearsing in class, you will develop the confidence to present your ideas in an authentic voice and communicate your message with clarity and conviction. On completing the course, you will be able to describe, discuss and evaluate how presenters communicate in a range of genres and contexts. You will also be able to plan, rehearse and deliver an engaging presentation for an audience, and respond constructively to presentations given by others.

DOING FILM FESTIVALS: BONDI BEACH FLICKERFEST

Course code: ARTS3069
Start date: 7 January 2019

Running alongside the legendary Flickerfest Short Film Festival, the only Academy-accredited short-film festival in Australia, this course combines an introduction to a shared film festival experience and the production of a short film at Bondi Beach. Students engage intensively in the Festival's 10-day program, volunteering at screenings and events, participating in industry masterclasses and collaborating with the special-guest directors, actors and other creative professionals. After two days of immersive workshops, students pitch their concepts and then collaborate to write, shoot and cut their live-action films or documentaries set around the iconic beach.

As well as structured festival attendance, you will examine the major movements, production trends and scholarly debates in the films you view and discuss them with your colleagues in review sessions in the evenings. You will learn how producing a film in a specific context may pose ethical and philosophical questions around the relationship between filmmakers, the community and audiences. You will develop skills in working with the community and your peers, and gain valuable experience in writing and pitching a short-film script. You will also develop your production skills by undertaking a range of film-crew experiences at a high level with professional equipment across a number of projects.

Arts & Social Sciences

August Courses

WHAT IS READING?

Course code: ARTS2XXX
Start date: 19 August 2019

This course is taught within the context of the Australian English degree. You will read a selection of Australian literary and critical texts and also examine selected Australian artworks.

You will explore the act of reading, both as the foundational practice of literary studies and as the object of critical study with a long intellectual history. Addressing questions of how and why we read, you will investigate how this practice – which we so often take for granted – has been conceptualised by writers and theorists such as Plato, Ranciere and Stewart.

As a higher level reflection on the theory, practice and history of reading, this course is intrinsically experiential and is designed with active learning principles in mind, with group activities including workshops, recitation and the application of theoretical principles to practical examples. Through intensive performance of literary and cultural close readings, you will find yourself opening up to wider questions on the ethics and politics of reading, the role of paradigm-shifting technologies such as the internet, as well to creative speculations on the reading futures of the Humanities.

SEEING AUSTRALIA/READING AUSTRALIA

Course code: ARTS3030
Start date: 19 August 2019

This course examines the way Australia has been represented over the last two centuries in literature and visual art. Australian literary and visual works, including art, theatre and cinema, will form the core 'reading' and 'seeing' activities. UNSW Sydney's location makes it easy to participate in critical experiences at art galleries, libraries, theatres, bookshops, museums, publishers and sites of literary tourism.

Questions about Australian biases in representation and the production of mythologies of Australian national identity through literary and visual representation are at the heart of this course. It gives both local and international students the opportunity to think about their assumptions and perceptions about the nature and scope of the idea of Australia through literary and artistic representation in the colonial and post-colonial period. Moving between the classroom and the field, you will discuss, test, reflect, read and collaborate to produce a project.

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As well as structured festival attendance, you will examine the major movements, production trends and scholarly debates in the films you view, and discuss them with your colleagues in review sessions in the evenings. You will learn how producing a film in a specific context may pose ethical and philosophical questions around the relationship between filmmakers, the community and audiences. You will develop skills in working with the community and your peers, and gain valuable experience in writing and pitching a short film script. You will also develop your production skills by undertaking a range of film crew experiences at a high level with professional equipment across a number of projects.

Nura Gili
Indigenous Studies

January &
August Courses

INDIGENOUS AUSTRALIA

Course code: ATSI1011

Start date: 7 January 2019

Aboriginal peoples have lived on the mainland of Australia for at least 60,000 years and are widely considered to be the oldest continuous cultures on Earth. This course focuses on how Indigenous Australians are using both ancient and modern knowledge to secure their future as unique peoples in a globalised world. You will have the chance to take a local Aboriginal cultural tour, try bush food picked from the plants, engage with Indigenous pop culture and apply your learning to real-life examples.

In this course, you will gain an understanding of the diversity of Aboriginal and Torres Strait Islander cultures, peoples and societies. It focuses on the ways the philosophical frameworks of Indigenous knowledge systems continue to inform contemporary Indigenous practice that continues to shape Indigenous identities today. Taught from a range of perspectives, you will develop an understanding of social, cultural, political, economic and ecological aspects of Indigenous knowledge, which are key foundational elements to the Indigenous Studies major.

This course is highly experiential and will introduce you to vibrant examples of Indigenous culture and knowledge. It features guest lectures from local Indigenous experts and community members.

ABORIGINAL SYDNEY

Course code: ATSI1012

Start date: 19 August 2019

This course includes self-guided walks in the Sydney area and actively encourages students to explore key sites to develop a deeper understanding of the history and continued presence of Aboriginal people and culture in the city. Visiting Circular Quay, Botany Bay and Redfern, you will develop an awareness of the visible and invisible histories of important places in Aboriginal Sydney, considering the political, cultural, artistic, environmental and social aspects.

Aboriginal Sydney provides a critical introduction to the cityscape and encourages you to examine the relations between identity, memory and place against the broader context of colonial history and ongoing Aboriginal sovereignty and survival. You will be guided outside the classroom to explore cultural sites, public art and local history, and to develop new skills in place-specific research.

Activities include a public art and monument walk, and the development of a shared photo gallery based on your experiences around Sydney. Assessment includes research and design of a public plaque providing an Aboriginal-centred account of the significance of a selected site.

INDIGENOUS CULTURAL HERITAGE AND THE ENVIRONMENT

Course code: ATSI3003

Start Date: TBA

Notes: This is not an August course, but can be taken as a 4th course in Term3. Classes include 3 seminars in weeks 4-6 (details to be confirmed) followed by a 3 day field trip to learn from the Indigenous community at Wreck Bay.

This course explores Indigenous perspectives on the management of country, waterways, culture and heritage in Australia and includes a three-day field trip to an Aboriginal community on the south coast of NSW.

By exploring intersections between Cultural Heritage Management practices, the environment, Indigenous knowledge and the contemporary space, you will gain an insight into best-practice models for Cultural Heritage Management and associated practices of sustainability and maintenance of Australia's rich cultural heritage and the environment.

Note that there is an additional cost for the field trip.

Law

January &
August Courses

THE AUSTRALIAN LEGAL SYSTEM IN COMPARATIVE PERSPECTIVE

Course code: LAWS3368, JURD7468, LAWS8168

Start date: 8 January and 19 August 2019

Gain an understanding of foundational principles and doctrines in the Australian legal system, as well as the most contentious contemporary legal debates. Australian legal issues will be presented in comparative perspectives, enabling you to draw on your experiences of international and foreign law.

Medicine

January Courses

EVOLUTION OF HUMAN STRUCTURE

Course code: ANAT2521

Start date: 8 January 2019

This course focuses on topics in primatology, palaeoanthropology and physical anthropology that are particularly relevant to the evolution of human structure. It includes a combination of lectures, tutorials and practical classes. Topics range from 'The Origin and Early Evolution of Primates' to 'Modern Homo sapiens in the Old World' to 'Language, Speech and the Human Face'. Biology, anatomy and evolution of primates, early hominins through to modern humans will be covered.

You will also participate in a practical anthropology activity that may include facial reconstruction of human ancestors and making models of ancient tools.

INSIDE THE CRIMINAL MIND

Course code: SOMS1501

Start date: 7 January 2019

Serial killers, psychopaths, violent and sexual offenders receive significant attention in the media, creating a particular fascination for people. They also consume significant resources in terms of their policing, prosecution, treatment and punishment.

This foundation course will provide participants with unique insights into the psychopathology of this high-profile offender group. Taking a lifecycle approach, it examines the antecedents of offending, genetic influences, and the detection, prosecution, treatment and punishment of this group. Real-case examples will be used to illustrate offender groups, such as Fred West, Jeffrey Dahmer, Peter Sutcliffe, Ted Bundy, Dr Harold Shipman, Ivan Milat and Michael Bryant.

Inside the Criminal Mind is aimed at those with a general interest in the forensic area who may wish to pursue a professional career or research in this field. This course complements existing offerings at UNSW, such as undergraduate courses in medicine, psychology, social work, criminology and law, as well as postgraduate courses in forensic mental health, forensic psychology, criminology and the law. It is taught in an intensive mode by some of Australia's leading forensic psychiatrists, clinicians and researchers from the forensic mental health services, police, corrective services, law and forensic medicine.

Science
January Courses

AN INTRODUCTION TO THE SYDNEY ENVIRONMENT

Course code: BEES6601

Start date: 7 January 2019

This course is an introduction to Sydney's physical, biological and social environment and includes a field visit to La Perouse Aboriginal community and bushland. Topics include the geophysical environment, the Indigenous people of Sydney, the natural and biological hazards of Sydney and the development of Sydney into a global city.

You will gain a deeper insight into your new surroundings. Every class begins with questions about your experiences in Sydney and in the preceding week. A recurring theme is: how does Sydney compare to the place that you are from?

AVIATION AND SUSTAINABLE TOURISM/SUSTAINABLE TOURISM IN REGIONAL AUSTRALIA

Course code: AVIA/SCIF3900

Start date: 7 January 2019

Note: Field trip is between 29 January - 2nd February 2019 with additional costs. Online course modules commence 7th January.

A field excursion to Lady Elliot Island at the Great Barrier Reef will help you develop an inter-disciplinary understanding of transport – environment – tourism relations at the iconic site. This course is an introduction to the concepts and tools necessary for addressing the emerging challenges in the aviation-environment-tourism nexus. The field-based learning emphasises teamwork as well as independent observational and enquiry skills using the remote eco-resort as a context.

Broadly, topics include issues at the interface of aviation and transport logistics, tourism research methods and sustainable destination management. You will be required to apply the learning from the excursion to understand the sustainable destination management challenges in a wide array of Australian and global tourism destinations. Note that there are additional costs associated with the field trip, including return airfare to Lady Elliot Island, accommodation and food.

ENVIRONMENTAL SYSTEMS, PROCESSES AND ISSUES

Course code: GEOS1701

Start date: 7 January 2019

Note: Requires Saturday field trips

This course has a very strong focus on Australian environments, environmental processes and environmental issues and, in some cases, Australia is placed into a larger context using global processes.

Are you interested in the natural environment and how humans interact with it? Exploring how different environmental processes influence atmospheric, physical and biosphere systems is crucial for understanding many environmental issues and is essential knowledge for careers in environmental science and related fields.

In hands-on labs, you will get your hands dirty (for example doing soil profile descriptions) and you will go on at least one field trip during this course.

THE MARINE ENVIRONMENT

Course code: MSCI0501

Start date: 7 January 2019

With a strong focus on Australian marine environments, this course covers aspects of both the physical and biological environments of the sea and their inter-relationships. It depicts marine science as a body of knowledge and a process of continual enquiry and testing of ideas. You will consider human impacts on the marine environments, and how the principles and methods of science in general are used to predict and to solve the problems created by human activities.

The course includes discussion of the marine environment, its physical, geological, chemical and biological characteristics and their interactions, and the sea as a source of human food. It explores aspects of marine productivity, fisheries and mariculture and how science can assist in management for a sustainable yield. You will also examine the effect of development, especially industrial development on the marine environment and how science can contribute to providing solutions.

There is a strong focus on case studies, and field excursions supplement lectures and encourage further discussion.

Science
August Courses

AN INTRODUCTION TO THE SYDNEY ENVIRONMENT

Course code: BEES6601

Start date: 19 August 2019

This course is an introduction to Sydney's physical, biological and social environment and includes a field visit to La Perouse Aboriginal community and bushland. Topics include the geophysical environment, the Indigenous people of Sydney, the natural and biological hazards of Sydney, and its development into a global city.

You will gain a deeper insight into your new surroundings. Every class begins with questions about your experiences in Sydney and in the preceding week. A recurring theme is: how does Sydney compare to the place you are from?

There may be costs associated with the field visits.

EVOLUTION AND THE MODERN WORLD

Course code: BIOS2500

Start date: 19 August 2019

Evolution shaped the living world, from the flu virus to millions-strong colonies of leaf-cutter ants, and from simple sessile invertebrates to conscious and highly cultural humans. This course includes a number of Australian examples and a field trip as well as hands-on labs.

Darwin's insight that evolution happens by natural selection remains, in the words of philosopher Daniel Dennett, "the most important idea anybody ever had". Unfortunately, only a small proportion of people ever gain more than a superficial understanding of natural selection and how evolution works. And that can be problematic given the important insights evolution provides into the most difficult and persistent problems that plague 21st-century living, including antibiotic resistance, obesity, overpopulation, income inequality, gender inequity and the ideological warfare that surrounds sex and family life.

This course will introduce you to the power of evolutionary thinking, and how to use it responsibly to understand modern life and the controversial issues it raises. You will also explore the relationships between evolutionary, social, cultural and economic processes.

ENVIRONMENTAL SYSTEMS, PROCESSES AND ISSUES

Course code: GEOS1701

Start date: 19 August 2019

This course has a very strong focus on Australian environments, environmental processes and environmental issues and, in some cases, Australia is placed into a larger context using global processes.

Are you interested in the natural environment and how humans interact with it? Exploring how different environmental processes influence atmospheric, physical and biosphere systems is crucial for understanding many environmental issues and is essential knowledge for careers in environmental science and related fields. In hands-on labs, you will get your hands dirty (for example doing soil profile descriptions) and you will go on at least one field trip during this course.

THE MARINE ENVIRONMENT

Course code: MSCI0501

Start date: 19 August 2019

With a strong focus on Australian marine environments, this course covers aspects of both the physical and biological environments of the sea and their inter-relationships. It depicts marine science as a body of knowledge and a process of continual enquiry and testing of ideas. You will consider human impacts on the marine environments, and how the principles and methods of science in general are used to predict and to solve the problems created by human activities.

This course includes discussion of the marine environment, its physical, geological, chemical and biological characteristics and their interactions, and the sea as a source of human food. It explores aspects of marine productivity, fisheries and mariculture and how science can assist in management for a sustainable yield. You will also examine the effect of development, especially industrial development on the marine environment and how science can contribute to providing solutions. As well as a hands-on experiential component, there are online activities and field visits.