

Faculty/College	Faculty of Business, Law and Arts
Unit Code	ACCT1001
Unit Title	Financial Literacy for Business
SCU Award Category	Undergraduate
Level of Study	Level 1: UGRD Foundational Coursework
Unit Type	UG Coursework Unit
Credit Points	12
Grading Basis	Graded
Field of Education	(080101) Accounting
Pre-requisites	
Co-requisites	
Anti-requisites	
Enrolment Information	
Enrolment Restriction	

Aim

Introduces financial literacy concepts, principles and techniques relevant to business. This unit focuses on providing the basic financial literacy knowledge and skills to enable students to appreciate how accounting and finance is used for decision making in organisations.

Unit learning outcomes

On completion of this unit, students should be able to:

1. review financial statements of the business, such as the balance sheet, income statement, and cash flow statement
2. apply ratio analysis to interpret a company's financial statements
3. discuss and apply budgeting, performance measurement, cost-volume-profit analysis and capital investment techniques to make business decisions
4. distinguish and compare alternative sources of financing for business.

Modules

Module 1: Introduction to accounting and The Balance Sheet

Module 2: The Income Statement and Cash Flow Statement

Module 3: Analysis of financial statements

Module 4: Budgeting and performance measurement

Module 5: Cost-Volume-Profit analysis

Module 6: Capital Investment and Financing the business

Teaching Methods

Notional student workload

Scheduled hours per study period	Personal hours per study period	Total hours per study period
18	132	150

Work Integrated Learning

Work Experience Type	Hours Per Week	Number of Weeks	Total Hours
N/A			

Rationale

N/A

Teaching Methods

Teaching method	Delivery mode	Duration	Frequency
<i>Lismore, Gold Coast, Coffs Harbour, PNG - IBSU, Brisbane, Melbourne, Sydney, PERTH</i>			
Workshop	Online	1 hour	Weekly
Tutorial	On-campus	2 hours	Weekly
<i>Online</i>			
Workshop	Online	1 hour	Weekly
Tutorial	Online	2 hours	Weekly
<i>China - TUST</i>			
Residential	On-campus	-	-

Assessment

Overview

N	Type	Academic Integrity	Group/Individual	Length/duration	Weighting	Grading indicator	Week due	Learning outcomes	Cognitive Complexity
<i>Lismore, Gold Coast, Coffs Harbour, Online, PNG - IBSU, Brisbane, Melbourne, Sydney, PERTH</i>									
1	Case study	Applies real life situations/scenarios,Authentic questions,Written responses Turnitin	INDIV	1500 words	50	Graded	4	1,2	2. Application/Analysis
2	Case study	Applies real life situations/scenarios,Authentic questions,Written responses Turnitin	INDIV	1500 words	50	Graded	7	3,4	2. Application/Analysis
<i>China - TUST</i>									
1	Case study	Applies real life situations/scenarios,Authentic questions,Written responses Turnitin	INDIV	1500 words	50	Graded	8	1,2	2. Application/Analysis
2	Case study	Applies real life situations/scenarios,Authentic questions,Written responses Turnitin	INDIV	1500 words	50	Graded	12	3,4	2. Application/Analysis

Additional assessment requirements

N/A

Prescribed learning resources

Textbooks

Nil

Online resources

Nil

Equipment, protective clothing and tools

Nil

Faculty/College	Faculty of Business, Law and Arts
Unit Code	ACCT2007
Unit Title	Finance for Business
SCU Award Category	Undergraduate
Level of Study	Level 2: UGRD Discipline-Building Coursework
Unit Type	UG Coursework Unit
Credit Points	12
Grading Basis	Graded
Field of Education	(080101) Accounting
Pre-requisites	
Co-requisites	
Anti-requisites	
Enrolment Information	
Enrolment Restriction	

Aim

Covers concepts, principles and tools of business finance and business financial management. It develops students' knowledge and skills in analysing, evaluating and making business decisions related to capital investment appraisal, financing alternatives, capital structure and dividend policies. The unit also provides an overview of the business's financial environment, risk and return trade-offs and time value of money applications.

Unit learning outcomes

On completion of this unit, students should be able to:

1. explain how businesses make financial decisions and the nature of the broader financial environment in which they operate
2. apply the techniques of financial mathematics to aid in financial management decision-making
3. analyse and appraise capital investments
4. compare and evaluate alternative financing sources, capital structures and dividend policies.

Modules

Module 1: Finance for Business – An Introduction

Module 2: The Time Value of Money

Module 3: Capital Investment Decisions I

Module 4: Capital Investment Decisions II

Module 5: Financing and Capital Structure Policy

Module 6: Distribution Policy

Teaching Methods

Notional student workload

Scheduled hours per study period	Personal hours per study period	Total hours per study period
18	132	150

Work Integrated Learning

Work Experience Type	Hours Per Week	Number of Weeks	Total Hours
N/A			

Rationale

N/A

Teaching Methods

Teaching method	Delivery mode	Duration	Frequency
<i>Gold Coast, PNG - IBSU, Brisbane, Melbourne, Sydney, Sri Lanka, PERTH</i>			
Workshop	Online	1 hour	Weekly
Tutorial	On-campus	2 hours	Weekly
<i>Online</i>			
Workshop	Online	1 hour	Weekly
Tutorial	Online	2 hours	Weekly
<i>China - TUST, China - DU</i>			
Residential	On-campus	–	–

Assessment

Overview

N	Type	Academic Integrity	Group/Individual	Length/duration	Weighting	Grading indicator	Week due	Learning outcomes	Cognitive Complexity
<i>Gold Coast, Online, PNG - IBSU, Brisbane, Melbourne, Sydney, Sri Lanka, PERTH</i>									
1	Case study	Applies real life situations/scenarios, Assessment task is reviewed/updated before each delivery, Authentic questions, Individualised, Written responses Turnitin	INDIV	6 pages (maximum)	50	Grade d	5	1,2,3	2. Application/Analysis
2	Case study	Applies real life situations/scenarios, Assessment task is reviewed/updated before each delivery, Authentic questions, Individualised, Written responses Turnitin	INDIV	6 pages (maximum)	50	Grade d	7	3,4	2. Application/Analysis
<i>China - TUST, China - DU</i>									
1	Case study	Applies real life situations/scenarios, Assessment task is reviewed/updated before each delivery, Authentic	INDIV	6 pages (maximum)	50	Grade d	11	1,2,3	2. Application/Analysis

N o	Typ e	Academic Integrity	Group/Indivi dual	Length/dura tion	Weighti ng	Gradin g indicat or	Wee k due	Learnin g outcom es	Cognitive Complexity
		questions,Individualised, Written responses Turnitin							
2	Cas e stud y	Applies real life situations/scenarios,Asses sment task is reviewed/updated before each delivery,Authentic questions,Individualised, Written responses Turnitin	INDIV	6 pages (maximum)	50	Grade d	14	3,4	2. Application/Ana lysis

Additional assessment requirements

N/A

Prescribed learning resources

Textbooks

Rekker, S, 2024, Introduction to Financial Management: A Contemporary Approach, The University of Queensland, Australia, 978-1-74272-386-0 (e-Book); <https://doi.org/10.14264/4325b20> (Digital Object Identifier)

Online resources

Students need access to a computer with a webcam and reliable internet connection.

Equipment, protective clothing and tools

A non-programmable calculator with financial and statistical routines is recommended. At the very least, a non-programmable calculator with a power raising key and a square root key and MS Excel will be required.

Faculty/College	Faculty of Science and Engineering
Unit Code	BIOL1005
Unit Title	Cells and Molecules
SCU Award Category	Undergraduate
Level of Study	Level 1: UGRD Foundational Coursework
Unit Type	UG Coursework Unit
Credit Points	12
Grading Basis	Graded
Field of Education	(010901) Biochemistry and Cell Biology
Pre-requisites	
Co-requisites	
Anti-requisites	BIOL1007 Foundational Cell Biology
Enrolment Information	There will be a 2-day compulsory residential for online students that will be held on the Lismore campus. Please refer to https://www.scu.edu.au/timetables for further information on timetables.
Enrolment Restriction	

Aim

Provides an introduction to the molecular evolution of life on earth, cell structure and function, physio-chemical cellular responses, elementary genetics, as well as practical techniques required to demonstrate biological processes. Initiates the development of competence in scientific report writing.

Unit learning outcomes

On completion of this unit, students should be able to:

1. describe the structure of cells and key biological molecules
2. analyse and interpret key biological processes in various contexts
3. describe the diversity of microbial life and its important role in natural and anthropogenic systems
4. demonstrate competence in practical skills and scientific report writing individually or in team settings

Modules

1. Evolution of life and criteria for living organisms
2. Molecular basis of life
3. Cell structure and theory of endosymbiosis
4. Cellular processes
5. Cell replication, mutation and evolution
6. Microbial diversity and roles in ecosystems

Teaching Methods

Notional student workload

Scheduled hours per study period	Personal hours per study period	Total hours per study period
18	132	150

Work Integrated Learning

Work Experience Type	Hours Per Week	Number of Weeks	Total Hours
N/A			

Rationale

N/A

Teaching Methods

Teaching method	Delivery mode	Duration	Frequency
<i>Online</i>			
Residential	On-campus	2 days	Once
Workshop	Online	1 hour	Weekly
<i>Lismore, National Marine Science Centre Coffs Harbour, Gold Coast</i>			
Practical	On-campus	2 hours	Weekly
Workshop	Online	1 hour	Weekly

Assessment

Overview

N	Type	Academic Integrity	Group/Individual	Length/duration	Weighting	Grading indicator	Week due	Learning outcomes	Cognitive Complexity
<i>Online, Lismore, National Marine Science Centre Coffs Harbour, Gold Coast</i>									
1	Debrief	Reflective component, Time limits, Use randomised question	INDIV	30 minutes	10	Grade d	3	1,4	3. Synthesis/Evaluation
2	Report	Applies real life situations/scenarios, Based on personal experience, Written responses Turnitin	GROUP	1500 words	40	Grade d	6	2,4	2. Application/Analysis
3	Portfolio	Time limits, Use randomised question	INDIV	1000 words	50	Grade d	7	1,2,3,4	1. Knowledge/Comprehension

Additional assessment requirements

Online students will be required to attend a compulsory residential session to receive a pass mark for the unit.

Prescribed learning resources

Textbooks

Nil

Online resources

Nil

Equipment, protective clothing and tools

Nil

Faculty/College	Faculty of Health
Unit Code	BIOL2007
Unit Title	Biochemistry
SCU Award Category	Undergraduate
Level of Study	Level 2: UGRD Discipline-Building Coursework
Unit Type	UG Coursework Unit
Credit Points	12
Grading Basis	Graded
Field of Education	(010901) Biochemistry and Cell Biology
Pre-requisites	
Co-requisites	
Anti-requisites	
Enrolment Information	
Enrolment Restriction	

Aim

Provides an overview of general biochemistry to enable students to understand the role of chemical reactions in biological systems. Covers basic biochemical organisation and processes of the body, bioenergetics, selected metabolic pathways, and methods of separation and characterisation of molecules of biological interest.

Unit learning outcomes

On completion of this unit, students should be able to:

1. explain the role of enzymes and co-enzymes in carbohydrate, lipid and protein metabolism
2. identify structure and function of carbohydrates, lipids and proteins as linked to their biochemical pathways
3. examine metabolism and regulation of integrated biochemical pathways
4. perform experiments, interpret data and explain the link between theory and the experimental process.

Modules

1. Chemical reactions and coenzymes, Functional groups and Carbohydrate structure
2. Enzymes and enzymatic reactions
3. Carbohydrate function and metabolism
4. Lipid structure, function and metabolism
5. Protein structure, function and metabolism
6. Integrated metabolic pathways

Teaching Methods

Notional student workload

Scheduled hours per study period	Personal hours per study period	Total hours per study period
30	120	150

Work Integrated Learning

Work Experience Type	Hours Per Week	Number of Weeks	Total Hours
N/A			

Rationale

N/A

Teaching Methods

Teaching method	Delivery mode	Duration	Frequency
<i>Gold Coast, Lismore</i>			
Tutorial	Online	2 hours	Weekly
Laboratory	On-campus	3 hours	Weekly
<i>Online</i>			
Tutorial	Online	2 hours	Weekly
Laboratory	On-campus	18 hours	Across the Term

Assessment

Overview

No	Type	Academic Integrity	Group/Individual	Length/duration	Weighting	Grading indicator	Week due	Learning outcomes	Cognitive Complexity
<i>Gold Coast, Lismore, Online</i>									
1	Portfolio		INDIV	1000 words + diagrams	40	Graded	3	1,2,4	
2	Portfolio		INDIV	1500 words + diagrams	60	Graded	6	2,3,4	

Additional assessment requirements

1. To pass the unit: Students must attempt and submit all assessment tasks and obtain at least 50% of the overall assessment marks for the unit.
2. Attendance: We recognise the relationship between attendance, participation, student success and retention. Any engagement opportunity missed, regardless of the reason, can decrease the opportunity for learning. It is expected that students will attend and participate in all scheduled classes and activities for this unit. In the event of a missed session, it is the student's responsibility to catch up on content.

Prescribed learning resources

Textbooks

Nil

Online resources

Nil

Equipment, protective clothing and tools

The following items must be purchased and students must wear them at each laboratory class:

- White lab coat
- Shoes – Sturdy shoes that fully cover heels, toes, sides, and upper surface of the feet. If you are unsure of appropriate footwear please see further information on the Lab Safety video available on the Blackboard site or you can check with Lab technical staff at your campus.
- Safety glasses – Safety glasses must be worn when performing experiments that involve the use of chemicals or bodily fluids. If you wear prescription glasses, you must purchase safety glasses that fit over your prescription glasses.

Students will need a scientific calculator, a **workbook** for collecting their experimental data, and graph paper to report experimental results where appropriate (alternatively, graphs may be generated using Excel).

Notes/instructions for laboratory classes will be provided on MySCU. Gloves are provided and recommended for use during laboratory activities. Students who do not meet the OH&S requirements will not be admitted to the laboratory.

Faculty/College	Faculty of Science and Engineering
Unit Code	BIOL2011
Unit Title	Ecology
SCU Award Category	Undergraduate
Level of Study	Level 2: UGRD Discipline-Building Coursework
Unit Type	UG Coursework Unit
Credit Points	12
Grading Basis	Graded
Field of Education	(050101) Agricultural Science
Pre-requisites	
Co-requisites	
Anti-requisites	
Enrolment Information	There will be a 2-day compulsory residential available for all students. Students can attend the Lismore campus or the National Marine Science Centre at Coffs Harbour. Please refer to http://www.scu.edu.au/timetables for further information.
Enrolment Restriction	

Aim

Introduces ecological principles in the context of productive agricultural, forest, terrestrial, and marine systems. Important ecological and landscape processes of energy flow, nutrient and water cycles, and community dynamics are examined. Students will compare natural and managed ecosystems.

Unit learning outcomes

On completion of this unit, students should be able to:

1. explain and understand key ecological concepts
2. assess and describe interactions between organisms and their environment
3. critically evaluate the structure and function of natural and managed ecosystems
4. demonstrate skills and knowledge in the collection and use of field ecological data.

Modules

Module 1. Foundational concepts in ecology

Module 2. Ecological interactions and networks

Module 3. Population and community ecology

Module 4. Biodiversity and ecological resilience

Module 5. Landscape to biosphere ecology

Module 6. Ecology for conservation and management

Teaching Methods

Notional student workload

Scheduled hours per study period	Personal hours per study period	Total hours per study period
18	132	150

Work Integrated Learning

Work Experience Type	Hours Per Week	Number of Weeks	Total Hours
N/A			

Rationale

N/A

Teaching Methods

Teaching method	Delivery mode	Duration	Frequency
<i>Online, National Marine Science Centre Coffs Harbour, Lismore</i>			
Workshop	Online	1 hour	Weekly
Residential	On-campus	2 days	Once

Assessment

Overview

N o	Typ e	Acade mic Integrit y	Group/Individual	Length/dura tion	Weighti ng	Gradin g indicat or	We ek due	Learnin g outco mes	Cognitive Complexity	
Online, National Marine Science Centre Coffs Harbour, Lismore										
1	Practical		Applies real life situations/scenarios,Authentic questions	INDI V	500-750 words	40	Grade d	4	1,2,3	2. Application/An alysis
2	Portfolio		Assessment task is reviewed/updated before each delivery,Reflective component,Written responses Turnitin	INDI V	Compilation	60	Grade d	7	1,2,3,4	3. Synthesis/Evalu ation

Additional assessment requirements

N/A

Prescribed learning resources

Textbooks

Nil

Online resources

Nil

Equipment, protective clothing and tools

Nil

Faculty/College	Faculty of Business, Law and Arts
Unit Code	BUSN1008
Unit Title	Business Practice and Impact
SCU Award Category	Undergraduate
Level of Study	Level 1: UGRD Foundational Coursework
Unit Type	UG Coursework Unit
Credit Points	12
Grading Basis	Graded
Field of Education	(080301) Business Management
Pre-requisites	
Co-requisites	
Anti-requisites	
Enrolment Information	
Enrolment Restriction	

Aim

Introduces management theory and the changing role of business in society. Through various experiential activities, students will develop an applied understanding of business practice and sustainability, including the United Nations' Sustainable Development Goals (SDGs). The unit also develops students' professional identity and communication and collaboration skills.

Unit learning outcomes

On completion of this unit, students should be able to:

1. describe the role that various stakeholders play in business
2. identify and explain the impact of business sustainability on the wider community
3. reflect on differing cultural perspectives and practices and the value of diversity across various business contexts.

Modules

Module 1: Self – understanding your role in business

Module 2: Team – working with others for impactful outcomes

Module 3: Organisation – structures, goals and ways of doing business

Module 4: Industry ecosystems – the interconnected nature of business activity

Module 5: Community – business practice and impacts at a local level

Module 6: World – business practice and impacts around the globe

Teaching Methods

Notional student workload

Scheduled hours per study period	Personal hours per study period	Total hours per study period
18	132	150

Work Integrated Learning

Work Experience Type	Hours Per Week	Number of Weeks	Total Hours
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N/A

Rationale

N/A

Teaching Methods

Teaching method	Delivery mode	Duration	Frequency
<i>Gold Coast, Lismore, Brisbane, Melbourne, Sydney, PERTH</i>			
Workshop	Online	1 hour	Weekly
Tutorial	On-campus	2 hours	Weekly
<i>Online</i>			
Workshop	Online	1 hour	Weekly
Tutorial	Online	2 hours	Weekly
<i>PNG - IBSU</i>			
Workshop	On-campus	1 hour	Weekly
Tutorial	On-campus	2 hours	Weekly

Assessment

Overview

N o	Type	Academic Integrity	Group/Individual	Length/duration	Weighting	Grading indicator	Week due	Learning outcomes	Cognitive Complexity
<i>Gold Coast, Lismore, Online, PNG - IBSU, Brisbane, Melbourne, Sydney, PERTH</i>									
1	Case study	Applies real life situations/scenarios ,Based on personal experience,Written responses Turnitin	INDIV	500 words	20	Grade d	3	1	1. Knowledge/Comprehension
2	Presentation	Applies real life situations/scenarios ,Based on personal experience	GROUP	10 mins	30	Grade d	5	2	2. Application/Analysis
3	Reflective writing	Based on personal experience,Reflective component,Written responses Turnitin	INDIV	1500 words	50	Grade d	7	2,3	3. Synthesis/Evaluation

Additional assessment requirements

N/A

Prescribed learning resources

Textbooks

Nil

Online resources

Nil

Equipment, protective clothing and tools

Nil

Faculty/College	Faculty of Business, Law and Arts
Unit Code	BUSN2001
Unit Title	Professional Development for the Workplace
SCU Award Category	Undergraduate
Level of Study	Level 2: UGRD Discipline-Building Coursework
Unit Type	UG Coursework Unit
Credit Points	12
Grading Basis	Graded
Field of Education	(080399) Business and Management not elsewhere classified
Pre-requisites	
Co-requisites	
Anti-requisites	SPRT3001 Work Integrated Learning in Exercise Science OR HOSP1001 Building your Brand and Employability OR ERTN2004 Career Development and Professional Practice
Enrolment Information	
Enrolment Restriction	

Aim

Develops professional skills necessary for gaining employment in a student's chosen field. Includes goal setting, job search skills, résumé writing, interview skills, insights into organisational behaviour and practical approaches to dealing with common workplace issues. A key component of this unit is the development of a personalised Professional Development Plan.

Unit learning outcomes

On completion of this unit, students should be able to:

1. evaluate key theoretical and practical issues relating to career planning and development
2. analyse the nature, scope, breadth and variety of employment opportunities and career paths in relevant industry sectors
3. construct a portfolio that effectively meets the professional requirements of the employment selection process
4. evaluate the personal possession of key skills and competencies appropriate to the workplace context

Modules

Module 1: Career planning and development

Module 2: Professional preparation for the workforce

Module 3: Self-awareness: underpinning career success

Module 4: Opportunity awareness: understanding the world of work

Module 5: Organisational behaviour and common workplace issues

Module 6: Experiential learning for internship and/or graduate positions

Teaching Methods

Notional student workload

Scheduled hours per study period	Personal hours per study period	Total hours per study period
18	132	150

Work Integrated Learning

Work Experience Type	Hours Per Week	Number of Weeks	Total Hours
N/A			

Rationale

N/A

Teaching Methods

Teaching method	Delivery mode	Duration	Frequency
<i>Gold Coast, Lismore, Brisbane, Melbourne, Sydney, Sri Lanka, PERTH</i>			
Workshop	Online	1 hour	Weekly
Tutorial	On-campus	2 hours	Weekly
<i>Online</i>			
Workshop	Online	1 hour	Weekly
Tutorial	Online	2 hours	Weekly
<i>PNG - IBSU</i>			
Workshop	On-campus	1 hour	Weekly
Tutorial	On-campus	2 hours	Weekly
<i>China - DU</i>			
Residential	On-campus	–	–

Assessment

Overview

N o	Type	Academic Integrity	Group/Individual	Length/duration	Weighting	Grading indicator	Week due	Learning outcomes	Cognitive Complexity
<i>Gold Coast, Online, Lismore, PNG - IBSU, Brisbane, Melbourne, Sydney, Sri Lanka, PERTH</i>									
1	Portfolio	Applies real life situations/scenarios, Assessment task is reviewed/updated before each delivery, Based on personal experience, Individualised	INDIV	2000 words +1-2 minute video	40	Graded	3	1,3,4	2. Application/Analysis
2	Report	Assessment task is reviewed/updated before each delivery, Based on personal experience, Individualised, Reflective component, Written responses Turnitin	INDIV	3000 words	60	Graded	7	1,2,4	3. Synthesis/Evaluation
<i>China - DU</i>									

N o	Type	Academic Integrity	Group/Individual	Length/duration	Weighting	Grading indicator	Week due	Learning outcomes	Cognitive Complexity
1	Portfolio	Applies real life situations/scenarios, Assessment task is reviewed/updated before each delivery, Based on personal experience, Individualised	INDIV	2000 words +1-2 minute video	40	Graded	6	1,3,4	2. Application/Analysis
2	Report	Assessment task is reviewed/updated before each delivery, Based on personal experience, Individualised, Reflective component, Written responses Turnitin	INDIV	3000 words	60	Graded	14	1,2,4	3. Synthesis/Evaluation

Additional assessment requirements

N/A

Prescribed learning resources

Textbooks

Nil

Online resources

Nil

Equipment, protective clothing and tools

Nil

Faculty/College	Faculty of Business, Law and Arts
Unit Code	BUSN2003
Unit Title	Intrapreneurship
SCU Award Category	Undergraduate
Level of Study	Level 2: UGRD Discipline-Building Coursework
Unit Type	UG Coursework Unit
Credit Points	12
Grading Basis	Graded
Field of Education	(080301) Business Management
Pre-requisites	
Co-requisites	
Anti-requisites	
Enrolment Information	
Enrolment Restriction	

Aim

Explores the role of intrapreneurship within organisations including the motivations, systems and cultures that support those roles. Students will understand the challenges faced by intrapreneurs in driving innovation within established organisations and how they can overcome them. Tools will be used to support the application of concepts that help deliver successful execution.

Unit learning outcomes

On completion of this unit, students should be able to:

1. describe and critically evaluate the complex and interconnected challenges that large established organisations have in promoting intrapreneurship and innovation
2. examine strategies that can be utilised to overcome the barriers to intrapreneurship
3. apply various innovation tools and techniques that can facilitate intrapreneurship.

Modules

Module 1: What is Intrapreneurship and why is it important?

Module 2: Challenges of being an intrapreneur – Customers and problem-solving

Module 3: Developing Customer Solutions - Ideation and Prototyping

Module 4: Challenges of being an intrapreneur – Resources and effective business casing

Module 5: Challenges of being an intrapreneur – People

Module 6: Challenges of being an intrapreneur – Technology and Processes

Teaching Methods

Notional student workload

Scheduled hours per study period	Personal hours per study period	Total hours per study period
18	132	150

Work Integrated Learning

Work Experience Type	Hours Per Week	Number of Weeks	Total Hours
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N/A

Rationale

N/A

Teaching Methods

Teaching method	Delivery mode	Duration	Frequency
<i>Gold Coast, PNG - IBSU, Lismore, Brisbane, Melbourne, Sydney, PERTH</i>			
Workshop	Online	1 hour	Weekly
Tutorial	On-campus	2 hours	Weekly
<i>Online</i>			
Workshop	Online	1 hour	Weekly
Tutorial	Online	2 hours	Weekly

Assessment

Overview

N o	Type	Academic Integrity	Group/Individual	Length/duration	Weighting	Grading indicator	Week due	Learning outcomes	Cognitive Complexity
<i>Gold Coast, Online, PNG - IBSU, Lismore, Brisbane, Melbourne, Sydney, PERTH</i>									
1	Presentation	Applies real life situations/scenarios, Assessment task is reviewed/updated before each delivery, Authentic questions, Individualised, Time limits	GROUP	18 minutes (±10%)	50	Graded	4	2,3	2. Application/Analysis
2	Report	Applies real life situations/scenarios, Assessment task is reviewed/updated before each delivery, Authentic questions, Individualised, Written responses Turnitin	INDIV	2000 words (±10%)	50	Graded	6	1,2,3	2. Application/Analysis

Additional assessment requirements

N/A

Prescribed learning resources

Textbooks

Nil

Online resources

Nil

Equipment, protective clothing and tools

Nil

Faculty/College	Faculty of Business, Law and Arts
Unit Code	BUSN2009
Unit Title	The Founder's Journey
SCU Award Category	Undergraduate
Level of Study	Level 2: UGRD Discipline-Building Coursework
Unit Type	UG Coursework Unit
Credit Points	12
Grading Basis	Graded
Field of Education	(080301) Business Management
Pre-requisites	
Co-requisites	
Anti-requisites	
Enrolment Information	
Enrolment Restriction	

Aim

Critically analyses the role of the founder from business startup to maturity. Students explore the evolution of the startup process and build their entrepreneurial knowledge across various contexts of leadership, building teams, managing external stakeholders, executing strategy and financing.

Unit learning outcomes

On completion of this unit, students should be able to:

1. identify the traits, behaviours and competencies necessary to become a successful business founder
2. evaluate current capabilities and deficiencies in skills to effectively navigate the entrepreneurial journey
3. examine the differing leadership and communication proficiencies required to navigate through the venture development stages individually and/or in groups
4. relate the importance of stakeholders to entrepreneurial ventures.

Modules

Module 1: Understanding Entrepreneurs

Module 2: The Founder's dilemma

Module 3: Moving from 'me' to 'we'

Module 4: The importance of managing stakeholders

Module 5: Letting go

Module 6: Pains and Gains of the Founder's journey

Teaching Methods

Notional student workload

Scheduled hours per study period	Personal hours per study period	Total hours per study period
18	132	150

Work Integrated Learning

Work Experience Type	Hours Per Week	Number of Weeks	Total Hours
N/A			

Rationale

N/A

Teaching Methods

Teaching method	Delivery mode	Duration	Frequency
<i>Gold Coast, Lismore, PNG - IBSU, Brisbane, Melbourne, Sydney, PERTH</i>			
Workshop	Online	1 hour	Weekly
Tutorial	On-campus	2 hours	Weekly
<i>Online</i>			
Workshop	Online	1 hour	Weekly
Tutorial	Online	2 hours	Weekly

Assessment

Overview

N	Type	Academic Integrity	Group/Individual	Length/duration	Weighting	Grading indicator	Weeks due	Learning outcomes	Cognitive Complexity
<i>Gold Coast, Online, Lismore, PNG - IBSU, Brisbane, Melbourne, Sydney, PERTH</i>									
1	Report	Applies real life situations/scenarios, Assessment task is reviewed/updated before each delivery, Authentic questions, Individualised, Written responses Turnitin	INDIV	1500 words	30	Graded	2	1,2	1. Knowledge/Comprehension
2	Presentation	Applies real life situations/scenarios, Assessment task is reviewed/updated before each delivery, Authentic questions, Individualised, Time limits	GROUP	15-20 minutes	30	Graded	4	3,4	2. Application/Analysis
3	Presentation	Applies real life situations/scenarios, Assessment task is reviewed/updated before each delivery, Authentic questions, Individualised, Time limits	INDIV	12 minutes	40	Graded	6	1,2,3,4	2. Application/Analysis

Additional assessment requirements

N/A

Prescribed learning resources

Textbooks

Nil

Online resources

Nil

Equipment, protective clothing and tools

Nil

Faculty/College	Faculty of Business, Law and Arts
Unit Code	BUSN3004
Unit Title	International Business
SCU Award Category	Undergraduate
Level of Study	Level 3: UGRD Integrated Coursework
Unit Type	UG Coursework Unit
Credit Points	12
Grading Basis	Graded
Field of Education	(080311) International Business
Pre-requisites	
Co-requisites	
Anti-requisites	
Enrolment Information	
Enrolment Restriction	

Aim

Introduces the contemporary global business environment, specifically, the opportunities and challenges international business managers need to navigate on a daily basis. This unit provides the knowledge and skills required to assess the ever-changing global business landscape, identify new markets, select the most appropriate market entry mode, and design sound international, marketing, and staffing strategies to compete, survive and grow international businesses in the twenty-first century.

Unit learning outcomes

On completion of this unit, students should be able to:

1. summarise the global business environment and the risks it involves
2. assess the ethical challenges and social responsibility of global businesses
3. analyse global opportunities and identify the markets with the greatest potential
4. recommend strategies for global businesses to navigate complex business environments.

Modules

Module 1: The global business environment

Module 2: Regional economic integration and government intervention

Module 3: Culture, ethics and social responsibility

Module 4: Country risks and emerging markets

Module 5: Assessing market opportunities and entry strategies

Module 6: Global marketing and human resource strategies

Teaching Methods

Notional student workload

Scheduled hours per study period	Personal hours per study period	Total hours per study period
18	132	150

Work Integrated Learning

Work Experience Type	Hours Per Week	Number of Weeks	Total Hours
N/A			

Rationale

N/A

Teaching Methods

Teaching method	Delivery mode	Duration	Frequency
<i>Online</i>			
Workshop	Online	1 hour	Weekly
Tutorial	Online	2 hours	Weekly
<i>Gold Coast, PNG - IBSU, Brisbane, Melbourne, Sydney, PERTH</i>			
Workshop	Online	1 hour	Weekly
Tutorial	On-campus	2 hours	Weekly
<i>China - TUST</i>			
Residential	On-campus	-	-

Assessment

Overview

N o	Type	Academic Integrity	Group/Individual	Length/duration	Weighting	Grading indicator	Week due	Learning outcomes	Cognitive Complexity
<i>Online, Gold Coast, PNG - IBSU, Brisbane, Melbourne, Sydney, PERTH</i>									
1	Short written response	Applies real life situations/scenarios, Authentic questions, Written responses Turnitin	INDIV	1200 words	40	Graded	4	1,2	2. Application/Analysis
2	Case study	Applies real life situations/scenarios, Authentic questions, Written responses Turnitin	INDIV	1500 words	60	Graded	6	3,4	2. Application/Analysis
<i>China - TUST</i>									
1	Short written response	Applies real life situations/scenarios, Authentic questions, Written responses Turnitin	INDIV	1200 words	40	Graded	8	1,2	2. Application/Analysis
2	Case study	Applies real life situations/scenarios, Authentic questions, Written responses Turnitin	INDIV	1500 words	60	Graded	12	3,4	2. Application/Analysis

Additional assessment requirements

N/A

Prescribed learning resources

Textbooks

Nil

Online resources

Nil

Equipment, protective clothing and tools

Nil

Faculty/College	Faculty of Business, Law and Arts
Unit Code	BUSN3011
Unit Title	New Venture Creation
SCU Award Category	Undergraduate
Level of Study	Level 3: UGRD Integrated Coursework
Unit Type	UG Coursework Unit
Credit Points	12
Grading Basis	Graded
Field of Education	(080301) Business Management
Pre-requisites	
Co-requisites	
Anti-requisites	
Enrolment Information	
Enrolment Restriction	

Aim

Provides students with the insights and skills entrepreneurs require to create new ventures. Introduces the process of identifying new business opportunities and informs how to select a suitable business model, protect key intellectual properties, and adopt an effective organisational structure. The unit concludes with strategies to sustain growth and options to harvest new ventures.

Unit learning outcomes

On completion of this unit, students should be able to:

1. assess and identify opportunities for new venture creation
2. develop a business model suitable for new ventures
3. identify intellectual properties of strategic importance to new ventures and ways of protecting them
4. recommend organisational structures and strategies to manage new ventures' growth and harvest options.

Modules

Module 1: Introduction to new venture creation

Module 2: Recognising and seizing opportunities

Module 3: Business models for the 21st-century and beyond

Module 4: Knowledge protection and organisation structures

Module 5: Managing growth, crises, and recovery

Module 6: Harvest options and strategies

Teaching Methods

Notional student workload

Scheduled hours per study period	Personal hours per study period	Total hours per study period
18	132	150

Work Integrated Learning

Work Experience Type	Hours Per Week	Number of Weeks	Total Hours
N/A			

Rationale

N/A

Teaching Methods

Teaching method	Delivery mode	Duration	Frequency
<i>Online</i>			
Workshop	Online	1 hour	Weekly
Tutorial	Online	2 hours	Weekly
<i>Gold Coast, Brisbane, Melbourne, Sydney, PERTH</i>			
Workshop	Online	1 hour	Weekly
Tutorial	On-campus	2 hours	Weekly
<i>PNG - IBSU</i>			
Workshop	On-campus	1 hour	Weekly
Tutorial	On-campus	2 hours	Weekly

Assessment

Overview

N	Type	Academic Integrity	Group/Individual	Length/duration	Weighting	Grading indicator	Week due	Learning outcomes	Cognitive Complexity
<i>Online, Gold Coast, PNG - IBSU, Brisbane, Melbourne, Sydney, PERTH</i>									
1	Short written response	Assessment task is reviewed/updated before each delivery, Authentic questions	INDIV	2000 words (Identifying a new venture opportunity)	50	Grade d	3	1	1. Knowledge/Comprehension
2	Presentation	Applies real life situations/scenarios, Individualised	GROUP	15 minutes (Pitching a new venture creation plan)	50	Grade d	6	1,2,3,4	3. Synthesis/Evaluation

Additional assessment requirements

N/A

Prescribed learning resources

Textbooks

Nil

Online resources

Nil

Equipment, protective clothing and tools

Nil

Faculty/College	Faculty of Business, Law and Arts
Unit Code	BUSN5003
Unit Title	Management Communication
SCU Award Category	Postgraduate
Level of Study	Level 5: PGRD Foundational Coursework
Unit Type	PG Coursework Unit
Credit Points	12
Grading Basis	Graded
Field of Education	(080301) Business Management
Pre-requisites	
Co-requisites	
Anti-requisites	
Enrolment Information	
Enrolment Restriction	

Aim

Introduces students to key theories and concepts in management communication. Develops students' skills to become effective business and academic communicators, writers and speakers. Students will learn to prepare clear and powerful messages, both individually and in groups. Students will learn strategies which will help them plan, write, revise and edit business documents. Through this process, students will also develop an understanding of, and skills in, the principles of academic integrity and academic writing.

Unit learning outcomes

On completion of this unit, students should be able to:

1. identify and describe the foundations of communication as an interactive process
2. examine and develop the skills, techniques, and practices used in professional written communication and oral presentations
3. analyse the interpersonal aspects of communication and how they affect a manager's ability to communicate
4. describe how collaborative communication technologies impact communication in today's workplace.

Modules

Module 1: Communication foundations

Module 2: The writing process

Module 3: Writing styles

Module 4: Communicating with people - Interpersonal communication

Module 5: Communicating with people - Corporate communications

Module 6: Communicating with people - Collaborative communication

Teaching Methods

Notional student workload

Scheduled hours per study period	Personal hours per study period	Total hours per study period
18	132	150

Work Integrated Learning

Work Experience Type	Hours Per Week	Number of Weeks	Total Hours
N/A			

Rationale

N/A

Teaching Methods

Teaching method	Delivery mode	Duration	Frequency
<i>Gold Coast, Brisbane, Melbourne, Sydney, China - CUT, PERTH</i>			
Workshop	Online	1 hour	Weekly
Tutorial	On-campus	2 hours	Weekly
<i>Online</i>			
Workshop	Online	1 hour	Weekly
Tutorial	Online	2 hours	Weekly

Assessment

Overview

N o	Type	Academic Integrity	Group/Individual	Length/duration	Weighting	Grading indicator	Week due	Learning outcomes	Cognitive Complexity
<i>Gold Coast, Online, Brisbane, Melbourne, Sydney, China - CUT, PERTH</i>									
1	Executive Summary	Authentic questions,Written responses Turnitin	INDIV	500 words	20	Graded	3	1,2,3	1. Knowledge/Comprehension
2	Presentation	Authentic questions,Individualised,Written responses Turnitin	INDIV	10 minute video	30	Graded	6	2,3,4	2. Application/Analysis
3	Report	Authentic questions,Reflective component,Written responses Turnitin	INDIV	1500 words	50	Graded	7	2,3,4	3. Synthesis/Evaluation

Additional assessment requirements

N/A

Prescribed learning resources

Textbooks

Nil

Online resources

Nil

Equipment, protective clothing and tools

Nil

Faculty/College	Faculty of Science and Engineering
Unit Code	CHEM1001
Unit Title	Chemistry
SCU Award Category	Undergraduate
Level of Study	Level 1: UGRD Foundational Coursework
Unit Type	UG Coursework Unit
Credit Points	12
Grading Basis	Graded
Field of Education	(010503) Inorganic Chemistry
Pre-requisites	
Co-requisites	
Anti-requisites	
Enrolment Information	There will be a 2-day compulsory residential for Online students that will be held on the Lismore Campus (Terms 2 and 4) or the National Marine Science Centre, Coffs Harbour (Term 2 only). Please refer to http://scu.edu.au/timetables for further information on timetables.
Enrolment Restriction	

Aim

Provides an introduction to basic chemical concepts in inorganic and organic chemistry. It includes atomic and molecular theory, bonding, the periodic table, and chemical reactions important in understanding the nature of geological materials, chemical processes in biological systems, water chemistry, and pollution. Laboratory classes complement lecture content, and provide experience in basic practical techniques.

Unit learning outcomes

On completion of this unit, students should be able to:

1. analyse and apply foundational concepts of chemistry to solve problems
2. apply introductory knowledge to an applied chemistry field
3. demonstrate the ability to safely and correctly use basic laboratory equipment

Modules

1. Atomic model, periodic table, elements, compounds
2. Constructing, balancing equations. Calculating moles and masses.
3. Molarity, Standard Solutions, Acid and Bases, pH, Titration
4. Reduction and oxidation chemistry (REDOX) – Basics
5. Organic Chemistry – Basics
6. Nuclear chemistry – Introduction

Teaching Methods

Notional student workload

Scheduled hours per study period	Personal hours per study period	Total hours per study period
24	126	150

Work Integrated Learning

Work Experience Type	Hours Per Week	Number of Weeks	Total Hours
N/A			

Rationale

N/A

Teaching Methods

Teaching method	Delivery mode	Duration	Frequency
<i>Lismore, National Marine Science Centre Coffs Harbour, Gold Coast</i>			
Workshop	Online	1 hour	Weekly
Laboratory	On-campus	2 hours	Weekly
Tutorial	Online	1 hour	Weekly
<i>Online</i>			
Workshop	Online	1 hour	Weekly
Residential	On-campus	2 days	2 consecutive days
Tutorial	Online	1 hour	Weekly

Assessment

Overview

No	Type	Academic Integrity	GL\G Week due	Learning outcomes	Cognitive Complexity
<i>Lismore, National Marine Science Centre Coffs Harbour, Online, Gold Coast</i>					
1	Quiz	Applies real life situations/scenarios, Time limits, Use randomised question	I 1 1 G3 N h 5 r D o a l u d V r e d	1	1. Knowledge/Comprehension
2	Portfolio	Applies real life situations/scenarios, Assessment task is	I 3 4 G 6 N h 5 r D o a u d	2	2. Application/Analysis

No	Type	Academic Integrity	GLG	Week due	Learning outcomes	Cognitive Complexity
			reviewed/updated before each delivery, Authentic questions, Use randomised question	1 4 G Residential for Online students, Week 6 for On-campus students	3	2. Application/Analysis

Additional assessment requirements

Online students must participate in a 2-day compulsory residential to be eligible for a passing grade.

Prescribed learning resources

Textbooks

Paul Flowers, Klaus Theopold, Richard Langley, William R. Robinson, PhD, 2019, Chemistry 2e, 2nd Edition, OpenStax, Houston, Texas, <https://openstax.org/books/chemistry-2e/pages/1-introduction>

Online resources

Nil

Equipment, protective clothing and tools

Scientific calculator, capable of doing some basic mathematical functions such as log, square root and index calculations.

Laboratory coat

Enclosed shoes

Safety glasses will be provided in Chemistry or Cells and Molecules, one pair per student per degree.

Faculty/College	Faculty of Science and Engineering
Unit Code	CHEM2001
Unit Title	Environmental Chemistry
SCU Award Category	Undergraduate
Level of Study	Level 2: UGRD Discipline-Building Coursework
Unit Type	UG Coursework Unit
Credit Points	12
Grading Basis	Graded
Field of Education	(010599) Chemical Sciences not elsewhere classified
Pre-requisites	CHEM1001 Chemistry
Co-requisites	
Anti-requisites	
Enrolment Information	There will be a 3-day compulsory residential for Online students that will be held on the Lismore campus. Please refer to http://www.scu.edu.au/timetables for further information.
Enrolment Restriction	

Aim

Introduces the major physical, chemical and biological processes that control the concentration and dispersion of chemical elements in natural and impacted environments. Knowledge of these processes, the factors that control them, and the interactions between sediment/soil/rock, water, biota and the atmosphere are essential for scientifically sound environmental management and for distinguishing between natural conditions and human impacts. Introduces many of our environmental problems that are chemically based, but whose solution involves knowledge of geochemistry, biology, and engineering. Demonstrates how knowledge of natural processes and products can be applied in solutions to environmental problems.

Unit learning outcomes

On completion of this unit, students should be able to:

1. collect, analyse and interpret field data for environmental assessment and monitoring
2. critically analyse the major processes controlling chemical elements in natural environments
3. evaluate and apply key concepts of ecotoxicology

Modules

1. The chemistry of natural waters
2. Behaviour of clays and colloids
3. From the field to the laboratory – sample collection and integrity
4. Organic compounds – behaviour and analyses
5. Inorganic compounds – behaviour and analyses
6. Atmospheric chemistry

Teaching Methods

Notional student workload

Scheduled hours per study period	Personal hours per study period	Total hours per study period
24	126	150

Work Integrated Learning

Work Experience Type	Hours Per Week	Number of Weeks	Total Hours
N/A			

Rationale

N/A

Teaching Methods

Teaching method	Delivery mode	Duration	Frequency
<i>Lismore, National Marine Science Centre Coffs Harbour, Gold Coast</i>			
Workshop	Online	1 hour	Weekly
Laboratory	On-campus	3 hours	Weekly
<i>Online</i>			
Workshop	Online	1 hour	Weekly
Residential	On-campus	3 days	Once

Assessment

Overview

N	Type	Academic Integrity	Group/Individual	Length/duration	Weighting	Grading indicator	Week due	Learning outcomes	Cognitive Complexity
<i>Lismore, Online, National Marine Science Centre Coffs Harbour, Gold Coast</i>									
1	Poster		Applies real life situations/scenarios,Authentic questions	INDI V 500 words	30	Graded	3	2	3. Synthesis/Evaluation
2	Analysis		Applies real life situations/scenarios,Authentic questions,Written responses Turnitin	INDI V 1000 words	30	Graded	4	1,2,3	2. Application/Analysis
3	Analysis		Applies real life situations/scenarios,Written responses Turnitin	INDI V 1200 words	40	Graded	7	1,2,3	3. Synthesis/Evaluation

Additional assessment requirements

Online students need to attend a 3-day compulsory residential on the Lismore campus to obtain a passing grade.

Prescribed learning resources

Textbooks

Nil

Online resources

Nil

Equipment, protective clothing and tools

Students must come to laboratory classes with the laboratory manual, laboratory coat, covered footwear and protective safety glasses for use in class.

Faculty/College	Faculty of Education
Unit Code	CLST1002
Unit Title	HSIE: The Universe Next Door
SCU Award Category	Undergraduate
Level of Study	Level 1: UGRD Foundational Coursework
Unit Type	UG Coursework Unit
Credit Points	12
Grading Basis	Graded
Field of Education	(070303) Education Studies
Pre-requisites	
Co-requisites	
Anti-requisites	
Enrolment Information	
Enrolment Restriction	

Aim

Introduces students to studies of human society and its environment. The themes of change, interdependence, diversity, social justice, participatory citizenship, peace building, poverty and wealth, and sustainability are explored. Students are expected to develop skills in critical thinking, inquiry, analysis, judgement and justification.

Unit learning outcomes

On completion of this unit, students should be able to:

1. explain and discuss the range of academic disciplines covered in the social studies area
2. critically analyse current and emerging concepts of Continuity and Change; Perspectives, Evidence, Significance, Space, Place, Sustainability, and the Citizenry – especially in relation to the 4th Industrial Revolution (4IR)
3. acquire information, and use inquiry processes to explore, identify, explain and defend their position on a range of local and global issues, and articulate the implications of converse positions
4. analyse and demonstrate skills in personal, academic and disciplinary literacies through coherent written responses using appropriate academic conventions, structure, and APA referencing

Modules

Module 1: A Sustained Engagement with Complexity: HSIE and Critical Thought.

Module 2: The History of History, and the Future of Remembrance.

Module 3: The Place of Geography: Planetary Progression.

Module 4: Dangerous Dyads: Interactions in Worldview and Culture.

Module 5: Inequity: Balance & Counterbalance.

Module 6: You, Me, Us, Them.

Teaching Methods

Notional student workload

Scheduled hours per study period	Personal hours per study period	Total hours per study period
18	132	150

Work Integrated Learning

Work Experience Type	Hours Per Week	Number of Weeks	Total Hours
N/A			

Rationale

N/A

Teaching Methods

Teaching method	Delivery mode	Duration	Frequency
<i>Lismore, Gold Coast, Coffs Harbour</i>			
Workshop	Online	1 hour	Weekly
Tutorial	On-campus	2 hours	Weekly
<i>Online</i>			
Workshop	Online	1 hour	Weekly
Tutorial	Online	2 hours	Weekly

Assessment

Overview

No	Type	Academic Integrity	Group/Individual	Length/duration	Weighting	Grading indicator	Week due	Learning outcomes	Cognitive Complexity
<i>Lismore, Gold Coast, Coffs Harbour, Online</i>									
1	Annotated bibliography		INDIV	1500 words	50	Graded	3	1,2,3,4	
2	Plan		INDIV	1500 words	50	Graded	6	1,2,3,4	

Additional assessment requirements

N/A

Prescribed learning resources

Textbooks

Nil

Online resources

Nil

Equipment, protective clothing and tools

Nil

Faculty/College	Faculty of Education
Unit Code	CLST1004
Unit Title	Critical Thinking for Digital Times
SCU Award Category	Undergraduate
Level of Study	Level 1: UGRD Foundational Coursework
Unit Type	UG Coursework Unit
Credit Points	12
Grading Basis	Graded
Field of Education	(100799) Communication and Media Studies NEC
Pre-requisites	
Co-requisites	
Anti-requisites	
Enrolment Information	
Enrolment Restriction	

Aim

Introduces students to skills in critical thinking and analysis through engaging with ideas and debates relevant to everyday digital devices and networked culture. Students will identify and critically engage with debates in the media and understand their philosophical, social and cultural contexts.

Unit learning outcomes

On completion of this unit, students should be able to:

1. critically analyse ideas and debates surrounding everyday digital practices
2. relate issues and debates in digital practices to their philosophical, social and cultural contexts
3. develop, evaluate and articulate different views and arguments
4. engage in constructive discussion about issues and debates relating to digital practices

Modules

Module 1: Thinking critically about digital culture

Module 2: Anatomy of an argument

Module 3: Data and privacy

Module 4: Artificial intelligence and algorithms

Module 5: Caring machines

Module 6: Dialogue and difference

Teaching Methods

Notional student workload

Scheduled hours per study period	Personal hours per study period	Total hours per study period
18	132	150

Work Integrated Learning

Work Experience Type	Hours Per Week	Number of Weeks	Total Hours
N/A			

Rationale

N/A

Teaching Methods

Teaching method	Delivery mode	Duration	Frequency
<i>Lismore, Coffs Harbour, Gold Coast</i>			
Workshop	Online	1 hour	Weekly
Tutorial	On-campus	2 hours	Weekly
<i>Online</i>			
Workshop	Online	1 hour	Weekly
Tutorial	Online	2 hours	Weekly

Assessment

Overview

No	Type	Academic Integrity	Group /Individual	Week	Learning outcomes	Cognitive Complexity
<i>Lismore, Coffs Harbour, Gold Coast, Online</i>						
1	Proposal	Assessment task is reviewed/updated before each delivery,Authentic questions,Based on personal experience,Written responses Turnitin	INDIV	14	1,2,3,4	2. Application/Analysis
2	Project	Assessment task is reviewed/updated before each delivery,Based on personal experience,Reflective	INDIV	16	1,2,3	2. Application/Analysis

Faculty/College	Faculty of Education
Unit Code	CLST2002
Unit Title	Australia, Asia and the World
SCU Award Category	Undergraduate
Level of Study	Level 2: UGRD Discipline-Building Coursework
Unit Type	UG Coursework Unit
Credit Points	12
Grading Basis	Graded
Field of Education	(090399) Studies in Human Society not elsewhere classified
Pre-requisites	
Co-requisites	
Anti-requisites	
Enrolment Information	
Enrolment Restriction	

Aim

Introduces students to Australia, Asia and the World through a study of the historical, cultural, social and political implications of Australia in a globally interconnected world. By developing their contextual awareness and cultural competency, students orient themselves as citizens of the world.

Unit learning outcomes

On completion of this unit, students should be able to:

- critically reflect on the significance of identity and relevance of cultural competence.
- analyse historical developments in 'Asia' and the world that influence contemporary Australian society and culture
- evaluate core issues and themes regarding the interconnections between Australia, Asia and the world
- critically evaluate the media in relation to Australia and Asia

Modules

Module 1: A citizen of the world

Module 2: Identity, values and cultural competence

Module 3: Legacies of colonialism: the world and Australia

Module 4: Globalisation, borders and the construction of Asia

Module 5: Asia in Australia: belonging and representation

Module 6: Australia in Asia: travel and storytelling

Teaching Methods

Notional student workload

Scheduled hours per study period	Personal hours per study period	Total hours per study period
18	132	150

Work Integrated Learning

Work Experience Type	Hours Per Week	Number of Weeks	Total Hours
N/A			

Rationale

N/A

Teaching Methods

Teaching method	Delivery mode	Duration	Frequency
<i>Lismore, Gold Coast, Coffs Harbour, Coomera</i>			
Workshop	Online	1 hour	Weekly
Tutorial	On-campus	2 hours	Weekly
<i>Online</i>			
Workshop	Online	1 hour	Weekly
Tutorial	Online	2 hours	Weekly

Assessment

Overview

No	Type	Academic Integrity	Group/Individual	Length/duration	Weighting	Grading indicator	Week due	Learning outcomes	Cognitive Complexity
<i>Lismore, Gold Coast, Online, Coffs Harbour, Coomera</i>									
1	Presentation	Written responses Turnitin	INDIV	7 minutes/1,000 word equivalent	40	Grade	5	1,4	2. Application/Analysis
2	Project	Written responses Turnitin	INDIV	1500 words	60	Graded	7	2,3	3. Synthesis/Evaluation

Additional assessment requirements

N/A

Prescribed learning resources

Textbooks

Nil

Online resources

Nil

Equipment, protective clothing and tools

Nil

Faculty/College	Faculty of Education
Unit Code	CLST2003
Unit Title	Australian Cultural History
SCU Award Category	Undergraduate
Level of Study	Level 2: UGRD Discipline-Building Coursework
Unit Type	UG Coursework Unit
Credit Points	12
Grading Basis	Graded
Field of Education	(090399) Studies in Human Society not elsewhere classified
Pre-requisites	
Co-requisites	
Anti-requisites	
Enrolment Information	
Enrolment Restriction	

Aim

Explores a wide range of interpretations of the history of culture in Australia and some of the debates that arise from the study of history. Particular attention is paid to those areas that are seen as crucial to shaping contemporary Australia from World War I to the present.

Unit learning outcomes

On completion of this unit, students should be able to:

1. identify and analyse major social and cultural developments in Australia and their interpretations from the end of World War I to the present time
2. interrogate the ways in which race, class, gender and ethnicity and changes in broader society have altered the ways historians this century now think and write histories
3. critically analyse primary sources for the purposes of interpreting the past.

Modules

- Cultural history
- Cultural contact
- Sport and popular culture
- Biography: Individuality, society and history
- High politics and everyday life
- 'Looking to America'
- Movements for change
- Commemorating/celebrating

Teaching Methods

Notional student workload

Scheduled hours per study period	Personal hours per study period	Total hours per study period
18	132	150

Work Integrated Learning

Work Experience Type	Hours Per Week	Number of Weeks	Total Hours
N/A			

Rationale

N/A

Teaching Methods

Teaching method	Delivery mode	Duration	Frequency
<i>Lismore, Gold Coast</i>			
Workshop	Online	1 hour	Weekly
Tutorial	On-campus	2 hours	Weekly
<i>Online</i>			
Workshop	Online	1 hour	Weekly
Tutorial	Online	2 hours	Weekly

Assessment

Overview

No	Type	Academic Integrity	Group/Individual	Length/duration	Weighting	Grading indicator	Week due	Learning outcomes	Cognitive Complexity
<i>Lismore, Online, Gold Coast</i>									
1	Reflective writing	Reflective component,Written responses Turnitin	INDIV	1,500 words	40	Graded	3	1,2,3	2. Application
2	Journal	Based on personal experience,Reflective component	INDIV	2,000 words	60	Graded	7	1,2,3	2. Application

Additional assessment requirements

N/A

Prescribed learning resources

Textbooks

Nil

Online resources

Nil

Equipment, protective clothing and tools

Nil

Faculty/College	Faculty of Education
Unit Code	CLST3002
Unit Title	Borderlands: Identity, Culture and Belonging
SCU Award Category	Undergraduate
Level of Study	Level 3: UGRD Integrated Coursework
Unit Type	UG Coursework Unit
Credit Points	12
Grading Basis	Graded
Field of Education	(090399) Studies in Human Society not elsewhere classified
Pre-requisites	
Co-requisites	
Anti-requisites	
Enrolment Information	
Enrolment Restriction	

Aim

Using a postcolonial approach to the study of identity and culture, students explore the social, cultural and political formation of borders and borderlands. Through an investigation of race, ethnicity, sexuality, gender and class, various cultural texts are analysed. Students engage self reflexively with contemporary theories of multiculturalism, belonging, everyday life and dislocation.

Unit learning outcomes

On completion of this unit, students should be able to:

1. demonstrate an understanding of contemporary postcolonial theory concerned with borders and borderlands
2. self reflexively consider the implications of postcolonial theory in relation to questions of belonging, identity, multiculturalism and dislocation
3. critically investigate how issues of race, ethnicity, sexuality, gender and class intersect and interact
4. apply relevant aspects of cultural studies and postcolonial theory in an experientially based project.

Modules

Module 1: Borders of belonging

Module 2: Bounding the nation

Module 3: Boundaries of culture

Module 4: Traversing boundaries

Module 5: Displaying and performing culture

Module 6: Borderlands and history

Teaching Methods

Notional student workload

Scheduled hours per study period	Personal hours per study period	Total hours per study period
18	132	150

Work Integrated Learning

Work Experience Type	Hours Per Week	Number of Weeks	Total Hours
N/A			

Rationale

N/A

Teaching Methods

Teaching method	Delivery mode	Duration	Frequency
<i>Lismore, Gold Coast</i>			
Workshop	Online	1 hour	Weekly
Tutorial	On-campus	2 hours	Weekly
<i>Online</i>			
Workshop	Online	1 hour	Weekly
Tutorial	Online	2 hours	Weekly

Assessment

Overview

No	Type	Academic Integrity	Group/Individual	Length/duration	Weighting	Grading indicator	Week due	Learning outcomes	Cognitive Complexity
<i>Lismore, Online, Gold Coast</i>									
1	Presentation	Written responses Turnitin	INDIVIDUAL	8 minutes (1000 word equivalent)	40	Graded	3	1,2	3. Synthesis/Evaluation
2	Project	Assessment task is reviewed/updated before each delivery, Based on personal experience, Reflective component, Written responses Turnitin	INDIVIDUAL	1500 words	60	Graded	6	1,2,3,4	2. Application/Analysis

Additional assessment requirements

N/A

Prescribed learning resources

Textbooks

Nil

Online resources

Nil

Equipment, protective clothing and tools

Nil

Faculty/College	SCU College
Unit Code	COMM1004
Unit Title	A Culture of Enquiry
SCU Award Category	Undergraduate
Level of Study	Level 1: UGRD Foundational Coursework
Unit Type	UG Coursework Unit
Credit Points	12
Grading Basis	Graded
Field of Education	(080399) Business and Management not elsewhere classified
Pre-requisites	
Co-requisites	
Anti-requisites	
Enrolment Information	
Enrolment Restriction	

Aim

The unit develops students' understanding of the university culture of scholarship whilst developing their critical thinking and information literacy skills. Students will explore the nature of knowledge, including their own biases and limitations, developing an understanding of how information can be presented and interpreted in relation to a range of real-world, contemporary issues.

Unit learning outcomes

On completion of this unit, students should be able to:

1. apply critical thinking and digital literacy skills to evaluate information in academic and real-world contexts
2. communicate and collaborate effectively in diverse teams, demonstrating constructive participation to achieve shared goals
3. apply principles of academic integrity, including citation and referencing, and critically engage with sources of information for university study
4. interpret visually represented data to draw conclusions that are accurate, reliable, and based on credible evidence

Modules

1. Critical thinking: How do you know that what you know is true?
2. Critical thinking: Exploring frames, heuristics and biases
3. Digital and information Literacy: Finding and critically evaluating information
4. Communication and collaboration: Foundations for effective teamwork
5. Digital literacy: Reading and interpreting visually represented data
6. Academic integrity: Exploring copyright, authorship and ownership

Teaching Methods

Notional student workload

Scheduled hours per study period	Personal hours per study period	Total hours per study period
18	132	150

Work Integrated Learning

Work Experience Type	Hours Per Week	Number of Weeks	Total Hours
N/A			

Rationale

N/A

Teaching Methods

Teaching method	Delivery mode	Duration	Frequency
<i>Gold Coast, Coffs Harbour, Lismore, PNG - IBSU, Brisbane, Melbourne, Sydney, PERTH</i>			
Tutorial	On-campus	2 hours	Weekly
Workshop	Online	1 hour	Weekly
<i>Online</i>			
Tutorial	Online	2 hours	Weekly
Workshop	Online	1 hour	Weekly

Assessment

Overview

No	Type	Academic Integrity	Gr ou p/I nd ivi du al	Le ng th /d ur ati on	W e i g h t i n g	Gr ad in dic at or	Week due	Learning outcomes	Cognitive Complexity
<i>Gold Coast, Coffs Harbour, Lismore, Online, PNG - IBSU, Brisbane, Melbourne, Sydney, PERTH</i>									
1	Discussion board	Applies real life situations/scenarios, Authentic questions	IN DI V	2 5 0 w o r d s	2 0	G r a d e d	3	1,2	1. Knowledge/Comprehension
2	Critical review	Applies real life situations/scenarios, Authentic questions, Written responses Turnitin	IN DI V	60 0 w o r d s	4 0	Gr ad ed	4	1,3	2. Application/Analysis
3	Evaluation	Applies real life situations/scenarios, Authentic questions, Reflective component	GR O UP	12 00 w o r d s	4 0	Gr ad ed	6	1,2,3,4	3. Synthesis/Evaluation

Additional assessment requirements

N/A

Prescribed learning resources

Textbooks

Nil

Online resources

Nil

Equipment, protective clothing and tools

Nil

Faculty/College	Faculty of Science and Engineering
Unit Code	COMP1001
Unit Title	Data Communications and Networks
SCU Award Category	Undergraduate
Level of Study	Level 1: UGRD Foundational Coursework
Unit Type	UG Coursework Unit
Credit Points	12
Grading Basis	Graded
Field of Education	(020113) Networks and Communications
Pre-requisites	
Co-requisites	
Anti-requisites	
Enrolment Information	
Enrolment Restriction	

Aim

Covers the fundamental concepts of data communications and computer networks. The unit provides students with a theoretical understanding of the models, protocols, switching and routing technology, which drives data exchange both within and between computer networks. Students will also gain practical skills to analyse network protocols and explore network services.

Unit learning outcomes

On completion of this unit, students should be able to:

1. describe the fundamental principles and components of computer networks and data communication that support the development, functionality, and management of modern business networks
2. analyse TCP/IP protocols and articulate how they facilitate reliable data transmission across various digital communication platforms
3. apply basic network design and configuration skills within a given business scenario
4. discuss the role of modern computer networks and internet security in everyday life and business operations.

Modules

1. Fundamental concepts of data communications
2. Fundamental concepts of computer networks
3. Network addressing and protocols
4. Basic network switching and routing
5. End-to-end communications
6. Contemporary computer networks and network security.

Teaching Methods

Notional student workload

Scheduled hours per study period	Personal hours per study period	Total hours per study period
18	132	150

Work Integrated Learning

Work Experience Type	Hours Per Week	Number of Weeks	Total Hours
N/A			

Rationale

N/A

Teaching Methods

Teaching method	Delivery mode	Duration	Frequency
<i>Online</i>			
Workshop	Online	1 hour	Weekly
Tutorial	Online	2 hours	Weekly
<i>Gold Coast, SCU Sydney, Perth, SCU Melbourne, Coomera, Brisbane, Melbourne, Sydney</i>			
Workshop	Online	1 hour	Weekly
Tutorial	On-campus	2 hours	Weekly
<i>PNG - IBSU, China - GXUST</i>			
Workshop	On-campus	1 hour	Weekly
Tutorial	On-campus	2 hours	Weekly

Assessment

Overview

N o	Type	Academic Integrity	Group/Individual	Length/duration	Weighting	Grading indicator	Week due	Learning outcomes	Cognitive Complexity
<i>Online, Gold Coast, SCU Sydney, Perth, SCU Melbourne, Coomera, PNG - IBSU, China - GXUST, Brisbane, Melbourne, Sydney</i>									
1	Short written response	Applies real life situations/scenarios, Assessment task is reviewed/updated before each delivery	INDIV	1500 words	40	Grade d	3	1	2. Application/Analysis
2	Case study	Applies real life situations/scenarios, Assessment task is reviewed/updated before each delivery	INDIV	2000 words	60	Grade d	6	1,2,3,4	1. Knowledge/Comprehension

Additional assessment requirements

N/A

Prescribed learning resources

Textbooks

Nil

Online resources

Cisco Packet Tracer

Equipment, protective clothing and tools

Nil

Faculty/College	Faculty of Science and Engineering
Unit Code	COMP1003
Unit Title	Foundations of Programming
SCU Award Category	Undergraduate
Level of Study	Level 1: UGRD Foundational Coursework
Unit Type	UG Coursework Unit
Credit Points	12
Grading Basis	Graded
Field of Education	(020103) Programming
Pre-requisites	
Co-requisites	
Anti-requisites	
Enrolment Information	
Enrolment Restriction	

Aim

Introduces the basic principles of object-oriented programming using a standard programming language and a learning environment. Students will gain a thorough theoretical and practical understanding of the programming process, including the ability to write and debug programs, stepwise refine code, use object-oriented development, develop appropriate algorithms and write modularised code using methods. Emphasis in the unit is at all times on a sound understanding of the principles involved, with particular attention being paid to worked examples to demonstrate these principles in a clear and straightforward fashion.

Unit learning outcomes

On completion of this unit, students should be able to:

1. install and operate a programming environment to build simple object-oriented programs
2. explain the behaviour of simple programs involving the fundamental programming constructs
3. modify existing code to improve readability and structural quality
4. create programming classes and methods using accepted best practice.

Modules

Module 1: Introduction to Programming

Module 2: Basic Programming Constructs

Module 3: Loops and Lists

Module 4: Files and User-defined Functions

Module 5: Introduction to Classes and Objects

Module 6: Building Complete Applications

Teaching Methods

Notional student workload

Scheduled hours per study period	Personal hours per study period	Total hours per study period
18	132	150

Work Integrated Learning

Work Experience Type	Hours Per Week	Number of Weeks	Total Hours
N/A			

Rationale

N/A

Teaching Methods

Teaching method	Delivery mode	Duration	Frequency
<i>Gold Coast, SCU Melbourne, Perth, SCU Sydney, China - GXUST, PNG - IBSU, Brisbane, Melbourne, Sydney, China - CUT</i>			
Tutorial	On-campus	2 hours	weekly
Workshop	Online	1 hour	weekly
<i>Online</i>			
Tutorial	Online	2 hours	weekly
Workshop	Online	1 hour	weekly

Assessment

Overview

N	Type	Academic Integrity	Group/Individual	Length/duration	Weighting	Grading indicator	Week due	Learning outcomes	Cognitive Complexity
<i>Gold Coast, SCU Melbourne, Perth, SCU Sydney, Online, China - GXUST, PNG - IBSU, Brisbane, Melbourne, Sydney, China - CUT</i>									
1	Portfolio	Assessment task is reviewed/updated before each delivery, Individualised, Reflective component	INDIV	5 hours	30	Graded	3	1,2	2. Application/Analysis
2	Quiz	Time limits, Use randomised question	INDIV	1 hour	10	Graded	5	2,3	1. Knowledge/Comprehension
3	Project	Assessment task is reviewed/updated before each	INDIV	20 hours	60	Graded	7	2,3,4	2. Application/Analysis

No	Type	Academic Integrity	Group/Individual	Length/duration	Weighting	Grading indicator	Week due	Learning outcomes	Cognitive Complexity
		delivery, Individualised, Reflective component							

Additional assessment requirements

N/A

Prescribed learning resources

Textbooks

Nil

Online resources

Visual Studio Code and relevant extensions.

Equipment, protective clothing and tools

Nil

Faculty/College	Faculty of Science and Engineering
Unit Code	COMP1004
Unit Title	Cybersecurity Governance, Risk, and Compliance
SCU Award Category	Undergraduate
Level of Study	Level 1: UGRD Foundational Coursework
Unit Type	UG Coursework Unit
Credit Points	12
Grading Basis	Graded
Field of Education	(029901) Security Science
Pre-requisites	
Co-requisites	
Anti-requisites	
Enrolment Information	
Enrolment Restriction	

Aim

Gives students an introduction to the core principles of governance, risk, and compliance (GRC) with a focus on fundamental cybersecurity concepts. It covers the basics of technical, human, and legal aspects of cybersecurity, enabling students to define and identify key security measures, mechanisms, and services essential for protecting enterprise information systems, whether managed internally or by external providers. This unit also prepares students for the Microsoft security, compliance, and Identity fundamentals certification exam.

Unit learning outcomes

On completion of this unit, students should be able to:

1. explain key cybersecurity principles, and their role in securing organisational data, systems, and networks from cyber threats
2. analyse cyber threats and mitigation techniques in a relevant business context
3. analyse cyber security laws, ethics and administration processes
4. explain key concepts of security, compliance, and identity, and apply cloud services for data protection, regulatory compliance, and secure access management.

Modules

Module 1: Cybersecurity basics and governance frameworks

Module 2: Security for hosts, data, and applications

Module 3: Securing distributed and cloud-based systems

Module 4: Human factors, ethics, and privacy in cybersecurity

Module 5: Introduction to the concepts of Microsoft security, compliance, and Identity

Module 6: Microsoft tools for security, compliance, and identity capabilities

Teaching Methods

Notional student workload

Scheduled hours per study period	Personal hours per study period	Total hours per study period
18	132	150

Work Integrated Learning

Work Experience Type	Hours Per Week	Number of Weeks	Total Hours
N/A			

Rationale

N/A

Teaching Methods

Teaching method	Delivery mode	Duration	Frequency
<i>Gold Coast, SCU Melbourne, Perth, SCU Sydney, China - GXUST, PNG - IBSU, Brisbane, Melbourne, Sydney</i>			
Tutorial	On-campus	2 hours	weekly
Workshop	Online	1 hour	weekly
<i>Online</i>			
Tutorial	Online	2 hours	weekly
Workshop	Online	1 hour	weekly
<i>China - CUT</i>			
Tutorial	Online	2 hours	weekly
Workshop	On-campus	1 hour	weekly

Assessment

Overview

No	Type	Academic Integrity	Group /Individual	Length/duration	Weighting	Grading indicator	Week due	Learning outcomes	Cognitive Complexity
<i>Gold Coast, SCU Melbourne, Perth, SCU Sydney, Online, China - GXUST, PNG - IBSU, Brisbane, Melbourne, Sydney, China - CUT</i>									
1	Quiz	Time limits, Use randomised question	INDIV	30 minutes	15	Graded	3	1,2	1. Knowledge/Comprehension
2	Case study	Applies real life situations /scenarios, Assessment task is	INDIV	1500 words	45	Graded	5	1,2,3	2. Application/Analysis

No	Type	Academic Integrity	Group /Individual	Length/duration	Weighting	Grading indicator	Week due	Learning outcomes	Cognitive Complexity
		reviewed /updated before each delivery							
3	Exam: Proctored, Online	Time limits,Used randomised question	INDIV	120 minutes	40	Graded	7	3,4	1. Knowledge/Comprehension

Additional assessment requirements

N/A

Prescribed learning resources

Textbooks

Nil

Online resources

Nil

Equipment, protective clothing and tools

Nil

Faculty/College	Faculty of Science and Engineering
Unit Code	COMP1005
Unit Title	Applied Artificial Intelligence
SCU Award Category	Undergraduate
Level of Study	Level 1: UGRD Foundational Coursework
Unit Type	UG Coursework Unit
Credit Points	12
Grading Basis	Graded
Field of Education	(020119) Artificial Intelligence
Pre-requisites	
Co-requisites	
Anti-requisites	
Enrolment Information	
Enrolment Restriction	

Aim

This unit is designed to be a university-wide elective with a focus on general concepts, tools, applications, and skills development related to everyday/business usage of artificial intelligence. It will use examples in different application domains such as IT, business, and engineering to demonstrate using no-code or low-code AI tools to develop solutions.

Unit learning outcomes

On completion of this unit, students should be able to:

1. apply AI concepts to real-world scenarios
2. develop solutions through the use of no-code and low-code AI tools
3. apply AI technologies to automate basic business processes
4. train, deploy, and integrate AI models for predictive and analytical tasks.

Modules

Module 1: Large language models and prompt engineering foundations

Module 2: Shaping AI roles and identity

Module 3: Controlling AI tone, style, and creativity

Module 4: Setting AI boundaries and output structure

Module 5: Teaching AI through examples

Module 6: Guiding AI reasoning and ethical safeguards

Teaching Methods

Notional student workload

Scheduled hours per study period	Personal hours per study period	Total hours per study period
18	132	150

Work Integrated Learning

Work Experience Type	Hours Per Week	Number of Weeks	Total Hours
N/A			

Rationale

N/A

Teaching Methods

Teaching method	Delivery mode	Duration	Frequency
<i>Gold Coast, SCU Melbourne, Perth, SCU Sydney, China - GXUST, PNG - IBSU, Brisbane, Sydney, Melbourne, China - CUT</i>			
Tutorial	On-campus	2 hours	weekly
Workshop	Online	1 hour	weekly
<i>Online</i>			
Tutorial	Online	2 hours	weekly
Workshop	Online	1 hour	weekly

Assessment

Overview

No	Type	Academic Integrity	Group/Individual	Length/duration	Weighting	Grading indicator	Week due	Learning outcomes	Cognitive Complexity
<i>Gold Coast, SCU Melbourne, Perth, SCU Sydney, Online, China - GXUST, PNG - IBSU, Brisbane, Sydney, Melbourne, China - CUT</i>									
1	Portfolio	Applies real life situations /scenario s,Assessment task is reviewed /updated before each delivery, Reflective component	INDIV	10 hours	30	Graded	3	1,2	2. Application/Analysis
2	Portfolio	Applies real life situations	INDIV	10 hours	30	Graded	5	1,2	2. Application/Analysis

No	Type	Academic Integrity	Group/Individual	Length/duration	Weighting	Grading indicator	Week due	Learning outcomes	Cognitive Complexity
		/scenario s,Assessment task is reviewed /updated before each delivery, Reflective component							
3	Portfolio	Applies real life situations /scenario s,Assessment task is reviewed /updated before each delivery, Reflective component	INDIV	15 hours	40	Graded	7	3,4	2. Application/Analysis

Additional assessment requirements

N/A

Prescribed learning resources

Textbooks

Nil

Online resources

Nil

Equipment, protective clothing and tools

Nil

Faculty/College	Faculty of Science and Engineering
Unit Code	COMP1006
Unit Title	Foundations of Computing
SCU Award Category	Undergraduate
Level of Study	Level 1: UGRD Foundational Coursework
Unit Type	UG Coursework Unit
Credit Points	12
Grading Basis	Graded
Field of Education	(020113) Networks and Communications
Pre-requisites	
Co-requisites	
Anti-requisites	COMP1002 Foundations of Computing
Enrolment Information	
Enrolment Restriction	

Aim

The unit introduces the IT industry and provides interactive exposure to personal computers, hardware, and operating systems. Students participate in hands-on activities and virtual lab-based learning to become familiar with various hardware and software components and discover best practices in maintenance and safety.

Unit learning outcomes

On completion of this unit, students should be able to:

1. describe the evolution of computing and apply basic computer logic and binary systems to solve fundamental problems in modern computing contexts
2. install, configure, and manage operating systems and virtual environments for modern computing systems
3. analyse and troubleshoot hardware, software, and operating systems issues in both physical and virtualised environments
4. explain key cloud computing concepts and apply cloud services for system management, security and performance.

Modules

Module 1: Introduction to Computer Logic and Binary Systems

Module 2: Computing Fundamentals and Technological Evolution

Module 3: Operating Systems: Concepts and Fundamentals

Module 4: Virtualisation Technologies

Module 5: Introduction to Cloud Computing and Architecture

Module 6: Cloud Services, Management and Governance

Teaching Methods

Notional student workload

Scheduled hours per study period	Personal hours per study period	Total hours per study period
18	132	150

Work Integrated Learning

Work Experience Type	Hours Per Week	Number of Weeks	Total Hours
N/A			

Rationale

N/A

Teaching Methods

Teaching method	Delivery mode	Duration	Frequency
<i>Gold Coast, SCU Sydney, Perth, SCU Melbourne, PNG - IBSU, China - GXUST, Brisbane, Sydney, Melbourne, China - CUT</i>			
Workshop	Online	1 hour	Weekly
Tutorial	On-campus	2 hours	Weekly
<i>Online</i>			
Workshop	Online	1 hour	Weekly
Tutorial	Online	2 hours	Weekly

Assessment

Overview

N	Type	Academic Integrity	Group/Individual	Length/duration	Weighting	Grading indicator	Week due	Learning outcomes	Cognitive Complexity
<i>Gold Coast, SCU Sydney, Perth, SCU Melbourne, PNG - IBSU, China - GXUST, Online, Brisbane, Sydney, Melbourne, China - CUT</i>									
1	Quiz	Authentic questions, Time limits, Written responses Turnitin	INDIV	20 minutes	10	Graded	2	1	1. Knowledge/Comprehension
2	Report	Applies real life situations/scenarios, Written responses Turnitin	INDIV	1500 words	50	Graded	5	1,2,3	1. Knowledge/Comprehension
3	Exam: Proctored, Online	Authentic questions, Time limits, Written responses Turnitin	INDIV	120 minutes	40	Graded	7	4	1. Knowledge/Comprehension

Additional assessment requirements

Note that students can optionally use the extended CISCO course materials to prepare for the CompTIA A+ Certification. The certification involves some practice and then completing a certification exam.

If certification is desired, students will need to arrange their own certification exam through CompTIA and Pearson-VUE. The certification exam fee is not included in this unit, and students who choose to do the certification will be liable for this (in 2021, this fee was \$AU 314.00).

For more information: <https://au-store.comptia.org/>

Prescribed learning resources

Textbooks

Nil

Online resources

CISCO Portal. Student login will be provided. All activities and materials will be provided via MySCU site and this CISCO portal.

Packet Tracer software - freely available via CISCO

Equipment, protective clothing and tools

Nil

Faculty/College	Faculty of Science and Engineering
Unit Code	COMP1007
Unit Title	Information Technology Professional Skills and Ethics
SCU Award Category	Undergraduate
Level of Study	Level 1: UGRD Foundational Coursework
Unit Type	UG Coursework Unit
Credit Points	12
Grading Basis	Graded
Field of Education	(029999) Information Technology not elsewhere classified
Pre-requisites	
Co-requisites	
Anti-requisites	
Enrolment Information	
Enrolment Restriction	

Aim

Provides students with a body of knowledge, skills, attributes, qualities and values required of ICT professionals. Students will be introduced to principles, standards, and code of conduct as well as awareness of cultural diversity, conflict, and its management in a multicultural workforce. Students will explore a range of issues that ICT professionals must manage, allowing students to identify and understand current and emerging issues generated by an ever-changing technology.

Unit learning outcomes

On completion of this unit, students should be able to:

1. discuss contemporary issues in ICT professional practice
2. critically appraise ICT principles, technical standards, and professional codes of conduct to formulate ethical judgments and communicate complex technical and ethical perspectives effectively to colleagues, clients, and the public
3. discuss the importance of effective communication, collaboration and social skills in productive ICT professional practice
4. critically analyse the social, cultural, legal and ethical factors shaping ICT practice, and discuss their implications for individuals, organisations and society

Modules

Module 1: Becoming an IT professional

Module 2: Professional standards and ethical behaviour

Module 3: Sustainable and ethical computing in practice

Module 4: Cultural and accessibility considerations

Module 5: Diversity in IT

Module 6: Regulation of inappropriate content

Teaching Methods

Notional student workload

Scheduled hours per study period	Personal hours per study period	Total hours per study period
18	132	150

Work Integrated Learning

Work Experience Type	Hours Per Week	Number of Weeks	Total Hours
N/A			

Rationale

N/A

Teaching Methods

Teaching method	Delivery mode	Duration	Frequency
<i>Gold Coast, Perth, China - GXUST, PNG - IBSU, Brisbane, Sydney, Melbourne, China - CUT</i>			
Tutorial	On-campus	2 hours	weekly
Workshop	Online	1 hour	weekly
<i>Online</i>			
Tutorial	Online	2 hours	weekly
Workshop	Online	1 hour	weekly

Assessment

Overview

N o	Type	Academic Integrity	Group/Ind ividual	Length/ duration	Weightin g	Grading indicato r	Wee k due	Learning outcome s	Cognitive Complexity
<i>Gold Coast, Online, Perth, China - GXUST, PNG - IBSU, Brisbane, Sydney, Melbourne, China - CUT</i>									
1	Presen tation	Individualised, Reflective component	INDIV	8 minutes	15	Graded	2	1,3	1. Knowledge/Comprehensi on
2	Presen tation	Applies real life situations/sce narios, Assess ment task is reviewed/upd ated before each delivery	INDIV	12 minutes	35	Graded	4	1,2,3	2. Application/Analysis
3	Essay	Applies real life situations/sce narios, Assess ment task is reviewed/upd ated before each delivery, Writt en responses Turnitin	INDIV	1500 words	50	Graded	7	1,4	2. Application/Analysis

Additional assessment requirements

N/A

Prescribed learning resources

Textbooks

Nil

Online resources

Nil

Equipment, protective clothing and tools

Nil

Faculty/College	Faculty of Science and Engineering
Unit Code	COMP1008
Unit Title	Database Systems
SCU Award Category	Undergraduate
Level of Study	Level 1: UGRD Foundational Coursework
Unit Type	UG Coursework Unit
Credit Points	12
Grading Basis	Graded
Field of Education	(020303) Database Management
Pre-requisites	
Co-requisites	
Anti-requisites	
Enrolment Information	
Enrolment Restriction	

Aim

The unit provides the student with an overall understanding of database concepts and theory. Students will learn how to design and build a database, from data analysis to mapping a specific database model. Both the relational and non-relational models are introduced, along with the use of common structured queried language (SQL) queries for accessing databases in the cloud. Microsoft Azure will be used to familiarise students with developing and implementing databases in the cloud, using data analytics, and preparing for the Microsoft Azure Data Fundamentals certification exam.

Unit learning outcomes

On completion of this unit, students should be able to:

1. Describe core data concepts and identify considerations for working with relational and non-relational data
2. Write and execute SQL queries for relational databases
3. Design, develop and test the functionality of a simple database in the cloud
4. Apply cloud-based data services including analytics for relational and non-relational data solutions.

Modules

Module 1: Database fundamentals

Module 2: Database models

Module 3: Creating databases

Module 4: Database design and common SQL

Module 5: Database services and security in the cloud

Module 6: Data Analytics and large-scale data warehousing solutions

Teaching Methods

Notional student workload

Scheduled hours per study period	Personal hours per study period	Total hours per study period
18	132	150

Work Integrated Learning

Work Experience Type	Hours Per Week	Number of Weeks	Total Hours
N/A			

Rationale

N/A

Teaching Methods

Teaching method	Delivery mode	Duration	Frequency
<i>Gold Coast, SCU Melbourne, Perth, SCU Sydney, China - GXUST, PNG - IBSU, Brisbane, Sydney, Melbourne, China - CUT</i>			
Tutorial	On-campus	2 hours	weekly
Workshop	Online	1 hour	weekly
<i>Online</i>			
Tutorial	Online	2 hours	weekly
Workshop	Online	1 hour	weekly

Assessment

Overview

N	Type	Academic Integrity	Group/Individual	Length/duration	Weighting	Grading indicator	Week due	Learning outcomes	Cognitive Complexity
<i>Gold Coast, SCU Melbourne, Perth, SCU Sydney, Online, China - GXUST, PNG - IBSU, Brisbane, Sydney, Melbourne, China - CUT</i>									
1	Portfolio	t	INDIV	10 hours	30	Graded	3	1,2	2. Application/Analysis
2	Project		INDIV	20 hours	40	Graded	6	2,3	2. Application/Analysis
3	Exam: Proctored, Online		INDIV	120 minutes	30	Graded	7	1,2,4	1. Knowledge/Comprehension

Additional assessment requirement

N/A

Prescribed learning resources

Textbooks

Nil

Online resources

Nil

Equipment, protective clothing and tools

Nil

Faculty/College	Faculty of Science and Engineering
Unit Code	COMP2010
Unit Title	Software Engineering Practices
SCU Award Category	Undergraduate
Level of Study	Level 2: UGRD Discipline-Building Coursework
Unit Type	UG Coursework Unit
Credit Points	12
Grading Basis	Graded
Field of Education	(029999) Information Technology not elsewhere classified
Pre-requisites	
Co-requisites	
Anti-requisites	
Enrolment Information	
Enrolment Restriction	

Aim

This unit aims to teach students important software engineering methodologies and practices so that they can apply them to real-world projects in their final year. It covers software processes, DevOps, system analysis and design, user experience, software-based application systems, and intelligent software engineering.

Unit learning outcomes

On completion of this unit, students should be able to:

1. apply key software development methodologies to solve software engineering problems
2. design and model software systems using industry-standard techniques
3. implement and test software solutions, ensuring software reliability, security, and quality through appropriate development practices
4. apply industry-standard tools and techniques to develop software systems in a team setting.

Modules

Module 1: Fundamentals of Software Engineering

Module 2: Agile Development and Requirements Engineering

Module 3: System Modelling and Software Architecture

Module 4: User experience and User Interface design and Design Patterns

Module 5: Software Implementation and Testing

Module 6: Advanced Streamlined Software Practices

Teaching Methods

Notional student workload

Scheduled hours per study period	Personal hours per study period	Total hours per study period
18	132	150

Work Integrated Learning

Work Experience Type	Hours Per Week	Number of Weeks	Total Hours
N/A			

Rationale

N/A

Teaching Methods

Teaching method	Delivery mode	Duration	Frequency
<i>Gold Coast, SCU Melbourne, Perth, SCU Sydney, China - GXUST, PNG - IBSU, Brisbane, Sydney, Melbourne, China - CUT</i>			
Tutorial	On-campus	2 hours	weekly
Workshop	Online	1 hour	weekly
<i>Online</i>			
Tutorial	Online	2 hours	weekly
Workshop	Online	1 hour	weekly

Assessment

Overview

N	Type	Academic Integrity	Group/Individual	Length/duration	Weighting	Grading indicator	Week due	Learning outcomes	Cognitive Complexity
<i>Gold Coast, SCU Melbourne, Perth, SCU Sydney, Online, China - GXUST, PNG - IBSU, Brisbane, Sydney, Melbourne, China - CUT</i>									
1	Portfolio	Applies real life situations/scenarios, Assessment task is reviewed/updated before each delivery, Written responses Turnitin	INDIV	1500 words report + 10 minutes presentation	40	Grade d	4	2,3	2. Application/Analysis
2	Project	Applies real life situations/scenarios, Assessment task is reviewed/updated before each delivery, Written responses Turnitin	GROUP	20-min presentation + 2000 words report	60	Grade d	7	1,3,4	2. Application/Analysis

Additional assessment requirements

N/A

Prescribed learning resources

Textbooks

Nil

Online resources

Nil

Equipment, protective clothing and tools

Nil

Faculty/College	Faculty of Science and Engineering
Unit Code	COMP2011
Unit Title	Information Technology Project Management and Governance
SCU Award Category	Undergraduate
Level of Study	Level 2: UGRD Discipline-Building Coursework
Unit Type	UG Coursework Unit
Credit Points	12
Grading Basis	Graded
Field of Education	(029999) Information Technology not elsewhere classified
Pre-requisites	COMP1007 Information Technology Professional Skills and Ethics
Co-requisites	
Anti-requisites	
Enrolment Information	
Enrolment Restriction	

Aim

The unit introduces students to the principles of IT project management, from a project manager's perspective, in an organisational setting, and the skills needed to plan and manage projects with teams. Students will be introduced to the methodologies, tools, techniques and considerations necessary to complete a successful project. Students will also learn the fundamental IT governance principles.

Unit learning outcomes

On completion of this unit, students should be able to:

1. select and apply appropriate tools, techniques and practices for project development
2. engage in peer or self-evaluation and critically analyse the impact of teamwork and communication on project management outcomes
3. explain and model fundamental governance principles in IT
4. integrate Indigenous perspectives in communicating and managing projects in an Information Technology context.

Modules

Module 1: IT Project Management Concepts and Methodologies

Module 2: Organising the project

Module 3: Communication and Conflicts

Module 4: Planning and Risk Management

Module 5: Quality Management

Module 6: Fundamentals of ICT Governance

Teaching Methods

Notional student workload

Scheduled hours per study period	Personal hours per study period	Total hours per study period
18	132	150

Work Integrated Learning

Work Experience Type	Hours Per Week	Number of Weeks	Total Hours
N/A			

Rationale

N/A

Teaching Methods

Teaching method	Delivery mode	Duration	Frequency
<i>Gold Coast, Perth, China - GXUST, PNG - IBSU, Brisbane, Sydney, Melbourne, China - CUT</i>			
Tutorial	On-campus	2 hours	weekly
Workshop	Online	1 hour	weekly
<i>Online</i>			
Tutorial	Online	2 hours	weekly
Workshop	Online	1 hour	weekly

Assessment

Overview

N	Type	Academic Integrity	Group/Individual	Length/duration	Weighting	Grading indicator	Week due	Learning outcomes	Cognitive Complexity
<i>Gold Coast, Perth, Online, China - GXUST, PNG - IBSU, Brisbane, Sydney, Melbourne, China - CUT</i>									
1	Case study	Applies real life situations/scenarios,Assessment task is reviewed/updated before each delivery,Reflective component	GROUP	15 hours	30	Grade d	3	1	2. Application/Analysis
2	Case study	Applies real life situations/scenarios,Assessment task is reviewed/updated before each delivery,Reflective component	GROUP	20 hours	45	Grade d	5	1,2	2. Application/Analysis
3	Report	Applies real life situations/scenarios,Assessment task is reviewed/updated before each delivery,Written responses Turnitin	INDIV	1000 words	25	Grade d	7	3,4	2. Application/Analysis

Additional assessment requirements

N/A

Prescribed learning resources

Textbooks

Nil

Online resources

Jira, Confluence, BitBucket, etc.

Equipment, protective clothing and tools

Nil

Faculty/College	Faculty of Business, Law and Arts
Unit Code	ECON1001
Unit Title	Economics for Decision Making
SCU Award Category	Undergraduate
Level of Study	Level 1: UGRD Foundational Coursework
Unit Type	UG Coursework Unit
Credit Points	12
Grading Basis	Graded
Field of Education	(091901) Economics
Pre-requisites	
Co-requisites	
Anti-requisites	
Enrolment Information	
Enrolment Restriction	

Aim

This unit introduces students to an understanding of price formation and market structures, the tools of economic analysis, the behaviour of the consumer, government and the firm and the external and internal forces influencing that behaviour, especially in the current Australian economic environment.

Unit learning outcomes

On completion of this unit, students should be able to:

1. apply microeconomic principles and tools to understand and assess the behaviour of consumers, business and governments
2. apply macroeconomic principles and tools to understand and assess the behaviour of consumers, business and governments
3. evaluate the likely economic impacts of various micro and macro policy settings.

Modules

Module 1: Foundations of microeconomics

Module 2: Market structures

Module 3: Market failure and government intervention

Module 4: Foundations of macroeconomics

Module 5: The financial system in Australia

Module 6: Financial market structures

Teaching Methods

Notional student workload

Scheduled hours per study period	Personal hours per study period	Total hours per study period
18	132	150

Work Integrated Learning

Work Experience Type	Hours Per Week	Number of Weeks	Total Hours
N/A			

Rationale

N/A

Teaching Methods

Teaching method	Delivery mode	Duration	Frequency
<i>Online</i>			
Workshop	Online	1 hour	Weekly
Tutorial	Online	2 hours	Weekly
<i>Gold Coast, Lismore, Coffs Harbour, PNG - IBSU, Brisbane, Melbourne, Sydney, PERTH</i>			
Workshop	Online	1 hour	Weekly
Tutorial	On-campus	2 hours	Weekly
<i>China - TUST</i>			
Residential	On-campus	-	-

Assessment

Overview

N o	Type	Academic Integrity	Group/Individual	Length/duration	Weighting	Grading indicator	Week due	Learning outcomes	Cognitive Complexity
<i>Online, Gold Coast, Lismore, Coffs Harbour, PNG - IBSU, Brisbane, Melbourne, Sydney, PERTH</i>									
1	Short written response	Assessment task is reviewed/updated before each delivery, Written responses Turnitin	INDIV	7 questions	50	Graded	4	1,2	1. Knowledge/Comprehension
2	Report	Applies real life situations/scenarios, Assessment task is reviewed/updated before each delivery, Authentic questions, Individualised, Written responses Turnitin	INDIV	1200 words	50	Graded	6	1,2,3	2. Application/Analysis

No	Type	Academic Integrity	Group/Individual	Length/duration	Weighting	Grading indicator	Week due	Learning outcomes	Cognitive Complexity
<i>China - TUST</i>									
1	Short written response	Assessment task is reviewed/updated before each delivery,Written responses Turnitin	INDIV	7 questions	50	Grade d	8	1,2	1. Knowledge/Comprehension
2	Report	Applies real life situations/scenarios,Assessment task is reviewed/updated before each delivery,Authentic questions,Individualised ,Written responses Turnitin	INDIV	1200 words	50	Grade d	14	1,2,3	2. Application/Analysis

Additional assessment requirements

N/A

Prescribed learning resources

Textbooks

Nil

Online resources

Students need access to a computer with a webcam and reliable internet connection.

Equipment, protective clothing and tools

Nil

Faculty/College	Faculty of Science and Engineering
Unit Code	ENGN1003
Unit Title	Engineering Technology and Design
SCU Award Category	Undergraduate
Level of Study	Level 1: UGRD Foundational Coursework
Unit Type	UG Coursework Unit
Credit Points	12
Grading Basis	Graded
Field of Education	(039999) Engineering and Related Technologies NEC
Pre-requisites	
Co-requisites	
Anti-requisites	
Enrolment Information	This unit requires a software that only is compatible with Windows (W10 and newer) products.
Enrolment Restriction	

Aim

Introduces students to computer-aided design (CAD) and other technologies for engineering design applications. Students will become familiar with basic 2D and 3D CAD processes and use CAD to produce detailed drawings, sections and models for use in engineering design. Students will also explore new and emerging engineering design technologies, including 3D printing.

Unit learning outcomes

On completion of this unit, students should be able to:

1. describe current and emerging tools and methods to manage the engineering design process
2. employ industry-standard computer-aided design (CAD) software to produce a basic drawing to communicate an engineering design using established design requirements
3. use CAD to produce detailed plans, sections and models and perform design calculations relevant to your engineering specialisation
4. create a simple model using 3D CAD and 3D printing
5. apply standard conventions, such as orthogonal views, dimensions, tolerances, limits, and fits, when creating detailed engineering drawings while ensuring compliance with AS1100 standards
6. create complex engineering drawings using advanced features, such as geometric tolerancing, surface texture, and welding annotations.

Modules

Module 1: Managing the Engineering Design Process

Module 2: Working with Engineering Drawing Standards

Module 3: Producing Fundamental Engineering Drawings

Module 4: Using CAD to Produce Engineering Drawings

Module 5: Detailing Engineering Drawings and Managing 3D Models

Module 6: Creating Detailed Engineering Drawings from 3D Models

Teaching Methods

Notional student workload

Scheduled hours per study period	Personal hours per study period	Total hours per study period
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Work Integrated Learning

Work Experience Type	Hours Per Week	Number of Weeks	Total Hours
N/A			

Rationale

N/A

Teaching Methods

Teaching method	Delivery mode	Duration	Frequency
<i>Lismore, Gold Coast, China - CUT</i>			
Workshop	Online	1 hour	Weekly
Tutorial	On-campus	2 hours	Weekly
<i>Online</i>			
Workshop	Online	1 hour	Weekly
Tutorial	Online	2 hours	Weekly

Assessment

Overview

N	Type	Academic Integrity	Group/Individual	Length/duration	Weighting	Grading indicator	Week due	Learning outcomes	Cognitive Complexity
<i>Lismore, Gold Coast, Online, China - CUT</i>									
1	Quiz	Applies real life situations/scenarios, Authentic questions, Time limits, Use randomised question	INDIV	20 minutes	15	Graded	3	1,5	1. Knowledge/Comprehension
2	Portfolio	Assessment task is reviewed/updated before each delivery, Authentic questions, Reflective component, Written responses Turnitin	INDIV	1000 words or equivalent	25	Graded	5	2,3,5	3. Synthesis/Evaluation
3	Project	Applies real life situations/scenarios, Written responses Turnitin	INDIV	2000 words or equivalent	60	Graded	7	2,3,4,5,6	2. Application/Analysis

Additional assessment requirements

N/A

Prescribed learning resources

Textbooks

Nil

Online resources

Nil

Equipment, protective clothing and tools

Nil

Faculty/College	Faculty of Science and Engineering
Unit Code	ENGN1004
Unit Title	Engineering Governance
SCU Award Category	Undergraduate
Level of Study	Level 1: UGRD Foundational Coursework
Unit Type	UG Coursework Unit
Credit Points	12
Grading Basis	Graded
Field of Education	(039999) Engineering and Related Technologies NEC
Pre-requisites	
Co-requisites	
Anti-requisites	
Enrolment Information	
Enrolment Restriction	

Aim

Introduces students to basic aspects of compliance management in engineering projects and organisations. Students will learn to plan compliant operations and projects in terms of safety, sustainability and quality.

Unit learning outcomes

On completion of this unit, students should be able to:

1. explain how key regulatory and compliance frameworks, including workplace health and safety, quality and sustainability, apply to engineering
2. identify and manage compliance risks using requirement and risk management processes
3. explain the project approval process or compliance using engineering management processes
4. reflect on and self-assess development of proficiency in the Engineers Australia Stage 1 Competencies for Engineering Associates.

Modules

Module 1: Legal frameworks

Module 2: Management systems

Module 3: Quality management systems

Module 4: Workplace health and safety management systems

Module 5: Environmental management systems

Module 6: Project approval

Teaching Methods

Notional student workload

Scheduled hours per study period	Personal hours per study period	Total hours per study period
18	132	150

Work Integrated Learning

Work Experience Type	Hours Per Week	Number of Weeks	Total Hours
N/A			

Rationale

N/A

Teaching Methods

Teaching method	Delivery mode	Duration	Frequency
<i>Lismore, Gold Coast, China - CUT</i>			
Workshop	Online	1 hour	Weekly
Tutorial	On-campus	2 hours	Weekly
<i>Online</i>			
Workshop	Online	1 hour	Weekly
Tutorial	Online	2 hours	Weekly

Assessment

Overview

No	Type	Academic Integrity	Group/Individual	Length/duration	Weighting	Grading indicator	Week due	Learning outcome
<i>Lismore, Gold Coast, Online, China - CUT</i>								
1	Presentation	Applies real life situations/scenarios,Authentic questions,Written responses Turnitin	INDIV	10 minutes	40	Graded	3	1
2	Report	Applies real life situations/scenarios,Assessment task is reviewed/updated before each delivery,Written responses Turnitin	INDIV	2000 words	50	Graded	7	1,2,3
3	Portfolio	Assessment task is reviewed/updated before each delivery,Authentic questions,Reflective component,Written responses Turnitin	INDIV	1000 words or equivalent	10	Graded	5	1,2,3,4

Additional assessment requirements

N/A

Prescribed learning resources

Textbooks

Nil

Online resources

Nil

Equipment, protective clothing and tools

Nil

Faculty/College	Faculty of Science and Engineering
Unit Code	ENGN1005
Unit Title	Planning and Delivering Engineering Projects
SCU Award Category	Undergraduate
Level of Study	Level 1: UGRD Foundational Coursework
Unit Type	UG Coursework Unit
Credit Points	12
Grading Basis	Graded
Field of Education	(039999) Engineering and Related Technologies NEC
Pre-requisites	
Co-requisites	
Anti-requisites	
Enrolment Information	
Enrolment Restriction	

Aim

Applies the concepts of the engineering design process and design philosophy to an authentic engineering problem in a workplace setting. A core aspect of the unit is introducing students to the Engineers Australia (EA) Stage 1 competencies.

Unit learning outcomes

On completion of this unit, students should be able to:

1. plan, deliver and communicate an engineering project simulating a workplace environment
2. apply engineering management tools and techniques to plan and deliver a project
3. practice competently with integrity in alignment Engineers Australia Code of Ethics
4. reflect on and self-assess development of proficiency in the Engineers Australia Stage 1 Competencies for Engineering Associates.

Modules

Module 1: The engineering design process

Module 2: Project planning

Module 3: The Engineers Australia Stage 1 Competencies

Module 4: Engineering management tools

Module 5: Sustainable development

Module 6: The engineering work site

Teaching Methods

Notional student workload

Scheduled hours per study period	Personal hours per study period	Total hours per study period
18	102	120

Work Integrated Learning

Work Experience Type	Hours Per Week	Number of Weeks	Total Hours
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N/A

Rationale

N/A

Teaching Methods

Teaching method	Delivery mode	Duration	Frequency
<i>Lismore, Gold Coast, China - CUT</i>			
Workshop	Online	1 hour	Weekly
Tutorial	On-campus	2 hours	Weekly
<i>Online</i>			
Workshop	Online	1 hour	Weekly
Tutorial	Online	2 hours	Weekly

Assessment

Overview

N	Typ	Academic Integrity	Group/Individual	Length/duration	Weighting	Grading indicator	Week due	Learning outcomes	Cognitive Complexity
<i>Lismore, Gold Coast, Online, China - CUT</i>									
1	Reflective writing	Authentic questions,Based on personal experience,Reflective component,Written responses Turnitin	INDIV	1250 words	40	Graded	3	3,4	3. Synthesis/Evaluation
2	Report	Applies real life situations/scenarios,Assessment task is reviewed/updated before each delivery,Written responses Turnitin	INDIV	1500 words	60	Graded	7	1,2,3,4	3. Synthesis/Evaluation

Additional assessment requirements

N/A

Prescribed learning resources

Textbooks

Nil

Online resources

Nil

Equipment, protective clothing and tools

Nil

Faculty/College	Faculty of Science and Engineering
Unit Code	ENGN2005
Unit Title	Statics of Solids
SCU Award Category	Undergraduate
Level of Study	Level 2: UGRD Discipline-Building Coursework
Unit Type	UG Coursework Unit
Credit Points	12
Grading Basis	Graded
Field of Education	(039999) Engineering and Related Technologies NEC
Pre-requisites	
Co-requisites	
Anti-requisites	
Enrolment Information	You need prior expected knowledge - consult the course progression.
Enrolment Restriction	

Aim

Examines the responses of bodies or systems of bodies at rest and the internal stress-strain response of solids when subjected to loads.

Unit learning outcomes

On completion of this unit, students should be able to:

1. define and calculate load actions and frictional forces acting on bodies in equilibrium
2. apply engineering analysis methods to determine internal forces in simple structures or structural members and draw internal force diagrams
3. define and calculate sectional properties, internal stresses and strains in solid materials
4. analyse the behaviours of structural members under axial load, torsion, bending, shear and combined loadings
5. draw free body diagrams and apply equilibrium equations to determine unknown reaction forces
6. calculate normal and shear stresses on inclined sections, determine principal stresses, maximum shear stresses, and their orientations using stress transformation equations and Mohr's circle.

Modules

Module 1: Introduction to engineering mechanics

Module 2: Sectional properties, internal forces, stresses and strains and friction

Module 3: Structural analysis of simple structures

Module 4: Axial loads, buckling and torsion

Module 5: Bending, shear and combined loadings

Module 6: Stress and strain transformation and deflection of beams

Teaching Methods

Notional student workload

Scheduled hours per study period	Personal hours per study period	Total hours per study period
18	132	150

Work Integrated Learning

Work Experience Type	Hours Per Week	Number of Weeks	Total Hours
N/A			

Rationale

N/A

Teaching Methods

Teaching method	Delivery mode	Duration	Frequency
<i>Lismore, Gold Coast, China - CUT</i>			
Workshop	Online	1 hour	Weekly
Tutorial	On-campus	2 hours	Weekly
<i>Online</i>			
Workshop	Online	1 hour	Weekly
Tutorial	Online	2 hours	Weekly

Assessment

Overview

No	Type	Academic Integrity	Group/Individual	Length/duration	Weighting	Grading indicator	Week due	Learning outcomes	Cognitive Complexity
<i>Lismore, Gold Coast, Online, China - CUT</i>									
1	Report or task	Applies real life situations/scenarios, Assessment task is reviewed /updated before each delivery, Written responses Turnitin	INDIV	1500 words or equivalent	25	Graded	3	1,3,5	3. Synthesis/Evaluation
2	Quiz	Applies real life situations/scenarios, Authentic questions, Turnitin	INDIV	60 minutes	15	Graded	6	2,3,4	1. Knowledge/Comprehension

No	Type	Academic Integrity	Group/Individual	Length/duration	Weighting	Grading indicator	Week due	Learning outcomes	Cognitive Complexity
		me limits, Use randomised question							
3	R	Applies real life situations/scenarios, Assessment task is reviewed/updated before each delivery, Written responses Turnitin	Individual	1800 words or equivalent	60	Graded	7	1,2,3,4,5,6	3. Synthesis/Evaluation

Additional assessment requirements

N/A

Prescribed learning resources

Textbooks

Nil

Online resources

Nil

Equipment, protective clothing and tools

Nil

Faculty/College	Faculty of Science and Engineering
Unit Code	ENVR2002
Unit Title	Wildlife Conservation
SCU Award Category	Undergraduate
Level of Study	Level 2: UGRD Discipline-Building Coursework
Unit Type	UG Coursework Unit
Credit Points	12
Grading Basis	Graded
Field of Education	(059999) Agriculture, Environmental and Related Studies NEC
Pre-requisites	
Co-requisites	
Anti-requisites	
Enrolment Information	A compulsory 3-day field camp for Online and On-campus students is conducted during which most of the practical work is done.
Enrolment Restriction	

Aim

Introduces the theory and practice of wildlife conservation using an authentic learning approach. This includes a hands-on approach to learning the techniques used to collect basic data for wildlife management and conservation. Emphasis will be placed on developing the skills required to communicate the results of research projects that investigate conservation issues.

Unit learning outcomes

On completion of this unit, students should be able to:

1. describe correct ethical approaches to vertebrate wildlife survey
2. apply the skills to design and conduct a wildlife survey
3. explain key ecological principles related to wildlife conservation
4. analyse and synthesise wildlife field data.

Modules

1. Introduction to wildlife conservation and animal ethics.
2. Designing wildlife surveys.
3. Threatening factors and habitat fragmentation
4. Population ecology and population viability analysis.
5. Wildlife conservation genetics.
6. Animal movement and climate change.

Teaching Methods

Notional student workload

Scheduled hours per study period	Personal hours per study period	Total hours per study period
18	132	150

Work Integrated Learning

Work Experience Type	Hours Per Week	Number of Weeks	Total Hours
N/A			

Rationale

N/A

Teaching Methods

Teaching method	Delivery mode	Duration	Frequency
<i>Lismore, Online</i>			
Residential	Off-campus	3 days	Once

Assessment

Overview

N o	Type	Academic Integrity	Group/Individual	Length/duration	Weighting	Grading indicator	Week due	Learning outcomes	Cognitive Complexity
<i>Lismore, Online</i>									
1	Proposal	Applies real life situations/scenarios,Authentic questions	INDIV	1000 words	40	Graded	3	1,2	2. Application/Analysis
2	Poster	Applies real life situations/scenarios,Individualised,Reflective component	INDIV	9 power point slides/800 words	60	Graded	6	1,2,3,4	3. Synthesis/Evaluation

Additional assessment requirements

1. Students must participate in a residential that includes a detailed field survey to be eligible for a passing grade.

Prescribed learning resources

Textbooks

Nil

Online resources

Nil

Equipment, protective clothing and tools

Nil

Faculty/College	Faculty of Science and Engineering
Unit Code	ENVR2012
Unit Title	Geographic Information Systems
SCU Award Category	Undergraduate
Level of Study	Level 2: UGRD Discipline-Building Coursework
Unit Type	UG Coursework Unit
Credit Points	12
Grading Basis	Graded
Field of Education	(059999) Agriculture, Environmental and Related Studies NEC
Pre-requisites	
Co-requisites	
Anti-requisites	GENG1003 Introduction to Geographic Information Systems
Enrolment Information	This unit requires software that is only compatible with Windows (W10 and newer).
Enrolment Restriction	

Aim

This unit introduces students to geographic information systems (GIS) and how GIS can be used to solve a simple spatial problem in environmental science. Students will use location data from a global positioning system (GPS) and other field data. They will integrate these data into a geodatabase via Excel. They will gather relevant existing spatial data and create a Story Map and Infographic that conveys a clear message to the general public.

Unit learning outcomes

On completion of this unit, students should be able to:

1. incorporate spatial and non-spatial data into a GIS
2. explain coordinate systems and quality control of spatial and non-spatial data
3. use a GIS to solve spatial problems and produce a professional map
4. communicate spatial data concepts to a wide audience using online GIS platforms.

Modules

1. Understanding Spatial and Non-Spatial Data in GIS
2. Mastering Coordinate Systems: Projections and Datums
3. Ensuring Data Quality: Detecting and Repairing Data Issues
4. Integrating Spreadsheets with Your GIS Workflow
5. Creating Professional Maps with Confidence
6. Presenting Your Findings: Story Maps and Infographics

Teaching Methods

Notional student workload

Scheduled hours per study period	Personal hours per study period	Total hours per study period
18	132	150

Work Integrated Learning

Work Experience Type	Hours Per Week	Number of Weeks	Total Hours
N/A			

Rationale

N/A

Teaching Methods

Teaching method	Delivery mode	Duration	Frequency
<i>Lismore, National Marine Science Centre Coffs Harbour</i>			
Workshop	Online	1 hour	Weekly
Tutorial	On-campus	2 hours	Weekly
<i>Online</i>			
Workshop	Online	1 hour	Weekly
Tutorial	Online	2 hours	Weekly

Assessment

Overview

No	Type	Academic Integrity	Grading	Length / duration	Value	Weight	Week due	Learning outcomes	Cognitive Complexity
<i>Lismore, National Marine Science Centre Coffs Harbour, Online</i>									
1	Quiz	Applies real life situations/scenarios, Authentic questions, Time limits, Use randomised question	IN DI V	30 min	10	30	3	1,2	1. Knowledge/Comprehension
2	Map	Applies real life situations/scenarios, Assessment task is reviewed/updated before each	IN DI V	1 hr	30	30	5	1,2,3	3. Synthesis/Evaluation

No	Type	Academic Integrity	Grading /duration	Length /duration	Value /weight	Week due	Learning outcomes	Cognitive Complexity
		delivery,Based on personal experience						
3	Infographic	Applies real life situations/scenarios, Authentic questions,Based on personal experience,Reflective component	Individually	800 words and at least two maps	6 G 0 r a d e d	7	1,2,3,4	2. Application/Analysis

Additional assessment requirements

N/A

Prescribed learning resources

Textbooks

Nil

Online resources

This unit requires the use of ArcGIS Pro, which is only compatible with Windows 10 or newer and does not run on Mac computers. Students can install the software for free under an SCU licence. Mac users can access ArcGIS Pro via a remote desktop connection to a university computer (which lets you control a university computer from home). This requires a stable broadband internet connection. Note: Chromebooks and Linux devices are not compatible with ArcGIS Pro or remote desktop connections. Students who cannot run ArcGIS Pro on their own device can access on-campus computers, where the software is installed

Equipment, protective clothing and tools

Students must have stable internet connection and access to Windows 10 or higher.

Faculty/College	Faculty of Science and Engineering
Unit Code	ENVR3010
Unit Title	Economics for Environmental Sustainability
SCU Award Category	Undergraduate
Level of Study	Level 3: UGRD Integrated Coursework
Unit Type	UG Coursework Unit
Credit Points	12
Grading Basis	Graded
Field of Education	(059999) Agriculture, Environmental and Related Studies NEC
Pre-requisites	
Co-requisites	
Anti-requisites	ENVR2011 Ecological Economics
Enrolment Information	
Enrolment Restriction	

Aim

This unit explores the nature of economics as relevant to ecology, ecosystem management and sustainable development. Drawing from a range of economic concepts and methods, the unit investigates traditional and contemporary perspectives used to articulate the relationship between environment and economy. This unit engages with topical issues such as climate change, biodiversity loss, natural capital accounting and applies economic rationale to current environmental challenges.

Unit learning outcomes

On completion of this unit, students should be able to:

1. employ economic theory and concepts to describe the interactions between the environment and the economy
2. assess the role of economics in environmental policy design and evaluation
3. evaluate the difference between environmental economics and ecological economics, and the implications of these differences for sustainable development
4. argue for the application of natural capital accounting in environmental planning and policy development.

Modules

Module 1. Foundations of environmental and resource economics

Module 2. Market failures and government interventions

Module 3. Economic valuation for resource allocation decisions

Module 4. The ecological economic perspective

Module 5. The accounting framework and ecosystem services

Module 6. Ecosystems and natural capital accounting

Teaching Methods

Notional student workload

Scheduled hours per study period	Personal hours per study period	Total hours per study period
18	132	150

Work Integrated Learning

Work Experience Type	Hours Per Week	Number of Weeks	Total Hours
N/A			

Rationale

N/A

Teaching Methods

Teaching method	Delivery mode	Duration	Frequency
<i>Lismore, National Marine Science Centre Coffs Harbour</i>			
Workshop	Online	1 hour	Weekly
Tutorial	On-campus	2 hours	Weekly
<i>Online</i>			
Workshop	Online	1 hour	Weekly
Tutorial	Online	2 hours	Weekly

Assessment

Overview

No	Type	Academic Integrity	Group/Individual	Length/duration	Weighting	Grading indicator	Week due
<i>Lismore, National Marine Science Centre Coffs Harbour, Online</i>							
1	Portfolio	Assessment task is reviewed/updated before each delivery,Authentic questions,Reflective component,Written responses Turnitin	INDIV	1500 words	50	Graded	4

No	Type	Academic Integrity	Group/Individual	Length/duration	Weighting	Grading indicator	Week due
2	Presentation	Applies real life situations/scenarios,Authentic questions,Written responses Turnitin	INDIV	8 minutes	50	Graded	7

Additional assessment requirements

N/A

Prescribed learning resources

Textbooks

Nil

Online resources

Access to Blackboard materials and library resources

Equipment, protective clothing and tools

Nil

Faculty/College	Faculty of Science and Engineering
Unit Code	ERTH2004
Unit Title	Career Development and Professional Practice
SCU Award Category	Undergraduate
Level of Study	Level 2: UGRD Discipline-Building Coursework
Unit Type	UG Coursework Unit
Credit Points	12
Grading Basis	Graded
Field of Education	(010799) Earth Sciences not elsewhere classified
Pre-requisites	
Co-requisites	
Anti-requisites	BUSN2001 Professional Development for the Workplace
Enrolment Information	
Enrolment Restriction	

Aim

A career development unit designed to enhance professional practice in the Sciences and Engineering. Explore career potential, research career options, apply design thinking and develop essential career management skills to navigate the changing world of work.

Unit learning outcomes

On completion of this unit, students should be able to:

1. articulate professional identity, skills and strengths for career development and professional practice
2. analyse the changing nature of work, emerging trends and career opportunities
3. design a career plan to optimise professional development
4. evaluate and reflect on networking and ethical approaches for professional practice.

Modules

1. A systems approach to professional identity
2. Researching opportunities
3. Design your life
4. Developing a professional portfolio
5. Professionalism in the workplace
6. Connecting with industry

Teaching Methods

Notional student workload

Scheduled hours per study period	Personal hours per study period	Total hours per study period
18	132	150

Work Integrated Learning

Work Experience Type	Hours Per Week	Number of Weeks	Total Hours
N/A			

Rationale

N/A

Teaching Methods

Teaching method	Delivery mode	Duration	Frequency
<i>Online, National Marine Science Centre Coffs Harbour</i>			
Workshop	Online	1 hour	Weekly
Tutorial	Online	2 hours	Weekly
<i>Gold Coast, Lismore, SCU Sydney, Perth, SCU Melbourne, China - GXUST, PNG - IBSU, Sydney, Melbourne, Brisbane</i>			
Workshop	Online	1 hour	Weekly
Tutorial	On-campus	2 hours	Weekly

Assessment

Overview

N	Type	Academic Integrity	Group/Individual	Length/duration	Weighting	Grading indicator	Week due	Learning outcomes	Cognitive Complexity
<i>Online, Gold Coast, Lismore, SCU Sydney, Perth, SCU Melbourne, China - GXUST, PNG - IBSU, Sydney, Melbourne, Brisbane, National Marine Science Centre Coffs Harbour</i>									
1	Portfolio	Based on personal experience, Reflective component	INDIV	1200 words	45	Graded	4	1,2,3	3. Synthesis/Evaluation
2	Portfolio	Applies real life situations/scenarios, Based on personal experience, Reflective component	INDIV	1500 words	55	Graded	7	1,2,4	3. Synthesis/Evaluation

Additional assessment requirements

N/A

Prescribed learning resources

Textbooks

Nil

Online resources

Nil

Equipment, protective clothing and tools

Nil

Faculty/College	Faculty of Science and Engineering
Unit Code	ERTH2005
Unit Title	Landscape Processes
SCU Award Category	Undergraduate
Level of Study	Level 2: UGRD Discipline-Building Coursework
Unit Type	UG Coursework Unit
Credit Points	12
Grading Basis	Graded
Field of Education	(010799) Earth Sciences not elsewhere classified
Pre-requisites	
Co-requisites	
Anti-requisites	
Enrolment Information	
Enrolment Restriction	

Aim

Landscape Processes is an interdisciplinary unit that explores key geomorphic and hydrologic processes that shape the Earth's surface. By examining these processes and their driving mechanisms, the forces that give rise to diverse landforms and ecosystems are revealed. Students will gain insight into how landscapes evolve over time, the role of climate in driving landscape and environmental change, and the interconnectedness of surface and subsurface processes. This unit prepares students to critically evaluate landscapes and engage in sustainable management practices for land and water resources.

Unit learning outcomes

On completion of this unit, students should be able to:

1. analyse and evaluate key processes that shape and form terrestrial and coastal landscape
2. identify key landscape physical features and critically evaluate their modes of formation
3. understand core principles of surface and groundwater behaviour and critically evaluate management techniques
4. apply quantitative approaches for measuring and assessing surface and groundwater dynamics.

Modules

Module 1: Introduction into Geomorphology

Module 2: Applied Geomorphology

Module 3: Environmental Change: Past, Present and Future

Module 4: Landscape Development I

Module 5: Landscape Development II

Module 6: Natural Hazards

Teaching Methods

Notional student workload

Scheduled hours per study period	Personal hours per study period	Total hours per study period
18	132	150

Work Integrated Learning

Work Experience Type	Hours Per Week	Number of Weeks	Total Hours
N/A			

Rationale

N/A

Teaching Methods

Teaching method	Delivery mode	Duration	Frequency
<i>Lismore, National Marine Science Centre Coffs Harbour</i>			
Workshop	Online	1 hour	Weekly
Tutorial	On-campus	2 hours	Weekly
<i>Online</i>			
Workshop	Online	1 hour	Weekly
Tutorial	Online	2 hours	Weekly

Assessment

Overview

N	Type	Academic Integrity	Group/Individual	Length/duration	Weighting	Grading indicator	Week due	Learning outcomes	Cognitive Complexity
<i>Lismore, National Marine Science Centre Coffs Harbour, Online</i>									
1	Casestudy	Applies real life situations/scenarios, Individualised, Written responses Turnitin	INDIV	1800 words	50	Graded	4	1,2	2. Application/Analysis
2	Viva voce	Authentic questions, Individualised	INDIV	10 minutes	50	Graded	7	1,2,3,4	3. Synthesis/Evaluation

Additional assessment requirements

N/A

Prescribed learning resources

Textbooks

Nil

Online resources

Access to Blackboard materials and library resources

Equipment, protective clothing and tools

Nil

Faculty/College	Faculty of Business, Law and Arts
Unit Code	HOSP2001
Unit Title	Event Planning
SCU Award Category	Undergraduate
Level of Study	Level 2: UGRD Discipline-Building Coursework
Unit Type	UG Coursework Unit
Credit Points	12
Grading Basis	Graded
Field of Education	(080319) Hospitality Management
Pre-requisites	
Co-requisites	
Anti-requisites	
Enrolment Information	
Enrolment Restriction	

Aim

Develops the knowledge and skills required to plan successful events. Students will follow a project-based learning approach, using best practice event planning criteria.

Unit learning outcomes

On completion of this unit, students should be able to:

1. describe the unique qualities of events and their audiences
2. examine the range of organisations and stakeholders involved in event planning
3. appraise the planning and evaluation strategies of successful events.

Modules

Module1: Events in a modern world

Module 2: The 5Ws and stakeholder theory

Module 3: Creating, managing and running events

Module 4: Inside the planning process

Module 5: Where is my audience?

Module 6: How did we do? Assessing success through evaluation

Teaching Methods

Notional student workload

Scheduled hours per study period	Personal hours per study period	Total hours per study period
18	132	150

Work Integrated Learning

Work Experience Type	Hours Per Week	Number of Weeks	Total Hours
N/A			

Rationale

N/A

Teaching Methods

Teaching method	Delivery mode	Duration	Frequency
<i>Online</i>			
Workshop	Online	1 hour	Weekly
Tutorial	Online	2 hours	Weekly
<i>Gold Coast</i>			
Workshop	Online	1 hour	Weekly
Tutorial	On-campus	2 hours	Weekly

Assessment

Overview

No	Type	Academic Integrity	Group/Individual	Length/duration	Weighting	Grading indicator	Week due	Learning outcomes	Cognitive Complexity
<i>Online, Gold Coast</i>									
1	Quiz		INDIV	1 hour	10	Graded	2	1,2	
2	Project		INDIV	500 words	30	Graded	4	1,2	
3	Proposal		INDIV	10 minutes	60	Graded	6	2,3	

Additional assessment requirements

N/A

Prescribed learning resources

Textbooks

Nil

Online resources

Nil

Equipment, protective clothing and tools

Nil

Faculty/College	Faculty of Business, Law and Arts
Unit Code	HRMT2002
Unit Title	Organisational Stakeholder Management
SCU Award Category	Undergraduate
Level of Study	Level 2: UGRD Discipline-Building Coursework
Unit Type	UG Coursework Unit
Credit Points	12
Grading Basis	Graded
Field of Education	(080303) Human Resource Management
Pre-requisites	
Co-requisites	
Anti-requisites	
Enrolment Information	
Enrolment Restriction	

Aim

Develops students' understanding of the building blocks of effective stakeholder management - an understanding that is imperative for developing effective relationships with suppliers, shareholders, clients and other stakeholders.

Unit learning outcomes

On completion of this unit, students should be able to:

1. apply current theories of stakeholder management to define the term "stakeholder" and to reflect on how current theories of stakeholder management can be applied in the workplace
2. draw on the theories around communication, motivation and commitment to identify key internal and external stakeholders in different business and/or community disputes and the factors motivating and affecting them
3. apply theories of conflict management to manage different stakeholders.

Modules

Module 1: What is a stakeholder?

Module 2: Stakeholder theory

Module 3: Stakeholder motivation

Module 4: Stakeholder behaviour

Module 5: Conflict resolution

Module 6: Communication and negotiation

Teaching Methods

Notional student workload

Scheduled hours per study period	Personal hours per study period	Total hours per study period
18	132	150

Work Integrated Learning

Work Experience Type	Hours Per Week	Number of Weeks	Total Hours
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N/A

Rationale

N/A

Teaching Methods

Teaching method	Delivery mode	Duration	Frequency
<i>Gold Coast, PNG - IBSU, Brisbane, Melbourne, Sydney, Sri Lanka, PERTH</i>			
Workshop	Online	1 hour	Weekly
Tutorial	On-campus	2 hours	Weekly
<i>Online</i>			
Workshop	Online	1 hour	Weekly
Tutorial	Online	2 hours	Weekly

Assessment

Overview

N	Type	Academic Integrity	Group/Individual	Length/duration	Weighting	Grading indicator	Week due	Learning outcomes	Cognitive Complexity
<i>Gold Coast, Online, PNG - IBSU, Brisbane, Melbourne, Sydney, Sri Lanka, PERTH</i>									
1	Discussion board	Applies real life situations/scenarios, Assessment task is reviewed/updated before each delivery, Authentic questions, Based on personal experience, Individualised, Reflective component, Written responses Turnitin	INDIV	Six weekly postings - 150 words per posting	30	Graded	Weekly	1,2,3	1. Knowledge/Comprehension
2	Presentation	Applies real life situations/scenarios, Assessment task is reviewed/updated before each delivery, Authentic questions, Individualised, Time limits	INDIV	10 minutes	20	Graded	4	1	2. Application/Analysis
3	Report	Applies real life situations/scenarios, Assessment task is reviewed/updated before each delivery, Authentic questions, Individualised, Written responses Turnitin	INDIV	1500 words	50	Graded	7	2,3	2. Application/Analysis

Additional assessment requirements

N/A

Prescribed learning resources

Textbooks

Nil

Online resources

Nil

Equipment, protective clothing and tools

Nil

Faculty/College	Gnibi College of Indigenous Australian Peoples
Unit Code	INDG1001
Unit Title	Indigenous World-Views
SCU Award Category	Undergraduate
Level of Study	Level 1: UGRD Foundational Coursework
Unit Type	UG Coursework Unit
Credit Points	12
Grading Basis	Graded
Field of Education	(090311) Indigenous Studies
Pre-requisites	
Co-requisites	
Anti-requisites	
Enrolment Information	
Enrolment Restriction	

Aim

Increases awareness of Aboriginal and other Indigenous peoples' beliefs, understandings, histories, ways of living and social commitments whilst raising understanding of matters relevant to a shared Australian history and valued future for both Indigenous and non-Indigenous peoples.

Unit learning outcomes

On completion of this unit, students should be able to:

1. describe and compare key elements of Indigenous Australian worldviews, philosophies, and lore/law, including contemporary and traditional expressions
2. apply foundational principles of cultural safety to identify culturally safe and unsafe practices within an Indigenous Australian context
3. describe Indigenous Australian notions of wellbeing, ways of being in the world and Indigenous knowledge systems

Modules

Module 1: Indigenous Worldviews and Cultural Competency

Module 2: Indigenous Philosophies and Worldviews

Module 3: Indigenous Spirituality

Module 4: Social and Emotional Wellbeing

Module 5: Kinship, Relatedness and Caring for Country

Module 6: Communication and Narratives

Teaching Methods

Notional student workload

Scheduled hours per study period	Personal hours per study period	Total hours per study period
18	132	150

Work Integrated Learning

Work Experience Type	Hours Per Week	Number of Weeks	Total Hours
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N/A

Rationale

N/A

Teaching Methods

Teaching method	Delivery mode	Duration	Frequency
<i>Lismore, Gold Coast</i>			
Workshop	Online	1 hour	Weekly
Tutorial	On-campus	2 hours	Weekly
<i>Online</i>			
Workshop	Online	1 hour	Weekly
Tutorial	Online	2 hours	Weekly

Assessment

Overview

No	Type	Acad emic Integ rity	Group/Individu al	Length/durati on	Weig hting	Grading indicator	Wee k due	Learning outcomes	Cognitive Complexity
<i>Lismore, Gold Coast, Online</i>									
1	Short written response		INDIV	1000 words (2 x 500 words)	40	Graded	3	1,3	
2	Journal		INDIV	1500 words (6 x 250 word entries)	60	Graded	7	1,2	

Additional assessment requirements

N/A

Prescribed learning resources

Textbooks

Nil

Online resources

Nil

Equipment, protective clothing and tools

Nil

Faculty/College	Gnibi College of Indigenous Australian Peoples
Unit Code	INDG2001
Unit Title	Health and Indigenous Australian Peoples
SCU Award Category	Undergraduate
Level of Study	Level 2: UGRD Discipline-Building Coursework
Unit Type	UG Coursework Unit
Credit Points	12
Grading Basis	Graded
Field of Education	(061305) Indigenous Health
Pre-requisites	
Co-requisites	
Anti-requisites	
Enrolment Information	
Enrolment Restriction	

Aim

Examines the conflicts between Indigenous healing practices and the mainstream health industry. The concepts of Indigenous wellbeing, spiritual integrity and community cohesion are explored, and the impact of colonisation on the health status of Indigenous peoples is analysed from historic and contemporary points of view. Aims to provide students with understanding and awareness of the socio-economic issues and cultural sensitivities required for delivery of effective and appropriate care by health workers and allied personnel.

Unit learning outcomes

On completion of this unit, students should be able to:

1. discuss key concepts of health and wellbeing as determined by Aboriginal people
2. identify key stages of the colonisation process and its relationship to the contemporary health status of Australian Indigenous people
3. analyse the relationship between socioeconomic factors and the contemporary health status of Australian Indigenous people
4. explain how primary health care, health promotion and health professionals enhances the wellbeing of Indigenous people

Modules

1. Creating Change and Models of Health
2. From Colonisation to Decolonisation
3. The Contemporary Health Status of Indigenous Peoples
4. Cultural Safety
5. Wellbeing in Practice
6. Working Together, Reflecting on Your Role

Teaching Methods

Notional student workload

Scheduled hours per study period	Personal hours per study period	Total hours per study period
18	132	150

Work Integrated Learning

Work Experience Type	Hours Per Week	Number of Weeks	Total Hours
N/A			

Rationale

N/A

Teaching Methods

Teaching method	Delivery mode	Duration	Frequency
<i>Gold Coast, Lismore</i>			
Workshop	Online	1 hour	Weekly
Tutorial	On-campus	2 hours	Weekly
<i>Online</i>			
Workshop	Online	1 hour	Weekly
Tutorial	Online	2 hours	Weekly

Assessment

Overview

No	Type	Academic Integrity	Group /Individual	Length/duration	Weighting	Grading indicator	Week due	Learning outcomes	Cognitive Complexity
<i>Gold Coast, Lismore, Online</i>									
1	Reflective writing	Applies real life situations/scenarios, Assessment task is reviewed/updated before each delivery, Authentic questions, Based on personal experience, Individualised, Reflective component, Time limits, Written	INDIV	800 words	40	Graded	3	1,2	1. Knowledge/Comprehension

N o	Typ e	Academic Integrity	Group /Indivi dual	Length/duratio n	Weightin g	Grading indicato r	Wee k due	Learning outcomes	Cognitive Complexity
		response s Turnitin							
2	Reflecti ve writing	Applies real life situations/scenari os,Assessment task is reviewed/update d before each delivery,Authenti c questions,Based on personal experience,Indivi dualised,Reflectiv e component,Time limits,Written responses Turnitin	I N D I V	1500 words	60	Graded	6	1,2,3,4	2. Application/Analysis

Additional assessment requirements

N/A

Prescribed learning resources

Textbooks

Nil

Online resources

Nil

Equipment, protective clothing and tools

Nil

Faculty/College	Faculty of Science and Engineering
Unit Code	INFO1001
Unit Title	Essentials of Information and Communication Technology
SCU Award Category	Undergraduate
Level of Study	Level 1: UGRD Foundational Coursework
Unit Type	UG Coursework Unit
Credit Points	12
Grading Basis	Graded
Field of Education	(029999) Information Technology not elsewhere classified
Pre-requisites	
Co-requisites	
Anti-requisites	
Enrolment Information	
Enrolment Restriction	

Aim

This unit focuses on fundamental programming skills essential for effective problem-solving. Students will learn basic programming syntax, including variables, data types, and control structures, while also mastering debugging techniques to resolve errors. They will apply these foundational concepts to solve computational problems and design, implement, and test practical programs. Through hands-on activities, students will develop proficiency in programming and problem-solving strategies.

Unit learning outcomes

On completion of this unit, students should be able to:

1. explain theoretical basic programming fundamentals
2. apply practical programming skills to solve engineering problems
3. apply fundamental programming concepts to solve basic computational problems
4. design, implement, and test simple programs to solve practical problems
5. develop programming skills to solve diverse engineering problems in data handling, image processing, machine learning, and artificial intelligence
6. communicating engineering solutions using a widely recognized programming language.ç

Modules

Module 1: Introduction to programming basics

Module 2: Control structures and modularisation

Module 3: Basic data structures

Module 4: Input and output

Module 5: Data analysis and visualisation

Module 6: Computational errors and efficiency

Teaching Methods

Notional student workload

Scheduled hours per study period	Personal hours per study period	Total hours per study period
18	132	150

Work Integrated Learning

Work Experience Type	Hours Per Week	Number of Weeks	Total Hours
N/A			

Rationale

N/A

Teaching Methods

Teaching method	Delivery mode	Duration	Frequency
<i>Lismore, Gold Coast, China - CUT</i>			
Workshop	Online	1 hour	Weekly
Tutorial	On-campus	2 hours	Weekly
<i>Online</i>			
Workshop	Online	1 hour	Weekly
Tutorial	Online	2 hours	Weekly

Assessment

Overview

No	Type	Academic Integrity	Group/Individual	Length/duration	Weighting	Grading indicator	Week due	Learning outcomes	Cognitive Com
<i>Lismore, Gold Coast, Online, China - CUT</i>									
1	Report	Applies real life situations/sce narios,Assess ment task is reviewed/upd ated before each delivery,Writt en responses Turnitin	INDIV	1000 words or equivalent	40	Graded	3	1,2,3,5	3. Synthesis/Ev
2	Case study	Applies real life situations/scenarios	INDIV	1500 words or equivalent	60	Graded	7	1,2,4,6	2. Application/

Additional assessment requirements

N/A

Prescribed learning resources

Textbooks

Nil

Online resources

Nil

Equipment, protective clothing and tools

Nil

Faculty/College	Faculty of Business, Law and Arts
Unit Code	LEGL1003
Unit Title	Introduction to Business Law
SCU Award Category	Undergraduate
Level of Study	Level 1: UGRD Foundational Coursework
Unit Type	UG Coursework Unit
Credit Points	12
Grading Basis	Graded
Field of Education	(091103) Legal Studies
Pre-requisites	
Co-requisites	
Anti-requisites	
Enrolment Information	
Enrolment Restriction	

Aim

Students are introduced to the Australian legal system. Students also gain an understanding of several key areas of law relating to business and commerce including tort law (negligence and misrepresentation) and business structures. Because contracts and consumer rights underpin business and commerce, students focus on the law of contract and related statutes such as the Australian Consumer Law.

Unit learning outcomes

On completion of this unit, students should be able to:

1. describe Australia's system of government and how it impacts business decision-making
2. explain relevant statute and common law in relation to defective products and misrepresentations in business and commerce
3. explain the key principles of contract law and the influence of consumer protection legislation
4. describe the law regarding sole traders, partnerships and companies

Modules

Module 1: The Australian legal system

Module 2: Harm caused by negligence or defective products

Module 3: Contract Law - formation

Module 4: Contract Law - contents and genuine consent

Module 5: Contract Law - remedies and statutory regulation

Module 6: Business organisations

Teaching Methods

Notional student workload

Scheduled hours per study period	Personal hours per study period	Total hours per study period
18	132	150

Work Integrated Learning

Work Experience Type	Hours Per Week	Number of Weeks	Total Hours
N/A			

Rationale

N/A

Teaching Methods

Teaching method	Delivery mode	Duration	Frequency
<i>Gold Coast, Brisbane, Melbourne, Sydney, Lismore, PERTH</i>			
Workshop	Online	1 hour	Weekly
Tutorial	On-campus	2 hours	Weekly
<i>Online</i>			
Workshop	Online	1 hour	Weekly
Tutorial	Online	2 hours	Weekly
<i>China - TUST</i>			
Residential	On-campus	-	-

Assessment

Overview

No	Type	Academic Integrity	Group/Individual	Length/duration	Weighting	Grading indicator	Week due	Learning outcomes
<i>Gold Coast, Online, Brisbane, Melbourne, Sydney, Lismore, PERTH</i>								
1	Participation	Individualised, Reflective component	INDIV	Over 5 weeks	10	Graded	5	1,2,3,4
2	Fact Scenario Analysis	Applies real life situations/scenarios	INDIV	1500 words	40	Graded	4	2,3
3	Exam: Proctored, Online	Applies real life situations/scenarios, Time limits	INDIV	210 minutes (incl. 30 minutes perusal/upload)	50	Graded	7	3,4
<i>China - TUST</i>								
1	Participation	Individualised, Reflective component	INDIV	Over 10 weeks	10	Graded	10	1,2,3,4
2	Fact Scenario Analysis	Applies real life situations/scenarios	INDIV	1500 words	40	Graded	8	2,3
3	Exam: Proctored, Online	Applies real life situations/scenarios, Time limits	INDIV	210 minutes (incl. 30 minutes perusal/upload)	50	Graded	14	3,4

Additional assessment requirements

N/A

Prescribed learning resources

Textbooks

Coleman, A et al, 2020, Law in Commerce, 7th edn, LexisNexis, Chatswood, NSW, 9780409351811

Online resources

Students need access to a computer with a webcam and reliable internet connection to verify their identity before attempting the proctored, online exam in this unit. (This does not apply to TUST (Tianjin) students.)

Equipment, protective clothing and tools

Nil

Faculty/College	Faculty of Science and Engineering
Unit Code	MATH2003
Unit Title	Calculus and Linear Algebra I
SCU Award Category	Undergraduate
Level of Study	Level 2: UGRD Discipline-Building Coursework
Unit Type	UG Coursework Unit
Credit Points	12
Grading Basis	Graded
Field of Education	(010101) Mathematics
Pre-requisites	MATH1005 Introductory Algebra and Calculus
Co-requisites	
Anti-requisites	
Enrolment Information	
Enrolment Restriction	

Aim

Develops mathematical skills in the areas of Calculus and Linear Algebra, with topics including vectors, matrices, differentiation and integration. The emphasis in the unit is on developing further skills in Calculus and skills in Linear Algebra within an applied context, applying these to a range of applications.

Unit learning outcomes

On completion of this unit, students should be able to:

1. use further calculus techniques for differentiation and integration and the concepts of differential equations
2. formulate linear algebra concepts and techniques for matrices and vectors
3. apply mathematical techniques in Calculus and Linear Algebra to solve application-based problems
4. explain mathematical ideas, processes and results effectively

Modules

1. Differentiation
2. Rules of integration
3. Applications of integration
4. Matrices
5. Eigenvalues and Eigenvectors
6. Vectors

Teaching Methods

Notional student workload

Scheduled hours per study period	Personal hours per study period	Total hours per study period
18	132	150

Work Integrated Learning

Work Experience Type	Hours Per Week	Number of Weeks	Total Hours
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N/A

Rationale

N/A

Teaching Methods

Teaching method	Delivery mode	Duration	Frequency
<i>Lismore, Gold Coast, China - CUT</i>			
Workshop	Online	1 hour	Weekly
Tutorial	On-campus	2 hours	Weekly
<i>Online</i>			
Workshop	Online	1 hour	Weekly
Tutorial	Online	2 hours	Weekly

Assessment

Overview

No	Type	Acad emic Integ rity	Group/Individual	Length/duration	Weighting	Grading indicator	W e k d u e	Learning outcomes	Cognitive Complexity
<i>Lismore, Online, Gold Coast, China - CUT</i>									
1	Rep ort	Applies real life situations /scenario s,Assessm ent task is reviewed/ updated before each delivery, Written responses Turnitin	INDIV	1250 words or equivalent	25	Graded	3	1,3,4	3. Synthesis/Evaluation
2	Rep ort	Applies real life situations /scenario s,Assessm ent task is reviewed/ updated before each delivery, Written	INDIV	1250 words or equivalent	25	Graded	5	2,3,4	3. Synthesis/Evaluation

Faculty/College	Faculty of Science and Engineering
Unit Code	MATH3003
Unit Title	Computational Analysis
SCU Award Category	Undergraduate
Level of Study	Level 3: UGRD Integrated Coursework
Unit Type	UG Coursework Unit
Credit Points	12
Grading Basis	Graded
Field of Education	(010101) Mathematics
Pre-requisites	MATH2003 Calculus and Linear Algebra I
Co-requisites	
Anti-requisites	
Enrolment Information	
Enrolment Restriction	

Aim

This unit introduces students to essential data management skills for statistical analyses and computational methods for problem-solving. Students will learn how to effectively manage data for basic statistical analyses and apply computational techniques using computer applications. They will gain proficiency in implementing numerical algorithms to solve problems such as linear and nonlinear equations, numerical differentiation, and integration. Additionally, students will develop the ability to formulate and solve mathematical problems, critically evaluating the results obtained.

Unit learning outcomes

On completion of this unit, students should be able to:

1. formulate and solve mathematical programming and statistical problems and evaluate the results
2. implement numerical algorithms for computing solutions of various problems incorporating numerical differentiation or integration
3. demonstrate the basic statistical analyses including hypothesis tests of the mean, analysis of variance and regression
4. Identify and apply the appropriate method and accurately communicate the results using mathematical and statistical techniques
5. evaluate a real-world problem by formulating a mathematical model demonstrating the model feasibility and its' simulation
6. evaluate a real-world problem by utilising techniques including data-visualisation, measures of location and spread, hypothesis tests of the mean, analysis of variance and regression.

Modules

Module 1: Mathematical programming

Module 2: Further programming techniques

Module 3: Numerical integration and differentiation

Module 4: Introduction to probability

Module 5: Tests of the mean

Module 6: Regression

Teaching Methods

Notional student workload

Scheduled hours per study period	Personal hours per study period	Total hours per study period
18	132	150

Work Integrated Learning

Work Experience Type	Hours Per Week	Number of Weeks	Total Hours
N/A			

Rationale

N/A

Teaching Methods

Teaching method	Delivery mode	Duration	Frequency
<i>Lismore, Gold Coast, China - CUT</i>			
Workshop	Online	1 hour	Weekly
Tutorial	On-campus	2 hours	Weekly
<i>Online</i>			
Workshop	Online	1 hour	Weekly
Tutorial	Online	2 hours	Weekly

Assessment

Overview

N	Type	Academic Integrity	Group/Individual	Length/duration	Weighting	Grading indicator	Week due	Learning outcomes	Cognitive Complexity
<i>Lismore, Online, Gold Coast, China - CUT</i>									
1	Report	Applies real life situations/scenarios, Assessment task is reviewed/updated before each delivery, Written responses Turnitin	INDIV	2000 words or equivalent	50	Grade d	4	1,2,4,5	3. Synthesis/Evaluation
2	Report	Applies real life situations/scenarios, Assessment task is reviewed/updated before each delivery, Written responses Turnitin	INDIV	2000 words or equivalent	50	Grade d	7	1,3,4,6	3. Synthesis/Evaluation

Additional assessment requirements

N/A

Prescribed learning resources

Textbooks

Nil

Online resources

Microsoft Excel will be used extensively throughout the course. You will need access to this software to complete this unit.

Equipment, protective clothing and tools

Nil

Faculty/College	Faculty of Business, Law and Arts
Unit Code	MRKT1002
Unit Title	Marketing and Sales
SCU Award Category	Undergraduate
Level of Study	Level 1: UGRD Foundational Coursework
Unit Type	UG Coursework Unit
Credit Points	12
Grading Basis	Graded
Field of Education	(080599) Sales and Marketing not elsewhere classified
Pre-requisites	
Co-requisites	
Anti-requisites	
Enrolment Information	
Enrolment Restriction	

Aim

Introduces students to modern marketing and sales, emphasising value creation in profit and non-profit organisations. Through project-based learning, students will explore key marketing concepts, planning and analysis, to better understand the impact of marketing and sales on corporate performance.

Unit learning outcomes

On completion of this unit, students should be able to:

1. explain basic marketing and sales principles, concepts and practices across a range of business contexts
2. analyse marketing and sales-related problems
3. apply relevant models/theories to generate strategic and tactical solutions to marketing and sales-related problems.

Modules

1. Foundation Concepts in Marketing and Sales
2. Marketing Information and Research
3. Consumer Behaviour and Target Market Selection
4. 'The Controllables' - The 4Ps
5. Sales and Marketing Alignment
6. Sales and Marketing Integration

Teaching Methods

Notional student workload

Scheduled hours per study period	Personal hours per study period	Total hours per study period
18	132	150

Work Integrated Learning

Work Experience Type	Hours Per Week	Number of Weeks	Total Hours
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N/A

Rationale

N/A

Teaching Methods

Teaching method	Delivery mode	Duration	Frequency
<i>Gold Coast, PNG - IBSU</i>			
Workshop	Online	1 hour	weekly
Tutorial	On-campus	2 hour	weekly
<i>Online</i>			
Workshop	Online	1 hour	weekly
Tutorial	Online	2 hour	weekly
<i>China - TUST</i>			
Residential	On-campus	-	-
<i>Brisbane, Melbourne, Sydney, Sri Lanka</i>			
Workshop	Online	1 hour	Weekly
Tutorial	On-campus	2 hours	Weekly
<i>PERTH</i>			
Workshop	Online	1 hour	Weekly
Tutorial	On-campus	2 hours	Weekly

Assessment

Overview

N	Type	Academic Integrity	Group/Individual	Length/duration	Weighting	Grading indicator	Week due	Learning outcomes	Cognitive Complexity
<i>Gold Coast, Online, PNG - IBSU, Brisbane, Melbourne, Sydney, Sri Lanka, PERTH</i>									
1	Report	Assessment task is reviewed/updated before each delivery,Authentic questions,Individualised ,Written responses Turnitin	INDIV	800 words	40	Graded	3	1	1. Knowledge/Comprehension
2	Report	Assessment task is reviewed/updated before each delivery,Authentic questions,Individualised ,Written responses Turnitin	INDIV	1200 words	60	Graded	7	2,3	2. Application/Analysis

N o	Type	Academic Integrity	Group/Individual	Length/duration	Weighting	Grading indicator	Week due	Learning outcomes	Cognitive Complexity
<i>China - TUST</i>									
1	Report	Assessment task is reviewed/updated before each delivery, Authentic questions, Individualised, Written responses Turnitin	INDIV	800 words	40	Graded	6	1	1. Knowledge/Comprehension
2	Report	Assessment task is reviewed/updated before each delivery, Authentic questions, Individualised, Written responses Turnitin	INDIV	1200 words	60	Graded	12	2,3	2. Application/Analysis

Additional assessment requirements

N/A

Prescribed learning resources

Textbooks

Nil

Online resources

Nil

Equipment, protective clothing and tools

Nil

Faculty/College	Faculty of Business, Law and Arts
Unit Code	MRKT2001
Unit Title	Consumer Behaviour
SCU Award Category	Undergraduate
Level of Study	Level 2: UGRD Discipline-Building Coursework
Unit Type	UG Coursework Unit
Credit Points	12
Grading Basis	Graded
Field of Education	(080505) Marketing
Pre-requisites	
Co-requisites	
Anti-requisites	
Enrolment Information	
Enrolment Restriction	

Aim

Provides a student with knowledge of how consumers make decisions including what is consumed, how this effects our self and social identity, and what this means for marketing practitioners, public policy makers and consumers themselves. Decision making processes frame this unit and these are explained via the lenses of psychology, sociology and business theory.

Unit learning outcomes

On completion of this unit, students should be able to:

1. evaluate consumer behaviour and consumption theory in terms of marketing and consumption situations
2. analyse the principles and concepts of consumer behaviour and consumption theory and apply them to practitioner, public policy maker and consumption settings
3. explain the relationship between consumer behaviour and consumption theory, and marketing practice
4. research the behaviour of consumers and apply findings to marketing practice.

Modules

Module 1: Foundations of consumer behaviour and research

Module 2: Consumer Decision Making Process

Module 3: Motivation, Perception and Personality

Module 4: Attitude, Learning and Memory

Module 5: Consumer behaviour, culture and social influences

Module 6: Innovations, Ethics and Social Responsibility

Teaching Methods

Notional student workload

Scheduled hours per study period	Personal hours per study period	Total hours per study period
18	132	150

Work Integrated Learning

Work Experience Type	Hours Per Week	Number of Weeks	Total Hours
N/A			

Rationale

N/A

Teaching Methods

Teaching method	Delivery mode	Duration	Frequency
<i>Lismore, Gold Coast, PNG - IBSU, Brisbane, Melbourne, Sydney, Sri Lanka, PERTH</i>			
Workshop	Online	1 hour	Weekly
Tutorial	On-campus	2 hours	Weekly
<i>Online</i>			
Workshop	Online	1 hour	Weekly
Tutorial	Online	2 hours	Weekly

Assessment

Overview

N	Type	Academic Integrity	Group/Individual	Length/duration	Weighting	Grading indicator	Week due	Learning outcomes	Cognitive Complexity
<i>Lismore, Gold Coast, Online, PNG - IBSU, Brisbane, Melbourne, Sydney, Sri Lanka, PERTH</i>									
1	Report	Applies real life situations/scenarios, Assessment task is reviewed/updated before each delivery, Authentic questions, Individualised, Written responses Turnitin	INDIV	1500 Words	50	Graded	4	3,4	2. Application/Analysis
2	Report	Applies real life situations/scenarios, Assessment task is reviewed/updated before each delivery, Authentic questions, Individualised, Written responses Turnitin	INDIV	1500 Words	50	Graded	7	1,2,3	2. Application/Analysis

Additional assessment requirements

N/A

Prescribed learning resources

Textbooks

Hoyer, WD, MacInnis, DJ, Pieters, R, Chan, E, Northey, G, 2020, Consumer Behaviour: Asia Pacific Edition, 2nd edn, Cengage Learning, Great Britain, ISBN-10: 0170439976, ISBN-13: 9780170439978

Online resources

Nil

Equipment, protective clothing and tools

Nil

Faculty/College	Faculty of Business, Law and Arts
Unit Code	MRKT2003
Unit Title	Global Marketing
SCU Award Category	Undergraduate
Level of Study	Level 2: UGRD Discipline-Building Coursework
Unit Type	UG Coursework Unit
Credit Points	12
Grading Basis	Graded
Field of Education	(080505) Marketing
Pre-requisites	
Co-requisites	
Anti-requisites	
Enrolment Information	
Enrolment Restriction	

Aim

Discusses the global marketing environment, how global markets are identified and evaluated, and highlights global product planning, pricing, promotion and distribution strategies. Global marketing skills are of critical importance to marketing practitioners as firms choose to compete globally due to saturated home markets, the allure of opportunities in emerging markets, and intensified global competition.

Unit learning outcomes

On completion of this unit, students should be able to:

1. analyse how the international environment impacts upon global marketing activities
2. compare and contrast marketing-mix management in domestic and foreign markets
3. assess the future of global marketing.

Modules

Module 1: Introduction to Global Marketing

Module 2: Political and Legal Dimensions

Module 3: Social and Cultural Considerations

Module 4: Global Marketing Opportunities

Module 5: Marketing Internationally

Module 6: The Future of Global Marketing

Teaching Methods

Notional student workload

Scheduled hours per study period	Personal hours per study period	Total hours per study period
18	132	150

Work Integrated Learning

Work Experience Type	Hours Per Week	Number of Weeks	Total Hours
N/A			

Rationale

N/A

Teaching Methods

Teaching method	Delivery mode	Duration	Frequency
<i>Gold Coast, Lismore, PNG - IBSU, Brisbane, Melbourne, Sydney, PERTH</i>			
Workshop	Online	1 hour	Weekly
Tutorial	On-campus	2 hours	Weekly
<i>Online</i>			
Workshop	Online	1 hour	Weekly
Tutorial	Online	2 hours	Weekly

Assessment

Overview

N o	Type	Academic Integrity	Group/Individual	Length/duration	Weighting	Grading indicator	Week due	Learning outcomes	Cognitive Complexity
<i>Gold Coast, Lismore, Online, PNG - IBSU, Brisbane, Melbourne, Sydney, PERTH</i>									
1	Report	Applies real life situations/scenarios, Assessment task is reviewed/updated before each delivery, Authentic questions, Individualised, Written responses Turnitin	INDIV	1500 words	50	Graded	5	1,2	2. Application/Analysis
2	Report	Applies real life situations/scenarios, Assessment task is reviewed/updated before each delivery, Authentic questions, Individualised, Written responses Turnitin	INDIV	1500 words	50	Graded	7	2,3	2. Application/Analysis

Additional assessment requirements

Prescribed learning resources

Textbooks

Mariadoss, BJ, 2018, Core Principles of International Marketing, Washington State University, Creative Commons Attribution (ShareAlike)

Online resources

Nil

Equipment, protective clothing and tools

Nil

Faculty/College	Faculty of Business, Law and Arts
Unit Code	MRKT2004
Unit Title	Marketing Communications
SCU Award Category	Undergraduate
Level of Study	Level 2: UGRD Discipline-Building Coursework
Unit Type	UG Coursework Unit
Credit Points	12
Grading Basis	Graded
Field of Education	(080507) Advertising
Pre-requisites	
Co-requisites	
Anti-requisites	
Enrolment Information	
Enrolment Restriction	

Aim

Explores strategies used in marketing communications with an emphasis on branding. Topics cover the nature of today's modern marketing communication tools, including social media and examine their practical implementation for communication strategy decisions. Legal and ethical implications of communication strategies are considered and practical application of the principles form an essential part of assessment and learning activities.

Unit learning outcomes

On completion of this unit, students should be able to:

1. apply the principles involved in marketing communications
2. evaluate different marketing communication strategies and tactics
3. construct relevant marketing communication strategies and tactics for specific target markets.

Modules

Module 1: Introduction to marketing communications

Module 2: Building brand relationships

Module 3: Planning for marketing communications

Module 4: Marcom Tools – Part 1: Advertising and public relations

Module 5: Marcom Tools – Part 2: Direct marketing and personal selling

Module 6: Marcom in the Digital World

Teaching Methods

Notional student workload

Scheduled hours per study period	Personal hours per study period	Total hours per study period
18	132	150

Work Integrated Learning

Work Experience Type	Hours Per Week	Number of Weeks	Total Hours
N/A			

Rationale

N/A

Teaching Methods

Teaching method	Delivery mode	Duration	Frequency
<i>Lismore, Gold Coast, Coomera, PNG - IBSU, Brisbane, Melbourne, Sydney, PERTH</i>			
Workshop	Online	1 hour	Weekly
Tutorial	On-campus	2 hours	Weekly
<i>Online</i>			
Workshop	Online	1 hour	Weekly
Tutorial	Online	2 hours	Weekly

Assessment

Overview

No	Type	Academic Integrity	Group/Individual	Length/duration	Weighting	Grading indicator	Weight due
<i>Lismore, Gold Coast, Online, Coomera, PNG - IBSU, Brisbane, Melbourne, Sydney, PERTH</i>							
1	Quiz		Assessment task is reviewed/updated before each delivery, Individualised, Time limits, Use randomised question	1 hour	20	Graded	2
2	Report	Applies real life situations/scenarios, Assessment task is reviewed/updated before each delivery, Authentic questions, Individualised, Written responses Turnitin	INDIV	800 words	40	Graded	3
3	Report	Applies real life situations/scenarios, Assessment task is reviewed/updated before each delivery, Authentic questions, Individualised, Written responses Turnitin	INDIV	1000 words	40	Graded	6

Additional assessment requirements

N/A

Prescribed learning resources

Textbooks

Belch, GE & Belch, MA, 2021, Advertising and Promotion: An Integrated Marketing Communication Perspective, 12th Edition, McGraw Hill Education, New York, ISBN13: 9781260259315

Online resources

Nil

Equipment, protective clothing and tools

Nil

Faculty/College	Faculty of Business, Law and Arts
Unit Code	MRKT2005
Unit Title	Services Marketing
SCU Award Category	Undergraduate
Level of Study	Level 2: UGRD Discipline-Building Coursework
Unit Type	UG Coursework Unit
Credit Points	12
Grading Basis	Graded
Field of Education	(080505) Marketing
Pre-requisites	
Co-requisites	
Anti-requisites	
Enrolment Information	
Enrolment Restriction	

Aim

Introduces students to concepts and practices of service-logic in marketing, the role of the customers within the service system and effective management of customer relationships. Approaches and tools for analysing, improving and developing complex services will be explained and applied, along with concepts of service quality, service recovery and the determinants of customer satisfaction and dissatisfaction.

Unit learning outcomes

On completion of this unit, students should be able to:

1. explain the unique characteristics of services and apply these concepts to analyse service-based business scenarios
2. analyse the key issues and elements associated with the measurement and management of service quality and customer satisfaction
3. critically evaluate the role of the servicescape in building a customer focused organisation.

Modules

Module 1: Services marketing: The central concepts and frameworks

Module 2: Customer expectations and perceptions of service

Module 3: Quality Management in Services – managing capacity and demand

Module 4: Performing service – The actors and their roles

Module 5: Managing customer relationships

Module 6: Service design and the servicescape

Teaching Methods

Notional student workload

Scheduled hours per study period	Personal hours per study period	Total hours per study period
18	132	150

Work Integrated Learning

Work Experience Type	Hours Per Week	Number of Weeks	Total Hours
N/A			

Rationale

N/A

Teaching Methods

Teaching method	Delivery mode	Duration	Frequency
<i>Lismore, Gold Coast, PNG - IBSU, Brisbane, Melbourne, Sydney, PERTH</i>			
Workshop	Online	1 hour	Weekly
Tutorial	On-campus	2 hours	Weekly
<i>Online</i>			
Workshop	Online	1 hour	Weekly
Tutorial	Online	2 hours	Weekly

Assessment

Overview

N	Type	Academic Integrity	Group/Individual	Length/duration	Weighting	Grading indicator	Week due	Learning outcomes	Cognitive Complexity
<i>Lismore, Gold Coast, Online, PNG - IBSU, Brisbane, Melbourne, Sydney, PERTH</i>									
1	Case study	Applies real life situations/scenarios, Assessment task is reviewed/updated before each delivery, Authentic questions, Individualised, Written responses Turnitin	INDIV	1500 words	50	Graded	4	1,2	2. Application/Analysis
2	Presentation	Applies real life situations/scenarios, Assessment task is reviewed/updated before each delivery, Authentic questions, Individualised, Time limits	INDIV	10 minutes	50	Graded	6	3	3. Synthesis/Evaluation

Additional assessment requirements

N/A

Prescribed learning resources

Textbooks

Zeithaml, VA, Bitner, MJ & Gremler, DD, 2023, Services Marketing: Integrating Customer Focus Across the Firm ISE, 8th edn, McGraw Hill, US, 9781266287152

Online resources

Nil

Equipment, protective clothing and tools

Nil

Faculty/College	Faculty of Business, Law and Arts
Unit Code	MRKT2007
Unit Title	Digital Marketing Strategies
SCU Award Category	Undergraduate
Level of Study	Level 2: UGRD Discipline-Building Coursework
Unit Type	UG Coursework Unit
Credit Points	12
Grading Basis	Graded
Field of Education	(029999) Information Technology not elsewhere classified
Pre-requisites	
Co-requisites	
Anti-requisites	
Enrolment Information	
Enrolment Restriction	

Aim

Design digital marketing strategies using key digital tactics and techniques. Learn how to develop well-structured digital marketing plans and undertake a digital marketing campaign. Each topic explores the technologies associated with digital marketing processes such as data, analytics, automation and AI. Students will learn how to use the current digital marketing channels and tools to understand and reach online audiences.

Unit learning outcomes

On completion of this unit, students should be able to:

1. analyse and apply key digital marketing tools
2. develop digital marketing strategies that incorporate creative and innovative approaches to achieve specified business objectives
3. undertake an innovative, ethical and sustainable digital marketing campaign that is culturally aware.

Modules

Module 1: The digital marketing eco-system

Module 2: Digital marketing channels and tools

Module 3: Content creation and management

Module 4: Customer experience and relationships

Module 5: Data and analytics

Module 6: Developing digital marketing strategies and campaigns

Teaching Methods

Notional student workload

Scheduled hours per study period	Personal hours per study period	Total hours per study period
18	132	150

Work Integrated Learning

Work Experience Type	Hours Per Week	Number of Weeks	Total Hours
N/A			

Rationale

N/A

Teaching Methods

Teaching method	Delivery mode	Duration	Frequency
<i>Gold Coast, Brisbane, Melbourne, Sydney, Sri Lanka, PERTH</i>			
Workshop	Online	1 hour	Weekly
Tutorial	On-campus	2 hours	Weekly
<i>Online</i>			
Workshop	Online	1 hour	Weekly
Tutorial	Online	2 hours	Weekly
<i>PNG - IBSU</i>			
Workshop	On-campus	1 hour	Weekly
Tutorial	On-campus	2 hours	Weekly
<i>China - DU</i>			

Teaching method	Delivery mode	Duration	Frequency
Residential	On-campus	–	–

Assessment

Overview

No	Type	Academic Integrity	Group/Individual	Length/duration	Weighting	Grading indicator	Week due	Learning outcomes	Cognitive Complexity
<i>Gold Coast, Online, PNG - IBSU, Brisbane, Melbourne, Sydney, Sri Lanka, PERTH</i>									
1	Report	Applies real life situations/scenarios, Authentic questions, Individualised, Written responses Turnitin	INDIV	600 words	15	Graded	2	1	1. Knowledge/Comprehension
2	Report	Applies real life situations/scenarios, Authentic questions, Individualised, Written responses Turnitin	INDIV	1000 words	35	Graded	4	1,2	2. Application/Analysis
3	Report	Applies real life situations/scenarios, Authentic questions, Individualised, Written responses Turnitin	INDIV	1200 - 1500 words	50	Graded	7	2,3	2. Application/Analysis
<i>China - DU</i>									
1	Report	Applies real life situations/scenarios, Authentic questions, Individualised, Written responses Turnitin	INDIV	600 words	15	Graded	4	1	1. Knowledge/Comprehension
2	Report	Applies real life situations/scenarios, Authentic questions, Individualised, Written responses Turnitin	INDIV	1000 words	35	Graded	8	1,2	2. Application/Analysis

No	Type	Academic Integrity	Group/Individual	Length/duration	Weighting	Grading indicator	Week due	Learning outcomes	Cognitive Complexity
3	Report	Applies real life situations/scenarios,Authentic questions,Individualised,Written responses Turnitin	INDIV	1200 - 1500 words	50	Graded	14	2,3	2. Application/Analysis

Additional assessment requirements

N/A

Prescribed learning resources

Textbooks

Nil

Online resources

Nil

Equipment, protective clothing and tools

Nil

Faculty/College	Faculty of Business, Law and Arts
Unit Code	MRKT3001
Unit Title	Strategic Marketing
SCU Award Category	Undergraduate
Level of Study	Level 3: UGRD Integrated Coursework
Unit Type	UG Coursework Unit
Credit Points	12
Grading Basis	Graded
Field of Education	(080505) Marketing
Pre-requisites	
Co-requisites	
Anti-requisites	
Enrolment Information	
Enrolment Restriction	

Aim

Presents a set of normative procedures that can be utilised to generate a range of innovative strategic options and a basis to choose a rational program for action. Issues in strategic marketing planning will be explored in depth and at a relatively advanced level. Understanding of the conceptual and theoretical basis of strategy is developed in an applied context.

Unit learning outcomes

On completion of this unit, students should be able to:

1. identify and analyse marketing problems using appropriate tools and frameworks
2. create, communicate and defend well-justified, realistic marketing recommendations in written form
3. organise for effective strategic marketing and implementation of the market planning process.

Modules

Module 1: Introduction to Strategic Marketing

Module 2: Strategic Marketing and the Environment

Module 3: Customer and Competitor Analysis

Module 4: The Evolving Marketing Mix

Module 5: Strategic Implementation

Module 6: Marketing in the Twenty-First Century

Teaching Methods

Notional student workload

Scheduled hours per study period	Personal hours per study period	Total hours per study period
18	132	150

Work Integrated Learning

Work Experience Type	Hours Per Week	Number of Weeks	Total Hours
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N/A

Rationale

N/A

Teaching Methods

Teaching method	Delivery mode	Duration	Frequency
<i>Lismore, Gold Coast, PNG - IBSU, Brisbane, Melbourne, Sydney, Sri Lanka, PERTH</i>			
Workshop	Online	1 hour	Weekly
Tutorial	On-campus	2 hours	Weekly
<i>Online</i>			
Workshop	Online	1 hour	Weekly
Tutorial	Online	2 hours	Weekly

Assessment

Overview

N o	Typ e	Academic Integrity	Group/Indivi dual	Length/dura tion	Weighti ng	Gradin g indicat or	We ek due	Learnin g outcom es	Cognitive Complexity
<i>Lismore, Gold Coast, Online, PNG - IBSU, Brisbane, Melbourne, Sydney, Sri Lanka, PERTH</i>									
1	Cas e stud y	Applies real life situations/scenarios,Assessment task is reviewed/updated before each delivery,Authentic questions,Based on personal experience,Written responses Turnitin	GROUP	1500 words	50	Grade d	3	1,2,3	2. Application/Ana lysis
2	Cas e stud y	Applies real life situations/scenarios,Assessment task is reviewed/updated before each delivery,Authentic questions,Based on personal experience,Individualised, Written responses Turnitin	INDIV	1500 words	50	Grade d	6	1,2,3	3. Synthesis/Evalu ation

Additional assessment requirements

N/A

Prescribed learning resources

Textbooks

Nil

Online resources

Nil

Equipment, protective clothing and tools

Nil

Faculty/College	Faculty of Science and Engineering
Unit Code	MRNE2008
Unit Title	Fish Ecology and Aquaculture
SCU Award Category	Undergraduate
Level of Study	Level 2: UGRD Discipline-Building Coursework
Unit Type	UG Coursework Unit
Credit Points	12
Grading Basis	Graded
Field of Education	(050701) Aquaculture
Pre-requisites	
Co-requisites	
Anti-requisites	
Enrolment Information	There will be a 2-day compulsory residential for ALL students (online and on-campus) that will be held at the National Marine Science Centre, Coffs Harbour. Please refer to http://scu.edu.au/timetables for further information.
Enrolment Restriction	

Aim

Examines the biology and ecology of marine and freshwater fishes, especially those important to fisheries and aquaculture. Introduces topics such as taxonomy, anatomy, physiology, feeding, reproduction, age, and growth. Examines the main components of sustainable aquaculture of fishes, invertebrates, and seaweeds, including water quality, disease control, and environmental impacts. Provides practical experience in rearing of fish, invertebrate, and algae species.

Unit learning outcomes

On completion of this unit, students should be able to:

1. demonstrate knowledge of the diversity and functional biology of fishes
2. apply knowledge and skills in fish dissection, production, and maintenance
3. critically address the role that aquaculture plays in global food production and demonstrate enhanced understanding of the different aquaculture systems used around the world
4. assess some of the competing issues in creating a sustainable aquaculture industry.

Modules

1. Taxonomy and anatomy of fishes
2. Physiology and functional ecology of fishes
3. Life cycles and reproductive strategies of fishes
4. Introduction to aquaculture and its contribution to global food systems
5. Aquaculture systems (fishes, invertebrates, and algae)
6. Sustainable aquaculture

Teaching Methods

Notional student workload

Scheduled hours per study period	Personal hours per study period	Total hours per study period
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Work Integrated Learning

Work Experience Type	Hours Per Week	Number of Weeks	Total Hours
N/A			

Rationale

N/A

Teaching Methods

Teaching method	Delivery mode	Duration	Frequency
<i>National Marine Science Centre Coffs Harbour, Online</i>			
Workshop	Online	1 hr	Weekly
Residential	On-campus	2 days	Once

Assessment

Overview

N o	Type	Academic Integrity	Group/Individual	Length/duration	Weighting	Grading indicator	Week due	Learning outcomes	Cognitive Complexity
<i>National Marine Science Centre Coffs Harbour, Online</i>									
1	Practical	Applies real life situations/scenarios, Authentic questions	INDIV	30 min	30	Graded	3	1,2	2. Application/Analysis
2	Quiz	Authentic questions, Time limits, Use randomised question	INDIV	45 minutes	15	Graded	5	1,2,3,4	1. Knowledge/Comprehension
3	Report	Applies real life situations/scenarios, Authentic questions, Written responses Turnitin	INDIV	2000 words	55	Graded	7	2,4	3. Synthesis/Evaluation

Additional assessment requirements

ALL students need to attend a 2-day compulsory residential at the National Marine Science Centre, Coffs Harbour to obtain a passing grade.

Prescribed learning resources

Textbooks

Nil

Online resources

Nil

Equipment, protective clothing and tools

Nil

Faculty/College	Faculty of Science and Engineering
Unit Code	MRNE3006
Unit Title	Reefs
SCU Award Category	Undergraduate
Level of Study	Level 3: UGRD Integrated Coursework
Unit Type	UG Coursework Unit
Credit Points	12
Grading Basis	Graded
Field of Education	(010907) Marine Science
Pre-requisites	
Co-requisites	
Anti-requisites	
Enrolment Information	This unit has a compulsory 2-day residential at the National Marine Science Centre, Coffs Harbour. Please refer to https://www.scu.edu.au/timetables for further information.
Enrolment Restriction	

Aim

Provides an overview of different reef types from the tropics to temperate waters, covering differences in community structure and function, responses to natural and anthropogenic disturbances including climate change, and management approaches to protect biodiversity. Practicals will include in situ observation of subtropical reefs, and analysis of community patterns for key groups of reef biota.

Unit learning outcomes

On completion of this unit, students should be able to:

1. analyse and evaluate the main types of reef and the biota associated with them
2. apply advanced field sampling techniques and data analysis tools to explain the complex biotic and abiotic processes structuring reef communities
3. critically evaluate how reef communities are affected by natural and anthropogenic disturbances
4. synthesize information to describe approaches for sustainable management of reef communities.

Modules

1. Reef types and biodiversity
2. Coral reef origins and communities
3. Subtropical reefs
4. Temperate reefs
5. Natural and human disturbance to reef communities
6. Reef management and restoration

Teaching Methods

Notional student workload

Scheduled hours per study period	Personal hours per study period	Total hours per study period
18	132	150

Work Integrated Learning

Work Experience Type	Hours Per Week	Number of Weeks	Total Hours
N/A			

Rationale

N/A

Teaching Methods

Teaching method	Delivery mode	Duration	Frequency
<i>National Marine Science Centre Coffs Harbour, Online</i>			
Workshop	Online	1 hr	Weekly
Residential	On-campus	2 days	Once

Assessment

Overview

N o	Type	Academic Integrity	Group/Individual	Length/duration	Weighting	Grading indicator	Week due	Learning outcomes	Cognitive Complexity
<i>National Marine Science Centre Coffs Harbour, Online</i>									
1	Propo sal	Applies real life situations/scenarios,Written responses Turnitin	INDIV	1000 words	30	Grade d	3	2,3,4	3. Synthesis/Evaluation
2	Portfo lio	Applies real life situations/scenarios,Authentic questions	INDIV	1500 words	55	Grade d	5	2,3	2. Application/Analysis
3	Quiz	Use randomised question	INDIV	1 hour	15	Grade d	6	1,3,4	1. Knowledge/Comprehension

Additional assessment requirements

Students will be required to attend a compulsory residential session to receive a pass mark for the unit.

Prescribed learning resources

Textbooks

Nil

Online resources

Nil

Equipment, protective clothing and tools

Nil

Faculty/College	Faculty of Business, Law and Arts
Unit Code	MUSC1008
Unit Title	Music Industry Landscapes
SCU Award Category	Undergraduate
Level of Study	Level 1: UGRD Foundational Coursework
Unit Type	UG Coursework Unit
Credit Points	12
Grading Basis	Graded
Field of Education	(100101) Music
Pre-requisites	
Co-requisites	
Anti-requisites	
Enrolment Information	
Enrolment Restriction	

Aim

Provides an overview of the changing nature of work within the global music Industry. Students participate in weekly workshops and practical sessions that build foundational knowledge in relation to the historical origins of the music industry, relevant business and legal frameworks and the impact of technology on music promotion and distribution.

Unit learning outcomes

On completion of this unit, students should be able to:

1. analyse the evolution of business and legal frameworks utilised within the global music industry
2. describe the historical development of specific technologies that influence the development of the global music industry
3. investigate key business and legal frameworks utilised within the global music industry
4. identify changing career patterns and work roles within the global music industry.

Modules

Module 1: Historical origins of the music industry.

Module 2: Development of music texts as a commercial product.

Module 3: Emergence of copyright and publishing.

Module 4: Impact of technology on music industry organisation.

Module 5: Understanding the changing nature of work within the music industry.

Module 6: Impact of the Internet on the music industry organisation.

Teaching Methods

Notional student workload

Scheduled hours per study period	Personal hours per study period	Total hours per study period
18	132	150

Work Integrated Learning

Work Experience Type	Hours Per Week	Number of Weeks	Total Hours
N/A			

Rationale

N/A

Teaching Methods

Teaching method	Delivery mode	Duration	Frequency
<i>Lismore, Coomera</i>			
Workshop	Online	1 hour	Weekly
Tutorial	On-campus	2 hours	Weekly

Assessment

Overview

No	Type	Academic Integrity	Group/Individual	Length/duration	Weighting	Grading indicator	Week due	Learning outcomes	Cognitive Complexity
<i>Lismore, Coomera</i>									
1	Critical review		INDIV	800 words (2 x 400-word critiques)	30	Graded	Weekly	1,2,4	
2	Quiz		INDIV	1000 words	25	Graded	3	1,3	
3	Essay		INDIV	1200 Words	45	Graded	6	2,4	

Additional assessment requirements

N/A

Prescribed learning resources

Textbooks

Nil

Online resources

Access to a computer and reliable internet connection.

Equipment, protective clothing and tools

Nil

Faculty/College	Faculty of Science and Engineering
Unit Code	PHYS1004
Unit Title	Physics I: Motion, Mechanics and Waves
SCU Award Category	Undergraduate
Level of Study	Level 1: UGRD Foundational Coursework
Unit Type	UG Coursework Unit
Credit Points	12
Grading Basis	Graded
Field of Education	(010301) Physics
Pre-requisites	
Co-requisites	
Anti-requisites	
Enrolment Information	
Enrolment Restriction	

Aim

Introduces the basics of motion in one and two dimensions. Students will learn about mechanics, which is the interaction of force and motion, and about waves in water and air. This will develop the foundational knowledge needed to understand how physics describes the action of forces and apply it to a variety of different fields such as engineering, human body movement and projectiles.

Unit learning outcomes

On completion of this unit, students should be able to:

1. explain the basic principles of motion, forces, energy, and waves, as applied to kinematics, optics, and mechanics
2. describe knowledge of two-dimensional kinematics, Newton's laws, and energy conservation to solve industry-related problems
3. explain how the concepts of forces, energy, and waves drive emerging trends across various fields of engineering
4. perform experiments on motion, forces, energy, and waves to measure, analyse, and apply basic design concepts in mechanics
5. analyse the principles of statics and torque in equilibrium and apply them to real-world engineering applications
6. investigate and solve problems involving the interaction of light, sound, and waves in various engineering contexts.

Modules

Module 1: Kinematics

Module 2: Two-dimensional kinematics

Module 3: Forces and Newton's laws of motion

Module 4: Statics and torque

Module 5: Work, energy, and momentum

Module 6: Waves and optics

Teaching Methods

Notional student workload

Scheduled hours per study period	Personal hours per study period	Total hours per study period
18	132	150

Work Integrated Learning

Work Experience Type	Hours Per Week	Number of Weeks	Total Hours
N/A			

Rationale

N/A

Teaching Methods

Teaching method	Delivery mode	Duration	Frequency
<i>Lismore, Gold Coast</i>			
Workshop	Online	1 hour	Weekly
Tutorial	On-campus	2 hours	Weekly
<i>Online</i>			
Workshop	Online	1 hour	Weekly
Tutorial	Online	2 hours	Weekly

Assessment

Overview

N o	Type	Academic Integrity	Group/Individual	Length/duration	Weighting	Grading indicator	Week due	Learning outcomes	Cognitive Complexity
<i>Lismore, Gold Coast, Online</i>									
1	Practical	Authentic questions, Based on personal experience, Individualised	INDIV	2000 words or equivalent	60	Graded	6	1,2,3,4	1. Knowledge/Comprehension
2	Presentation	Applies real life situations/scenarios, Individualised, Reflective component	INDIV	10 minutes	40	Graded	7	1,2,3,5,6	3. Synthesis/Evaluation

Additional assessment requirements

N/A

Prescribed learning resources

Textbooks

Nil

Online resources

Nil

Equipment, protective clothing and tools

Nil

Faculty/College	Faculty of Science and Engineering
Unit Code	PLAN3001
Unit Title	Waste as a Resource
SCU Award Category	Undergraduate
Level of Study	Level 3: UGRD Integrated Coursework
Unit Type	UG Coursework Unit
Credit Points	12
Grading Basis	Graded
Field of Education	(040301) Building Science and Technology
Pre-requisites	
Co-requisites	
Anti-requisites	
Enrolment Information	
Enrolment Restriction	

Aim

Introduces students to the complex issues of waste management and the associated technologies in industry and community settings. The unit focuses on the concept of the circular economy and the conversion of wastes into resources. This unit uses case studies, practical and field experiences and a multidisciplinary approach to explore the expanding range of technologies to manage waste in appropriate and effective ways.

Unit learning outcomes

On completion of this unit, students should be able to:

1. evaluate and assess the types of waste and their impacts on the environment
2. understand complex waste management technologies and waste minimisation strategies.
3. measure the impact of newly manufactured versus recycled material on the behaviour of produced products
4. critically evaluate the concept of the circular economy

Modules

1. History of waste and problems associated with waste handling and management
2. Variety of waste streams, solid, liquid, gas and nuclear.
3. Household behaviour and resource recovery, resource recovery from waste, saving dollars and closing loops at the individual level.
4. Solid recovery of resources from waste streams, separation, sorting, closing loops.
5. Liquid waste module, recovery of nutrients and bringing water back to A grade recycled water for reuse or responsible discharge
6. Governance and economic drivers of waste sector, frontier of change, eventual circular economy outcomes.

Teaching Methods

Notional student workload

Scheduled hours per study period	Personal hours per study period	Total hours per study period
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Work Integrated Learning

Work Experience Type	Hours Per Week	Number of Weeks	Total Hours
N/A			

Rationale

N/A

Teaching Methods

Teaching method	Delivery mode	Duration	Frequency
<i>Lismore</i>			
Tutorial	On-campus	2 hours	Weekly
Workshop	Online	1 hour	Weekly
<i>Online</i>			
Tutorial	Online	2 hours	Weekly
Workshop	Online	1 hour	Weekly

Assessment

Overview

N	Type	Academic Integrity	Group/Individual	Length/duration	Weighting	Grading indicator	Week due	Learning outcomes	Cognitive Complexity
<i>Lismore, Online</i>									
1	Poster	Applies real life situations/scenarios, Written responses Turnitin	INDIV	700 words	30	Grade d	3	1,2	3. Synthesis/Evaluation
2	Critical review	Applies real life situations/scenarios, R effective component, Written responses Turnitin	INDIV	1500 words	40	Grade d	5	3	1. Knowledge/Comprehension
3	Short written response	Assessment task is reviewed/updated before each delivery, Authentic questions, Written responses Turnitin	INDIV	800 words	30	Grade d	7	4	3. Synthesis/Evaluation

Additional assessment requirements

N/A

Prescribed learning resources

Textbooks

Nil

Online resources

Nil

Equipment, protective clothing and tools

Nil

Faculty/College	Faculty of Science and Engineering
Unit Code	SCIN1004
Unit Title	Planet Earth
SCU Award Category	Undergraduate
Level of Study	Level 1: UGRD Foundational Coursework
Unit Type	UG Coursework Unit
Credit Points	12
Grading Basis	Graded
Field of Education	(019999) Natural and Physical Sciences not elsewhere classified
Pre-requisites	
Co-requisites	
Anti-requisites	
Enrolment Information	
Enrolment Restriction	

Aim

Introduces the formation of the earth over geological time and the complex interacting systems that provide a basis for life on earth, including the lithosphere, hydrosphere and atmosphere. Considers the recent changes induced by human activities and impacts on a global scale.

Unit learning outcomes

On completion of this unit, students should be able to:

1. describe the key attributes of major interacting Earth systems, including the atmosphere, hydrosphere, geosphere and biosphere
2. explain key components, processes, and interactions of Earth System cycles, and demonstrate their significance with examples
3. apply critical scientific thinking to describe how the Earth systems interact across different scales in space and time
4. reflect on how humans have influenced the current and future functioning of the Earth systems.

Modules

1. The Earth: Introduction to earth system science, earth materials and geologic time.
2. Geosphere: Plate tectonics, earthquakes, volcanoes, the rock cycle.
3. Hydrosphere: the hydrological cycle and cryosphere
4. Oceans: Ocean circulation, basin and coastline formation, currents and waves.
5. Atmosphere: Structure and circulation and weather patterns and cycles.
6. The Biosphere and Anthropocene: Influence of living world on the Earth system over geologic time. Recent human impacts on the Earth system.

Teaching Methods

Notional student workload

Scheduled hours per study period	Personal hours per study period	Total hours per study period
18	132	150

Work Integrated Learning

Work Experience Type	Hours Per Week	Number of Weeks	Total Hours
N/A			

Rationale

N/A

Teaching Methods

Teaching method	Delivery mode	Duration	Frequency
<i>National Marine Science Centre Coffs Harbour, Lismore</i>			
Workshop	Online	1 hour	Weekly
Tutorial	On-campus	2 hours	Weekly
<i>Online</i>			
Workshop	Online	1 hour	Weekly
Tutorial	Online	2 hours	Weekly

Assessment

Overview

No	Type	Academic Integrity	Group/Individual	Length/duration	Weighting	Grading indicator	Week due	Learning outcomes	Cognitive Complexity
<i>National Marine Science Centre Coffs Harbour, Lismore, Online</i>									
1	Practical	Authentic questions, Reflective component, Written responses Turnitin	INDIV	3 hours	25		Graded	3 1, 2, 3	2. Application/Analysis
2	Portfolio	Assessment task is reviewed/updated before each delivery, Reflective component, Written responses Turnitin	INDIV	Short Answer/Quizzes	35		Graded	6 1, 2, 3, 4	3. Synthesis/Evaluation
3	Presentation	Applies real life situations/scenarios, Authentic questions, Written responses Turnitin	INDIV	5 min presentation	40		Graded	7 1, 2, 3, 4	2. Application/Analysis

Additional assessment requirements

Successful completion of module access quizzes contribute to the portfolio (Assessment 2).

Prescribed learning resources

Textbooks

Nil

Online resources

Nil

Equipment, protective clothing and tools

Nil

Faculty/College	Faculty of Science and Engineering
Unit Code	SCIN1005
Unit Title	Organisms and Environments
SCU Award Category	Undergraduate
Level of Study	Level 1: UGRD Foundational Coursework
Unit Type	UG Coursework Unit
Credit Points	12
Grading Basis	Graded
Field of Education	(010999) Biological Sciences not elsewhere classified
Pre-requisites	
Co-requisites	
Anti-requisites	
Enrolment Information	There will be a 2-day compulsory residential for Online students that will be held on the Lismore campus. Please refer to http://scu.edu.au/timetables for further information on timetables.
Enrolment Restriction	

Aim

Examines the evolution and diversity of life on earth and introduces the principles of species classification and naming. Consideration is given to the individual, population, community and ecosystem levels of organisation. Aspects of human ecology and human impact on the environment are introduced. Field trips will introduce students to qualitative observation of ecosystems and quantitative analysis of organisms in their environment.

Unit learning outcomes

On completion of this unit, students should be able to:

1. describe the different scales of life and the evolution and diversity of organisms
2. evaluate and explain key biological processes in various contexts
3. perform ecological field sampling and surveying
4. effectively illustrate and present biological concepts at the organism to ecosystem scale in a team setting

Modules

- 1 Overview of the diversity of life, taxonomy, and classification
- 2 Evolution and speciation
- 3 Structure and function of plants and fungi
- 4 Structure and function of animals
- 5 Ecology fundamentals I: interactions, population ecology, and community structure
- 6 Ecology fundamentals II: Community dynamics, disturbance, biogeography, and conservation

Teaching Methods

Notional student workload

Scheduled hours per study period	Personal hours per study period	Total hours per study period
18	132	150

Work Integrated Learning

Work Experience Type	Hours Per Week	Number of Weeks	Total Hours
N/A			

Rationale

N/A

Teaching Methods

Teaching method	Delivery mode	Duration	Frequency
<i>National Marine Science Centre Coffs Harbour, Lismore</i>			
Workshop	Online	1 hour	Weekly
Tutorial	On-campus	2 hours	Weekly
<i>Online</i>			
Workshop	Online	1 hour	Weekly
Residential	On-campus	2 days	Once

Assessment

Overview

<i>National Marine Science Centre Coffs Harbour, Lismore, Online</i>									
1	Report	Authentic questions, Written responses Turnitin	INDIV	1000 words	40	Graded	Wk 4 for on-campus students Wk 5 for online students	2,4	2. Application/Analysis
2	Portfolio	Applies real life situations/scenarios, Authentic questions, Written responses Turnitin	GROUP	1200 words	60	Graded	6	1,2,3	2. Application/Analysis

Additional assessment requirements

All online students will be required to attend a 2-day compulsory residential on the Lismore campus in order to pass the unit.

Prescribed learning resources

Textbooks

Nil

Online resources

Nil

Equipment, protective clothing and tools

Nil

Faculty/College	Faculty of Science and Engineering
Unit Code	SOIL2001
Unit Title	Soil Processes
SCU Award Category	Undergraduate
Level of Study	Level 2: UGRD Discipline-Building Coursework
Unit Type	UG Coursework Unit
Credit Points	12
Grading Basis	Graded
Field of Education	(010709) Soil Science
Pre-requisites	
Co-requisites	
Anti-requisites	
Enrolment Information	There will be a compulsory 2-day residential for Online students that will be held on, or depart from, the Lismore campus. For On-campus students, there will be compulsory practical classes during the term. Please refer to http://scu.edu.au/timetables for further information on timetables.
Enrolment Restriction	

Aim

Examines the main soil forming processes and the role of both organic matter and clay minerals in soil processes and properties is explored. Field soil assessment and classification skills are developed and methods for the examination of soil invertebrates introduced. The main concepts and methods used to assess soil physical and chemical properties are introduced, as is the use of soil moisture characteristics for the prediction of water movement. The behaviour of soil nutrients is examined.

Unit learning outcomes

On completion of this unit, students should be able to:

1. describe the main soil forming processes
2. describe the major biological, chemical and physical properties of soils and their influence on water and nutrient cycles
3. assess and describe soil structure, texture and consistence and classify soils using different soil classification methods
4. discuss the cycling of nutrients through soil and their availability to plants.

Modules

1. Introduction to soil and soil formation
2. Soil physical characteristics and water movement
3. Soil colloids (clays and humus)
4. Soil description and classification
5. Soil organic matter and biology
6. Nutrient cycles

Teaching Methods

Notional student workload

Scheduled hours per study period	Personal hours per study period	Total hours per study period
18	132	150

Work Integrated Learning

Work Experience Type	Hours Per Week	Number of Weeks	Total Hours
N/A			

Rationale

N/A

Teaching Methods

Teaching method	Delivery mode	Duration	Frequency
<i>Lismore</i>			
Workshop	Online	1 hr	Weekly
Laboratory	On-campus	3 hrs	Four times
<i>Online</i>			
Workshop	Online	1 hr	Weekly
Residential	On-campus	2 days	Once

Assessment

Overview

<i>Lismore, Online</i>									
1	Short written response	Applies real life situations/scenarios, Authentic questions, Written responses Turnitin	INDIV	150 words	30	Graded	3	3	1. Knowledge/Comprehension
2	Application	Applies real life situations/scenarios, Authentic questions, Written responses Turnitin	INDIV	600 words	30	Graded	5	3	2. Application/Analysis
3	Report	Applies real life situations/scenarios, Authentic questions, Written responses Turnitin	INDIV	800 words	40	Graded	7	1,2,4	3. Synthesis/Evaluation

Additional assessment requirements

N/A

Prescribed learning resources

Textbooks

Nil

Online resources

Nil

Equipment, protective clothing and tools

Laboratory coat and safety glasses are required for laboratory sessions.

Faculty/College	Faculty of Business, Law and Arts
Unit Code	STAT1001
Unit Title	Introduction to Business Analytics
SCU Award Category	Undergraduate
Level of Study	Level 1: UGRD Foundational Coursework
Unit Type	UG Coursework Unit
Credit Points	12
Grading Basis	Graded
Field of Education	(010103) Statistics
Pre-requisites	
Co-requisites	
Anti-requisites	
Enrolment Information	
Enrolment Restriction	

Aim

Introduces students to statistical concepts and techniques relevant to business. Statistical tools to model and analyse real-world situations and data are developed, enabling students to enhance their decision-making skills. The interpretation and communication of the results obtained is emphasised. Throughout the unit, Excel will be used for statistical calculations.

Unit learning outcomes

On completion of this unit, students should be able to:

1. Analyse and interpret business and economic data to inform decision making
2. Evaluate business and economic data that is characterised by uncertainty.
3. Apply regression modelling techniques to evaluate and inform decision making.

Modules

Module 1 - Introduction to statistics

Module 2 - Probability and data modelling

Module 3 - Statistical distributions

Module 4 - Confidence interval estimations

Module 5 - Hypothesis testing

Module 6 - Introduction to regression modelling

Teaching Methods

Notional student workload

Scheduled hours per study period	Personal hours per study period	Total hours per study period
18	132	150

Work Integrated Learning

Work Experience Type	Hours Per Week	Number of Weeks	Total Hours
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N/A

Rationale

N/A

Teaching Methods

Teaching method	Delivery mode	Duration	Frequency
<i>Online</i>			
Workshop	Online	1 hour	Weekly
Tutorial	Online	2 hours	Weekly
<i>Gold Coast, PNG - IBSU, Brisbane, Melbourne, Sydney</i>			
Workshop	Online	1 hour	Weekly
Tutorial	On-campus	2 hours	Weekly
<i>Lismore</i>			
Workshop	Online	1 hour	Weekly
Tutorial	On-campus	2 Hours	Weekly
<i>China - DU</i>			
Residential	On-campus	–	–
<i>PERTH</i>			
Workshop	Online	1 hour	Weekly
Tutorial	On-campus	2 hours	Weekly

Assessment

Overview

<i>Online, Gold Coast, Lismore, PNG - IBSU, Brisbane, Melbourne, Sydney, PERTH</i>									
1	Calculations	Assessment task is reviewed/updated before each delivery,Written responses Turnitin	INDIV	7 Questions	50	Graded	4	1,2	2. Application/Analysis
2	Report	Applies real life situations/scenarios,Asses sment task is reviewed/updated before each delivery,Authentic questions,Individualised, Written responses Turnitin	INDIV	1200 words	50	Graded	7	1,2,3	2. Application/Analysis
<i>China - DU</i>									
1	Calculations	Assessment task is reviewed/updated before each delivery,Written responses Turnitin	INDIV	7 Questions	50	Graded	8	1,2	2. Application/Analysis
2	Report	Applies real life situations/scenarios,Asses sment task is reviewed/updated before each delivery,Authentic questions,Individualised, Written responses Turnitin	INDIV	1200 words	50	Graded	14	1,2,3	2. Application/Analysis

Additional assessment requirements

N/A

Prescribed learning resources

Textbooks

Nil

Online resources

Access to a computer with a webcam and reliable internet connection.

Access to Microsoft Excel

Equipment, protective clothing and tools

Nil

Faculty/College	Faculty of Science and Engineering
Unit Code	STAT1002
Unit Title	Scientific Data Management and Analysis
SCU Award Category	Undergraduate
Level of Study	Level 1: UGRD Foundational Coursework
Unit Type	UG Coursework Unit
Credit Points	12
Grading Basis	Graded
Field of Education	(010199) Mathematical Sciences not elsewhere classified
Pre-requisites	
Co-requisites	
Anti-requisites	
Enrolment Information	
Enrolment Restriction	

Aim

Data management and analysis are essential tools for scientists. This unit provides students with basic skills in data management, illustration, analysis, and interpretation that will be foundational for careers in science and science-related disciplines. The unit will examine different types of data and how to compare and present them in a scientific manner using a range of graphing techniques. Case studies will be examined from regenerative agriculture, marine science, ecology and biomedical science. The unit covers introductory-level analyses such as t-tests, ANOVA, correlation and regression, and Chi-square tests. Emphasis is placed on matching data with appropriate statistical tests to provide students with knowledge on how to answer simple scientific hypotheses. The unit also gives an overview of experimental designs and sampling strategies for data collection that can be applied across disciplines.

Unit learning outcomes

On completion of this unit, students should be able to:

1. evaluate the uses of descriptive statistics for different data types and apply them to real-world examples
2. apply skills in Excel to organise, analyse and display data and results in a professional manner
3. identify and differentiate core principles of sampling and experimental design
4. present and interpret results of statistical analyses in a professional manner.

Modules

1. Scientific measurements and data
2. Data management, tables and graphs
3. Statistically comparing data between two or more groups
4. Analysing relationships: correlation and regression
5. Analysing categorical data
6. Experimental and survey designs

Teaching Methods

Notional student workload

Scheduled hours per study period	Personal hours per study period	Total hours per study period
18	132	150

Work Integrated Learning

Work Experience Type	Hours Per Week	Number of Weeks	Total Hours
N/A			

Rationale

N/A

Teaching Methods

Teaching method	Delivery mode	Duration	Frequency
<i>Lismore, National Marine Science Centre Coffs Harbour</i>			
Workshop	Online	1 hour	Weekly
Tutorial	On-campus	2 hours	Weekly
<i>Online</i>			
Workshop	Online	1 hour	Weekly
Tutorial	Online	2 hours	Weekly

Assessment

Overview

No	Type	Group/Individual	Length/duration	Weighting	Grading indicator	Week due	Learning outcomes	Cognitive Complexity
1	Report	INDIVIDUAL	600 words + graphs and tables	25	Graded	3	1,2	2. Application/Analysis
2	Report	INDIVIDUAL	1500 words + graphs and tables	60	Graded	6	2,3,4	2. Application/Analysis
3	Quiz	INDIVIDUAL	30 min	15	Graded	6	1,3,4	1. Knowledge/Comprehension

Additional assessment requirements

N/A

Prescribed learning resources

Textbooks

Nil

Online resources

You will need to visit the unit site in Blackboard each week during the teaching period. The Unit Content section in Blackboard structures your learning in the unit into six modules, which are arranged by topic rather than by equivalent amounts of work. So, some modules should take less than one week to complete while others will take a little more than one week to work through.

The Blackboard site for this unit gives you access to:

- unit information, assessment details and submission links and information
- lecture recordings and associated resources
- links to joining the tutorials and workshops, or watching the recordings

- the Discussion Board for asking questions to the Unit Assessor that other students would want to be aware of
- grades and feedback for completed assessment items.

Equipment, protective clothing and tools

Software for data management and analysis: All students will need to have access to a computer with Microsoft Office 2004 or later version (with Microsoft Excel and the Data Analysis Toolpack add-in installed).

Faculty/College	Faculty of Science and Engineering
Unit Code	STAT2003
Unit Title	Quantitative Research Methods
SCU Award Category	Undergraduate
Level of Study	Level 2: UGRD Discipline-Building Coursework
Unit Type	UG Coursework Unit
Credit Points	12
Grading Basis	Graded
Field of Education	(010199) Mathematical Sciences not elsewhere classified
Pre-requisites	
Co-requisites	
Anti-requisites	
Enrolment Information	
Enrolment Restriction	

Aim

Successful scientific surveys and experiments rely on a sound design, sampling strategy and analysis of data. This unit introduces students to intermediate-level concepts and practice for planning, implementing, analysing and interpreting surveys and experiments. The logical approach to survey design is emphasised and undertaken in practical exercises, which may involve working in groups. Common statistical methods and graphical illustration will be applied to the analysis of class data. It is expected that students undertaking this unit will have existing knowledge of introductory statistics and basic skills in data management.

Unit learning outcomes

On completion of this unit, students should be able to:

1. identify principles of study design and recognise an array of sampling techniques
2. apply R software to explore data, perform hypothesis tests and illustrate results graphically
3. conduct intermediate-level statistical analyses and select appropriate analyses for various datasets
4. collaborate and communicate scientific findings effectively in a team.

Modules

Module 1: Introduction to R for data analysis and graphing

Module 2: Experiment and survey design

Module 3: Multiple regression

Module 4: Multi-way ANOVA-designs and analysis

Module 5: Multivariate analysis and ordination

Module 6: Using statistics responsibly

Teaching Methods

Notional student workload

Scheduled hours per study period	Personal hours per study period	Total hours per study period
18	132	150

Work Integrated Learning

Work Experience Type	Hours Per Week	Number of Weeks	Total Hours
N/A			

Rationale

N/A

Teaching Methods

Teaching method	Delivery mode	Duration	Frequency
<i>China - GXUST</i>			
Workshop	On-campus	1 hour	Weekly
Tutorial	On-campus	2 hours	Weekly
<i>Online</i>			
Workshop	Online	1 hour	Weekly
Tutorial	Online	2 hours	Weekly
<i>Lismore, National Marine Science Centre Coffs Harbour, PNG - IBSU, SCU Sydney, SCU Melbourne, Perth, Gold Coast, Brisbane, Melbourne, Sydney, China - CUT</i>			
Workshop	Online	1 hour	Weekly
Tutorial	On-campus	2 hours	Weekly

Assessment

Overview

No	Type	Group/individual	Length/duration	Weighting	Grading indicator	Week due	Learning outcomes	Cognitive Complexity
1	Presentation	GROUP	10 min + 500-700 word individual reflection	40	Graded	3	1,4	2. Application/Analysis
2	Portfolio	INDIVIDUAL	1500 words + graphs, tables and R script	60	Graded	7	1,2,3	3. Synthesis/Evaluation

Additional assessment requirements

N/A

Prescribed learning resources

Textbooks

Nil

Online resources

You will need access to a Windows, MacOS or Linux computer and install the software package R (<https://www.r-project.org/>).

Equipment, protective clothing and tools

Nil

Faculty/College	Faculty of Business, Law and Arts
Unit Code	TOUR2001
Unit Title	Sustainable Tourism
SCU Award Category	Undergraduate
Level of Study	Level 2: UGRD Discipline-Building Coursework
Unit Type	UG Coursework Unit
Credit Points	12
Grading Basis	Graded
Field of Education	(080323) Tourism Management
Pre-requisites	
Co-requisites	
Anti-requisites	
Enrolment Information	
Enrolment Restriction	

Aim

Examines concepts of sustainability and regeneration in relation to tourism. Students will apply them in developing a sustainable tourism project.

Unit learning outcomes

On completion of this unit, students should be able to:

1. explain the concepts of sustainability and regeneration and apply these principles to analyse tourism practices
2. evaluate the impacts of tourism
3. create a grant application.

Modules

Module 1: Sustainability – History, concepts and current status

Module 2: Doing tourism sustainably

Module 3: Tourism impacts

Module 4: Tourism and climate change

Module 5: Grant writing for success

Module 6: Tourism for a regenerative future

Teaching Methods

Notional student workload

Scheduled hours per study period	Personal hours per study period	Total hours per study period
18	132	150

Work Integrated Learning

Work Experience Type	Hours Per Week	Number of Weeks	Total Hours
N/A			

Rationale

N/A

Teaching Methods

Teaching method	Delivery mode	Duration	Frequency
<i>Lismore, Gold Coast, SCU Sydney, SCU Melbourne</i>			
Workshop	Online	1 hour	Weekly
Tutorial	On-campus	2 hours	Weekly
<i>Online</i>			
Workshop	Online	1 hour	Weekly
Tutorial	Online	2 hours	Weekly
<i>China - DU</i>			
Residential	On-campus	–	–

Assessment

Overview

No	Type	Group/Individual	Length/duration	Weighting	Grading indicator	Week due	Learning outcomes	Cognitive Complexity
1	Map	INDIV	500 words	50	Graded	5	2	2. Application/Analysis
2	Professional Writing	INDIV	1500 words	50	Graded	7	1,2,3	3. Synthesis/Evaluation
1	Map	INDIV	500 words	50	Graded	10	2	2. Application/Analysis
2	Professional Writing	INDIV	1500 words	50	Graded	14	1,2,3	3. Synthesis/Evaluation

Additional assessment requirements

N/A

Prescribed learning resources

Textbooks

Nil

Online resources

Nil

Equipment, protective clothing and tools

Nil

Faculty/College	Faculty of Business, Law and Arts
Unit Code	TOUR2008
Unit Title	Event Operations
SCU Award Category	Undergraduate
Level of Study	Level 2: UGRD Discipline-Building Coursework
Unit Type	UG Coursework Unit
Credit Points	12
Grading Basis	Graded
Field of Education	(080319) Hospitality Management
Pre-requisites	
Co-requisites	
Anti-requisites	
Enrolment Information	
Enrolment Restriction	

Aim

Introduces students to the technical and creative processes of event operations. A case study approach is used to evaluate an event operations plan.

Unit learning outcomes

On completion of this unit, students should be able to:

1. analyse event operations processes and issues
2. evaluate an event operations plan.

Modules

Module 1: Project Management

Module 2: Promotions, marketing and staging

Module 3: Staffing

Module 4: Resources and budgets

Module 5: Risk management

Module 6: Sustainability

Teaching Methods

Notional student workload

Scheduled hours per study period	Personal hours per study period	Total hours per study period
18	132	150

Work Integrated Learning

Work Experience Type	Hours Per Week	Number of Weeks	Total Hours
N/A			

Rationale

N/A

Teaching Methods

Teaching method	Delivery mode	Duration	Frequency
<i>Gold Coast, Coffs Harbour, Lismore, SCU Sydney, SCU Melbourne</i>			
Workshop	Online	1 hour	Weekly
Tutorial	On-campus	2 hours	Weekly
<i>Online</i>			
Workshop	Online	1 hour	Weekly
Tutorial	Online	2 hours	Weekly

Assessment

Overview

No	Type	Group/Individual	Length/duration	Weighting	Grading indicator	Week due	Learning outcomes	Cognitive Complexity
1	Discussion board	INDIV	200 words (excl. references)	10	Graded	2	1	
2	Case study	INDIV	1200 words	40	Graded	4	2	
3	Case study	INDIV	1200 words	50	Graded	7	2	

Additional assessment requirements

N/A

Prescribed learning resources

Textbooks

Nil

Online resources

Nil

Equipment, protective clothing and tools

Nil

Faculty/College	Faculty of Business, Law and Arts
Unit Code	TOUR2010
Unit Title	Tourist Behaviour and Interactions
SCU Award Category	Undergraduate
Level of Study	Level 2: UGRD Discipline-Building Coursework
Unit Type	UG Coursework Unit
Credit Points	12
Grading Basis	Graded
Field of Education	(080701) Tourism
Pre-requisites	
Co-requisites	
Anti-requisites	
Enrolment Information	
Enrolment Restriction	

Aim

Uses a case-study approach to develop student's knowledge of a range of tourist behaviours at key stages in the travel experience.

Unit learning outcomes

On completion of this unit, students should be able to:

1. explain a range of tourist behaviours
2. conduct a research interview
3. contrast literature with experience

Modules

Module 1: Conceptualising the tourist within contemporary society

Module 2: Motivation, expectations and satisfaction

Module 3: Destination decision-making and destination image

Module 4: Embodiment: gender and disability in tourism

Module 5: Tourist behaviours: sightseeing, photography and shopping

Module 6: Synthesis: tourist behaviour in theory and practice

Teaching Methods

Notional student workload

Scheduled hours per study period	Personal hours per study period	Total hours per study period
18	132	150

Work Integrated Learning

Work Experience Type	Hours Per Week	Number of Weeks	Total Hours
N/A			

Rationale

N/A

Teaching Methods

Teaching method	Delivery mode	Duration	Frequency
<i>Gold Coast, Lismore</i>			
Workshop	Online	1 hour	Weekly
Tutorial	On-campus	2 hours	Weekly
<i>Online</i>			
Workshop	Online	1 hour	Weekly
Tutorial	Online	2 hours	Weekly

Assessment

Overview

No	Type	Group/Individual	Length/duration	Weighting	Grading indicator	Week due	Learning outcomes	Cognitive Complexity
1	Interview	INDIV	1500 words	50	Graded	4	1,2	2. Application/Analysis
2	Report	INDIV	2000 (new) words	50	Graded	6	3	3. Synthesis/Evaluation

Additional assessment requirements

N/A

Prescribed learning resources

Textbooks

Nil

Online resources

Nil

Equipment, protective clothing and tools

Nil

Faculty/College	Faculty of Business, Law and Arts
Unit Code	TOUR2014
Unit Title	Managing the Visitor Economy
SCU Award Category	Undergraduate
Level of Study	Level 2: UGRD Discipline-Building Coursework
Unit Type	UG Coursework Unit
Credit Points	12
Grading Basis	Graded
Field of Education	(080323) Tourism Management
Pre-requisites	
Co-requisites	
Anti-requisites	
Enrolment Information	
Enrolment Restriction	

Aim

Examines the dynamics of the visitor economy from governance, policy and stakeholder perspectives. Students will develop an industry standard portfolio for a destination of their choice.

Unit learning outcomes

On completion of this unit, students should be able to:

1. describe a visitor economy
2. analyse the role of stakeholders in visitor economy planning
3. examine visitor experience design and development best practices
4. identify trends and risks impacting the visitor economy.

Modules

Module 1: Introducing the visitor economy

Module 2: Stakeholder roles in managing the visitor economy

Module 3: Developing the visitor economy

Module 4: Designing and developing contemporary visitor experiences

Module 5: Risks to the visitor economy

Module 6: Trends influencing the visitor economy

Teaching Methods

Notional student workload

Scheduled hours per study period	Personal hours per study period	Total hours per study period
18	132	150

Work Integrated Learning

Work Experience Type	Hours Per Week	Number of Weeks	Total Hours
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N/A

Rationale

N/A

Teaching Methods

Teaching method	Delivery mode	Duration	Frequency
<i>Coffs Harbour, Gold Coast, Lismore</i>			
Workshop	Online	1 hour	Weekly
Tutorial	On-campus	2 hours	Weekly
<i>Online</i>			
Workshop	Online	1 hour	Weekly
Tutorial	Online	2 hours	Weekly

Assessment

Overview

No	Type	Group/ Individual	Length/duration	Weighting	Grading indicator	Week due	Learning outcomes	Cognitive Complexity
1	Report	IND IV	650 words	20	Graded	3	1,2	1. Knowledge/Comprehension
2	Presentation	IND IV	6 minutes	40	Graded	5	1,2,3	2. Application/Analysis
3	Report	IND IV	1200 words	40	Graded	7	4	3. Synthesis/Evaluation

Additional assessment requirements

N/A

Prescribed learning resources

Textbooks

Nil

Online resources

Nil

Equipment, protective clothing and tools

Nil