



 **INTI** International
University & Colleges™



UNIVERSITY
OF WOLLONGONG
AUSTRALIA

CRICOS Provider Code 00102E



Undergraduate
Course Guide
2019



Welcome

OUR MISSION

The University of Wollongong is a global leader in discovery and learning – working to transform people and the world we live in.

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Where doors open

We're here to open doors and support your choices while giving you the freedom and resources to chase your dream career.

5 stars

Employability, Teaching, Internationalisation, Research, Facilities, Innovation and Inclusiveness.

QS World University Rankings 2018

75.1%

of UOW graduates secure full-time employment within four months.

"Quality Indicators for Learning and Teaching (QILT) 2018"

Top rated

Best university in NSW/ACT in 8 study areas

Quality Indicators for Learning and Teaching (QILT) 2018

QILT Employer Satisfaction Survey 2017



From here to every corner

A globally recognised and respected degree from UOW is your passport to a world of opportunity.

Top 20

16th best modern university in the world.

QS Top 50 Under 50 Rankings 2018

Top 1%

Rating for UOW graduates by global employers.

QS Graduate Employability Rankings 2019

Top 2%

Overall rating among the world's universities.

"218th - QS World University Rankings 2019"

A MESSAGE FROM PROFESSOR ALEX FRINO

Deputy Vice-Chancellor (Global Strategy)

Welcome to the University of Wollongong

At UOW, we are proud to have created an environment where you can be challenged to achieve your best, to master a field and take that knowledge to the world. Our international programs are a long-term investment that you will benefit from for the duration of your career.

UOW ranks among the top two per cent of universities worldwide,¹ and in the top 20 universities aged under 50 years.² In the 2018 QS World University Rankings, UOW received five stars across student experience measures including: Employability, Teaching, Internationalisation, Research, Facilities, Innovation and Inclusiveness.

The University of Wollongong and INTI International University and Colleges have combined in Malaysia to deliver a number of degrees that offer a high-quality education and a great learning experience. Our degrees will prepare you for the contemporary work place by providing you with the necessary knowledge and skills for fast-evolving global societies and economies. They offer a stimulating and life-transforming learning experience, taught by professional and passionate teachers who are committed to ensuring you reach your potential.

You will work in an intellectually challenging, innovative and well-resourced academic environment and be among like-minded peers who share your drive and passion for success.

We offer degrees at undergraduate level at our campuses in Subang and Penang and at postgraduate level in the heart of Kuala Lumpur.

UOW, working closely with INTI, is committed to developing a student experience that leverages both institutions' connections for greater educational opportunities for students via student mobility and global experiences. A UOW education is your opportunity to turn effort into results and to connect with great minds. With the support of some of the world's best academics, our students graduate and go on to successful careers in over 149 nations around the globe.

On completion of your studies you will receive a UOW degree: an internationally recognised and respected symbol of a world-class graduate. In fact, UOW consistently ranks in the top one per cent of universities in the world for the quality of its graduates.³

I wish you every success throughout the course of your studies and beyond.



Professor Alex Frino

Deputy Vice-Chancellor (Global Strategy),
University of Wollongong

1. 218th - QS World University Rankings 2019
2. 16th in the world - QS Top 50 Under 50 Rankings 2019
3. QS Graduate Employability Rankings 2019

Top reasons to study a UOW degree at INTI

DELIVERY & ASSESSMENT

We have a dedicated office to provide students with personal assistance in regards to all UOW academic and administrative matters. Experienced staff working in close collaboration with their Australian colleagues will be able to provide the necessary counselling to help students select the right academic and career pathway.

Students will have the opportunity to meet and discuss academic matters with visiting professors from UOW.

UOW Australia will be directly involved in the learning process, by assuring the quality of all subjects in the degree.

UOW ONLINE RESOURCE LIBRARY

Students studying a UOW course at INTI will be enrolled as UOW students, which will grant them access to online resources that are available at UOW (e.g. e-books, e-journals, e-teaching and learning materials)

TRANSFER OPTIONS

Anytime after the first semester at INTI, students have the option to transfer to UOW Australia to complete one or more semesters. For more information, please visit: uow.edu.au/student/offshore

GRADUATION

Students who complete a UOW degree at INTI can choose to participate in the graduation ceremony in Malaysia, or in a graduation ceremony held in Wollongong, Australia.

SCHOLARSHIPS

UOW Undergraduate Excellence Scholarships are available for Malaysian students applying for entry into a Bachelor degree at UOW Australia, in two categories:

- A fee reduction for tuition applied for the duration of the course
- An Honours year – academically sound students from INTI can pursue a honours degree in UOW Australia by spending the fourth year of study at UOW.

For more information, please visit: uow.edu.au/future/international/apply/scholarships/

STUDY ABROAD

Attractive study abroad options are available to INTI students who wish to spend a semester at UOW, Australia. For more information, please visit: uow.edu.au/future/studyabroad

- A high achieving student may be selected to pay the local tuition fee and experience a semester at UOW Australia as an exchange student (places are strictly limited).
- Eligible students may apply for the study abroad program to spend a semester at UOW Australia and pay a discounted tuition fee.

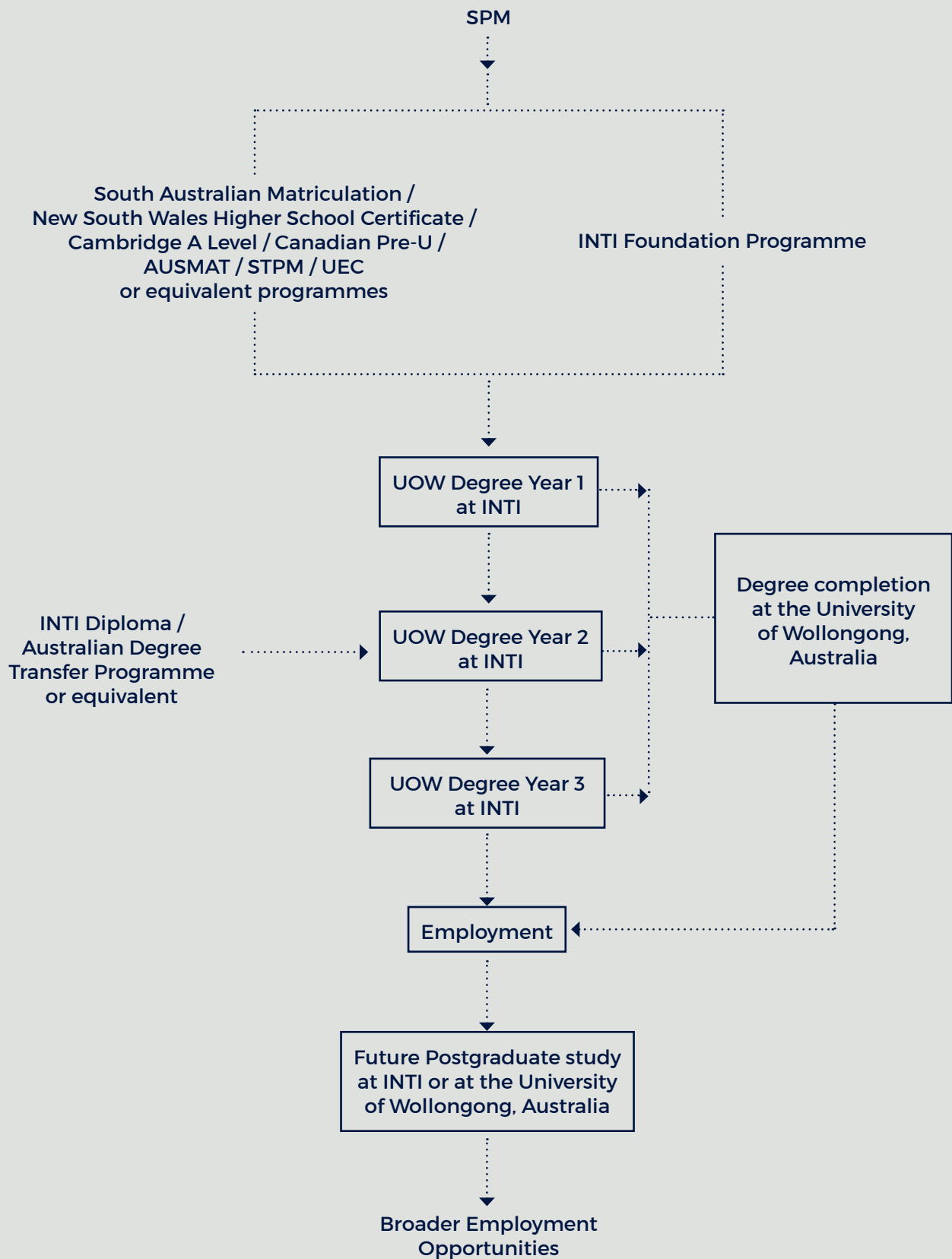
INTERNSHIPS

An internship provides an opportunity for students to integrate and apply their university knowledge in an industry context. It focuses on workplace learning as it requires students to work for a minimum duration of two months in a pre-selected organisation. INTI has a list of partners who are willing to take on students as interns. An internship is compulsory for the Bachelor of Information Technology and optional for other degrees.



Study options and academic pathways

The academic year



DEGREE STRUCTURE

The Bachelor degrees at UOW are based on a credit point structure. One year of full-time study for most degrees requires the completion of 48 credit points; 24 credit points in each of the two semesters (equivalent to eight subjects).

Individual subjects are allocated a credit point value. Most subjects have a value of six or eight credit points each.

A common full-time course structure is the completion of eight subjects per year worth six credit points each.

In this course guide, we have listed the core subjects for the degree and, where available, major and elective subjects.

You should note that not all elective subjects are necessarily offered every semester at INTI.

Students are able to graduate with a single major or, in some instances, with a double major in their areas of interest. Students also have the option of selecting a major and minor combination in some degrees.

Individual subjects shown in the course structure may have their own prerequisites that must be satisfied before you can enrol for that subject. The actual prerequisite may be another subject in the course, which means that you have to take subjects in a particular sequence. Failure to meet a prerequisite or obtain a pass grade in a particular subject, may prevent a student from completing the course within the minimum duration stated in this brochure. Subject descriptions, including prerequisite information, can be obtained from the advisers, respective Deans, or by viewing your course of interest at coursefinder.uow.edu.au

All students intending to complete a double major or major-minor combination must consult with the relevant Dean prior to enrolment to confirm availability of subjects.

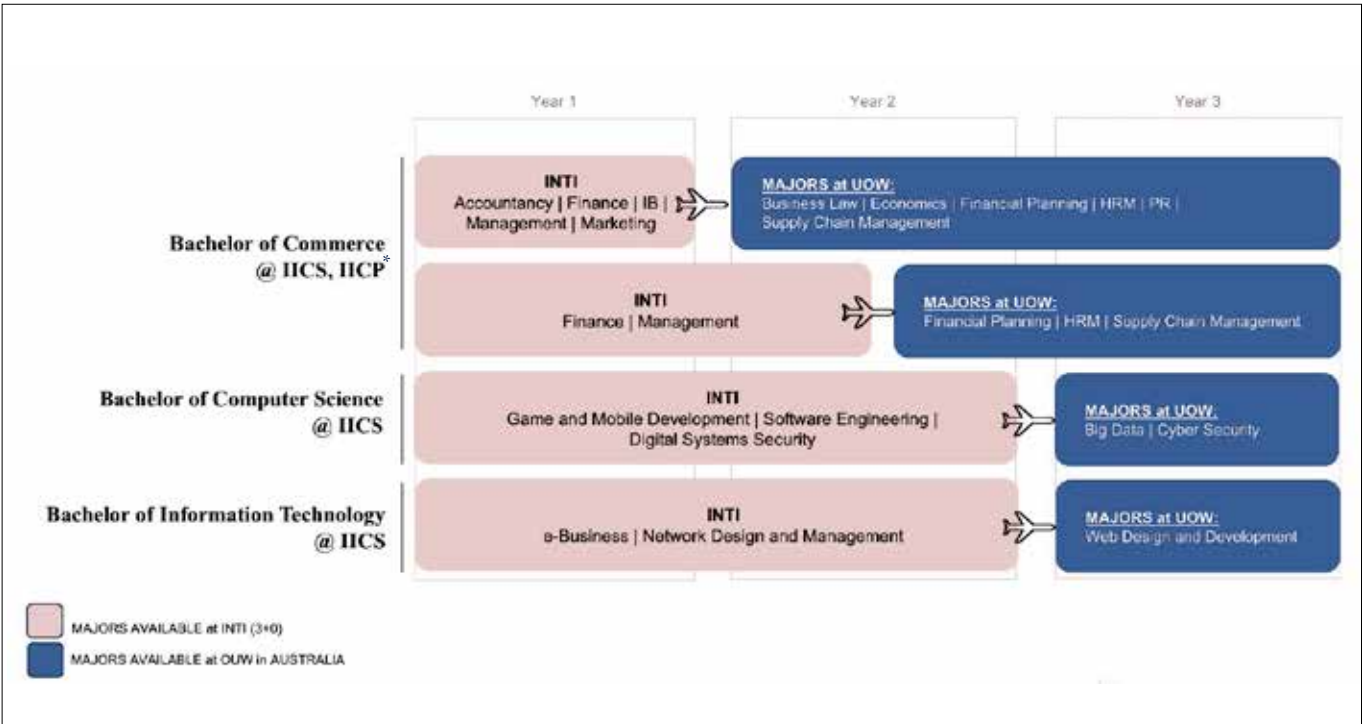
ASSESSMENT

Assessment is based on a combination of participation in class work, practical exercises, presentations, written assignments and examinations. The weighting given to each assessment method varies between subjects. This information is shown in the online subject descriptions and will be provided to you at the beginning of each subject you take.

The academic year is divided into two intakes:

- February (February–June)
- July (July– December)

INTERNATIONAL STUDY OPTIONS WITH UOW AT INTI



*IICS (INTI International College, Subang)
 IICP (INTI International College, Penang)

English language requirements

All students enrolling in UOW degrees are required to demonstrate a high level of proficiency in the English language. The Students must obtain one of the following qualifications or its equivalent.

The English requirements for each degree are shown below. The requirements are shown for IELTS, TOEFL, SPM English and STPM English.

For full details go to:
uow.edu.au/future/international/apply/english

PREVIOUS STUDY IN ENGLISH

Applicants may meet the English language requirements based on successful study in Australia or offshore where English was the language used.

STUDY IN AUSTRALIA OR AUSTRALIAN QUALIFICATIONS OFFSHORE

Successful completion of the following qualifications may satisfy the University’s English language requirement:

- Year 12 in Australia, or any Australian Year 12 qualification completed offshore;
- Foundation Studies, Certificate IV or Diploma with a minimum duration of one year (full-time) completed in Australia; or any of these qualifications completed at an Australian institution offshore;
- At least one year (full-time) of study toward a Bachelor or Masters degree in Australia, or at an Australian institution offshore.

	OVERALL	READING	WRITING	LISTENING	SPEAKING
IELTS					
BACHELOR OF COMMERCE	6.0	6.0	6.0	5.0	5.0
BACHELOR OF COMPUTER SCIENCE	6.0	6.0	6.0	6.0	6.0
BACHELOR OF INFORMATION TECHNOLOGY	6.0	6.0	6.0	6.0	6.0
TOEFL					
BACHELOR OF COMMERCE	79	18	18	16	16
BACHELOR OF COMPUTER SCIENCE	79	18	18	18	18
BACHELOR OF INFORMATION TECHNOLOGY	79	18	18	18	18
SPM ENGLISH	Minimum C grade				
STPM ENGLISH	Minimum D grade in English 920				

Entry requirements

QUALIFICATION	BACHELOR OF COMMERCE	BACHELOR OF COMPUTER SCIENCE/ BACHELOR OF INFORMATION TECHNOLOGY
INTI FOUNDATION	Having completed an INTI Foundation Program with an average of 60%	Having completed an INTI Foundation Programme with an average of 60%
INTI DIPLOMA	Having completed INTI Diplomas (Diploma in Business Administration, Diploma in Business , Diploma in Accounting) with an average of 60%. Direct entry into Year 2	Having completed INTI Diplomas (Diploma in Information & Communication Techology, Diploma in Network Security) with an average of 60%. Direct entry into Year 2
SIJIL TINGGI PERSEKOLAHAN MALAYISA (STPM)	Aggregate of 6 in the best 3 subjects (A=7, A-=6, B+=5, B=4, B-=3, C+=2, C=1,) Pass in Mathematics at SPM Level	Aggregate of 6 in the best 3 subjects (A=7, A-=6, B+=5, B=4, B-=3, C+=2, C=1,)
SENIOR UNIFIED EXAMINATION CERTIFICATE (UEC)	At least 5Bs and aggregate of 18 in best 5 subjects	5Bs including credits in maths, aggregate of 18 in best 5 subjects
	(A1=8, A2=7, B3=6, B4=5, B5=4, B6=3, C7=2, C8=1)	(A1=8, A2=7, B3=6, B4=5, B5=4, B6=3, C7=2, C8=1)
A LEVEL (CAMBRIDGE INTERNATIONAL A LEVEL AND GCE A LEVEL)	Minimum value of 8 must be achieved in an aggregate of the best 3 Advanced (A2) subjects. Grades for A Levels are : A*=6, A=5, B=4, C=3, D=2, E=1. Advanced subsidiary (AS) subjects are not used in calculating the aggregate.	Minimum value of 8 must be achieved in an aggregate of the best 3 Advanced (A2) subjects. Grades for A Levels are : A*=6, A=5, B=4, C=3, D=2, E=1. Advanced subsidiary (AS) subjects are not used in calculating the aggregate.
AUSTRALIAN DEGREE TRANSFER PROGRAM (ADTP) AT INTI	Having completed the relevant subjects in Year 1 with an average mark of 60%. Direct entry into Year 2	For BIT, having completed the relevant subjects in Year 1 with an average mark of 60%. Check with Faculty of EIS for BCompSci. Direct entry into Year 2
CANADIAN PRE-U OR ONTARIO SECONDARY SCHOOL DIPLOMA	Minimum average score of 65% across 6 grade 12University (U) or College Preparation (M) courses including 12U English.	Minimum average score of 65% across 6 grade 12University (U) or College Preparation (M) courses including 12U English.
AUSTRALIAN YEAR 12 (E.G NSW HSC, SACE, AUSMAT) SOUTH AUSTRALIAN MATRICULATION	Minimun Australian Tertiary Entrance Rank (ATAR) of 75	Minimun Australian Tertiary Entrance Rank (ATAR) of 75
UNIVERSITY OF NEW SOUTH WALES (UNSW) FOUNDATION		Minimum GPA of 6.8
MONASH UNIVERSITY FOUNDATION YEAR (MUFY)	Percentage average of best four subjects (may include English) must be at least 60	Percentage average of best four subjects (may include English) must be at least 60

Note: For Bachelor of Information Technology, students need to obtain credit in Mathematics at SPM level or equivalent.
For Bachelor of Computer Science, students need to obtain credit in Additional Mathematics at SPM level or equivalent.
Please refer to uow.edu.au/future/international/apply/credit/malaysia

Bachelor of Commerce

The business sector is one of the world’s largest employers offering varying roles and careers. Business plays an important role in facilitating the evolution of a complex global economy by providing solutions to problems in a sustainable and ethical way.

The Bachelor of Commerce provides you with the knowledge and experience to move into many types of business careers, such as international business, finance, public relations, management and marketing. You will develop a comprehensive knowledge of business and organisations, and the skills to analyse business issues in local, national and international contexts.

This degree provides you with an active learning environment that fosters and sustains your growth in professional competence, broader skills, poise and values essential for responsible citizenship and leadership in the local and international business community.

DURATION

3 years

SEMESTERS

Two 18-week semesters of study in a year (February & July intakes)

MAJORS AND MINORS AVAILABLE AT INTI:

SUBANG

ACCOUNTANCY

KPT/JPS (R/344/06/0381)01/2021-MQA/FA0170

FINANCE

KPT/JPS (R/343/06/0182)01/2021-MQA/FA0172

MANAGEMENT

KPT/JPS (R/345/06/0779)01/2021-MQA/FA0168

MARKETING

KPT/JPS (R/342/06/0149)02/2021-MQA/FA0169

INTERNATIONAL BUSINESS

KPT/JPS (R/340/06/0326)08/2023-MQA/FA3428

PENANG

ACCOUNTANCY

KPT/JPT(R/344/6/0042) 05/2021-MQA/FA0681

FINANCE

KPT/JPT(R/343/6/0016)05/2021-MQA/FA0682

MANAGEMENT

KPT/JPT(R/345/6/0020)05/2021-MQA/FA0683

MARKETING

KPT/JPT(R/342/6/0021)05/2021-MQA/FA0684

INTERNATIONAL BUSINESS

KPT/JPT(N/340/6/0663)02/2021-MQA/FA8118

CORE SUBJECTS

- Accounting Fundamentals in Society
- Principles of Responsible Business
- Economic Essentials for Business
- Statistics for Business
- Introductory Principles of Finance
- Marketing Principles
- Introduction to Management

Plus at least one of the following core electives:

- Accounting in Organisations
- Business Communications

Plus the capstone subject:

- Integrative Business Capstone

Majors in the Bachelor of Commerce available at INTI

ACCOUNTANCY

Accountancy is about providing useful (reliable, timely and accurate) information for decision makers, especially in relation to economic decisions. Whether you are working for a multinational company, a government agency or in public practice, accountants play a pivotal role in advising senior management on the financial performance and direction of the organisation. If you’re the type of person interested in business and have an aptitude for both logical and critical thinking, accountancy might be the right choice for you.

SUBJECTS AVAILABLE WITHIN THE ACCOUNTANCY MAJOR ARE AS FOLLOWS:

- Financial Accounting IIA
- Financial Accounting IIB
- Management Accounting II
- Information Systems in Accounting
- Corporate Finance
- Financial Accounting III
- Management Accounting III
- Auditing and Assurance Services
- Law, Business and Society
- Law of Business Organisations
- Taxation Law

PLUS FOUR ELECTIVES FROM ANY FIELD OF STUDY

e.g. Marketing, Finance, Management, Economics, International Business

PROFESSIONAL RECOGNITION:

Graduates of the Bachelor of Commerce (Accountancy) meet the accreditation requirements of CPA Australia, Chartered Accountants Australia and New Zealand, the Institute of Public Accountants, and the Association of Certified Chartered Accountants. Exemptions in the qualifying programs for membership of the Association of International Accountants (AIA) and the Malaysian Institute of Certified Public Accountants (MCPA) are also available to graduates, as is associate membership of The Tax Institute.

MANAGEMENT

Management is the art and science of organising assets to reach a goal. Studying management you will learn how to interpret the procedures and systems used in an organisation to assess how individuals and the organisation as a whole can best operate. You will develop skills in decision-making, conflict resolution, administration and communication.

SUBJECTS AVAILABLE WITHIN THE MANAGEMENT MAJOR ARE AS FOLLOWS:

- Organisational Behaviour
- Managing Human Resources
- Management of Change
- Strategic Management
- Operations Management
- Responsible Leadership
- Managing Across Cultures
- International Business Management

PLUS SEVEN ELECTIVES FROM ANY FIELD OF STUDY

(e.g. Marketing, Finance, Accountancy, Economics, International Business)



“ While there are other options out there, I decided the UOW program was for me because of its comprehensive coverage of subjects. My sister, who is also an INTI graduate, convinced me this would be the best decision I could make for myself – she was right! In my program, even if you’re an

accounting major, you get adequate exposure to finance, taxation and economics. All these extras give you a huge edge when you go out into the working world.

Although I did not have any internship program, I was involved in a few of Dell recruitment events, which eventually secured me my fantastic job.”

LIM LEAN NA
Bachelor of Commerce (Accounting)

Majors in the Bachelor of Commerce available at INTI

MARKETING

Marketing is a set of activities for creating, communicating, and delivering products and services, and facilitating relationships to deliver value better than competitors, for consumers, clients and society. Marketing is essential to all organisations, including manufacturers, wholesalers, retailers. It is also essential for professional services firms, including lawyers, accountants, and architects and non-profit institutions such as charities and museums.

SUBJECTS AVAILABLE WITHIN THE MARKETING MAJOR ARE AS FOLLOWS:

- Introductory Marketing Research
- Consumer Behaviour
- Services Marketing
- Integrated Marketing Communications Strategy
- Marketing Strategy
- Marketing Effectiveness
- International Marketing
- Advertising Practice & Creative Strategies

PLUS SEVEN ELECTIVES FROM ANY FIELD OF STUDY

(e.g. Accountancy, Finance, Management, Economics, International Business)

Graduates with a Bachelor Commerce (Marketing) may be eligible for membership of Australian Market and Social Research Society (AMSRS) & Australian Marketing Institute (AMI).*

FINANCE

Finance is the management of money. In practice, it incorporates maths, economics, statistics and accounting to provide a balanced view of money, the markets it works in and the tools used to manage it. Modern finance is a combination of rigorous, scientific measurement and creative, practical problem-solving.

SUBJECTS WITHIN THE FINANCE MAJOR ARE AS FOLLOWS:

- Financial Accounting IIA
- Corporate Finance
- Investment Analysis
- Financial Markets and Institutions
- Applied Financial Modelling
- Advanced Corporate Finance
- Portfolio Analysis
- Financial Statement Analysis/Financial Economics/International Finance

PLUS SEVEN ELECTIVES FROM ANY FIELD OF STUDY

e.g. Marketing, Accountancy, Management, Economics, International Business)

PROFESSIONAL RECOGNITION:

Graduates of the Bachelor of Commerce (Finance) may be eligible for membership of the Financial Services Institute of Australasia (FINSIA) and the Finance & Treasury Association (FTA)

INTERNATIONAL BUSINESS

International Business gives you an awareness and understanding of business in other cultures and regions. You will gain an understanding of leadership, strategy, cultural diversity, communication and decision-making as they relate to contemporary international business issues. Major topics covered include financial management; employment relations; industry and trade in South East Asia; international marketing and management; and business in Europe.

SUBJECTS AVAILABLE WITHIN THE INTERNATIONAL BUSINESS MAJOR ARE AS FOLLOWS:

- International Economics
- Industry and Trade in Asia
- International Financial Management
- Managing Across Cultures
- Strategic Management
- International & Comparative Human Resource
- International Marketing
- International Business Management

PLUS SEVEN ELECTIVES FROM ANY FIELD OF STUDY

(e.g. Marketing, Finance, Management, Economics, Accountancy)

POPULAR DOUBLE MAJORS INCLUDE:

- Accountancy and Finance
- Finance and Economics
- Finance and Marketing
- Finance and Management
- Management and Marketing
- International Business and Marketing

Students will be required to complete an additional 1-5 subjects to fulfill the double major requirement upon consultation with the Dean.



“ I knew from the get-go that I wanted to go into INTI. When I asked family and friends about institutions for tertiary education, the recommendations would always end up at the same name – INTI! Finding out that UOW was ranked as the top two per cent university sealed the deal. I never regretted my choice.

My holistic experience in INTI definitely expanded my horizon to see education beyond academic achievements. The best memory of my campus life is going on trips with good friends that I’ve made in INTI. I had the opportunity to explore my interests in singing and basketball too. I was a part of the choir club and I used to stay back in college sometimes to play basketball with my mates.”

DOMINIC CHOONG SEONG CHOON
Bachelor of Commerce (Marketing)

Majors in the Bachelor of Commerce available at UOW

Students can pursue the following majors under a credit transfer arrangement, whereby students complete selected subjects in INTI and transfer to UOW to complete the remaining subjects of study. (e.g: 4-8 subjects)

Students seeking to transfer to UOW should be aware that Wollongong campus international student tuition fees are available at uow.edu.au/future/international/apply/fees

FINANCIAL PLANNING

Financial planners must have an understanding not only of finance but also of accounting, management and marketing. Financial planning is the design of specific financial strategies to meet a client’s unique needs and objectives, given their financial resources and risk profile. Its broad approach is to fulfill clients’ total needs, incorporating investment planning, taxation and social services planning, retirement planning, risk planning, and estate planning. Some financial planners specialise in particular fields such as superannuation, managed investment, personal risk insurance, investment advice, estate planning, personal financial needs or career planning.

SUBJECTS AVAILABLE WITHIN THE FINANCIAL PLANNING MAJOR ARE AS FOLLOWS:

- Law, Business & Society
- Taxation for Financial Planners
- Investment Analysis
- Personal Finance
- Risk and Insurance
- Portfolio Analysis
- Retirement & Estate Planning
- Advanced Financial Planning

PLUS ELECTIVES FROM ANY OTHER FIELD OF STUDY WITHIN THE COMMERCE DISCIPLINE



“ The highlight of my time at the University so far has been the wide range of opportunities that the University make available. I was empowered by the employer projects, external speaker events and business case competitions. The networks I build from these events, secured me both my internship at Axiata and current role at Shell Business Operations. Without doubt, UOW provided me with the right platform and support system. My advice to future students: embrace your course with vivacity and rise to new challenges. You will be amazed by the journey.”

THARANI VENKIDASALM
Bachelor of Commerce (Economics)

HUMAN RESOURCE MANAGEMENT

Human resource management is concerned with finding the right staff for an organisation and – having employed them – looking after them so they want to stay and give their best to their job. If you prefer working with people, you might consider a career in human resource management. Rather than focusing solely on the economic bottom line, you will learn about motivational factors, social and individual wellbeing, human rights and ethics.

SUBJECTS AVAILABLE WITHIN THE HUMAN RESOURCE MANAGEMENT MAJOR ARE AS FOLLOWS:

- Organisational Behaviour
- Recruitment & Selection
- Managing Human Resources
- Employee Relations Management
- Management of Change
- Strategic Management
- Workforce Health & Safety Management
- Learning and Development in Organisations

PLUS ELECTIVES FROM ANY OTHER FIELD OF STUDY WITHIN THE COMMERCE DISCIPLINE

SUPPLY CHAIN MANAGEMENT

Supply chain management is concerned with the entire lifecycle of a product or service, from before it’s made, to how it’s disposed of, and how it moves between every stage. As well as goods and services, supply chain managers analyse and manage information from the suppliers, through intermediaries, to the customer. It includes managing technical processes and systems: both within the firm (procurement, manufacturing and marketing) and between organisations, such as manufacturers, distributors, wholesalers and retailers.

SUBJECTS AVAILABLE WITHIN THE SUPPLY CHAIN MANAGEMENT MAJOR ARE AS FOLLOWS:

- Systems Thinking & Simulation
- Principles of Supply Chain Management
- Supply Chain Strategies
- Strategic Management
- Operations Management
- Logistics Management
- Continuous Quality Management
- Small Business Management

PLUS ELECTIVES FROM ANY OTHER FIELD OF STUDY WITHIN THE COMMERCE DISCIPLINE

Bachelor of Computer Science

Information and Communication Technology (ICT) underpins everything we do in today's digital world. Every industry, from creative to finance, to healthcare, agriculture and transport is transforming and creating demand for ICT talent.

Computer scientists focus on computation and its applications, designing methods, tools and writing programs for computer applications. These applications can be in areas such as computer systems to control machinery, information management and big data, applications for mobile devices, stock market trend analysis, game design, visualisation of chemical reactions, neural network design, computational geometry for robot navigation, patient monitoring in hospitals, and much more.

The Bachelor of Computer Science is recognised for professional accreditation with the Australian Computer Society.

DURATION

3 years

SEMESTERS

Two 18-week semesters of study in a year (February & July intakes)

MAJORS AND MINORS AVAILABLE AT INTI:

SUBANG:

DIGITAL SYSTEMS SECURITY

KPT/JPT(R/481/6/0634)01/2021-MQA/FA0175

SOFTWARE ENGINEERING

KPT/JPT(R/523/6/0248)01/2021-MQA/FA0174

GAME AND MOBILE DEVELOPMENT

KPT/JPT(R/481/6/0721)07/2021-MQA/FA0501

CORE SUBJECTS

YEAR 1

- Programming Fundamentals
- Problem Solving
- System Analysis
- Data Management & Security
- Object Oriented Design & Programming
- Networks and Communications
- Introduction to Web Technology

YEAR 2

- IT Project Management
- Human Computer Interaction
- Advanced Programming
- Mathematics for Computer Science
- Database Systems
- Algorithms & Data Structures

YEAR 3

- Software Development Methodologies
- Project

Computer Science majors available at INTI

GAME AND MOBILE DEVELOPMENT

The Game and Mobile Development major has been designed to meet the current global demand for skilled graduates in the areas of game and multimedia system development. This major will equip you with skills to apply techniques to the development of video games and related systems on computer and mobile platforms, including devices such as mobile phones, tablets and wearable devices. You will be able to identify approaches to solving real-world problems in video games and multimedia systems. In addition, you will develop both traditional computer science skills as well as creative skills, including visualisation, interaction and communication skills.

MAJOR SUBJECTS:

3D Modelling & Animation

CHOOSE ANY 3 OF:

- 3D Modelling and Animation
- Interactive Computer Graphics
- Mobile Multimedia
- Game Engine Essentials
- Multicore and GPU Programming

DIGITAL SYSTEMS SECURITY

The Digital Systems Security major focuses on the theoretical and practical applications of information and digital security across a range of subjects, including: operating systems security; file and data protection; heterogeneous computing; systems architecture; cryptography and its secure applications; and network and telecommunications security.

MAJOR SUBJECTS:

- System Security
- Cryptography & Secure Applications
- Network Security
- Multicore & GPU Programming



“During my time in INTI, I got the chance to take part in an employer project with IBM Malaysia, which required us to find a way to improve the productivity of their customer support. My team and I, along with our lecturers, brainstormed for a few days, listing down all the different possibilities and their respective benefits and drawbacks. Eventually, my team and I made a decision that stepping into the mobile world will allow our client to segregate themselves from the traditional help desk services used by other industries.”

HOW WEE SHENG
Bachelor of Computer Science (Software Engineering)

SOFTWARE ENGINEERING

Software Engineering incorporates all aspects of software production from business strategy design, coding, testing, quality and management of large-scale complex software systems. You will study a wide range of programming principles and software development methodologies, processes, problem-solving concepts and maintenance for automated systems. You will also learn software engineering principles and practices to plan, design and develop high quality and complex software systems.

MAJOR SUBJECTS:

- Knowledge & Information Engineering
- Software Engineering Practices & Principles
- Software Design
- Web Modelling

DOUBLE MAJORS:

Students may combine any two of the Computer Science majors for a double major.

COMPUTER SCIENCE MAJORS AVAILABLE AT UOW

These additional majors include:

- Big Data
- Cyber Security

Students can pursue this major under a 1 + 2, 1.5 + 1.5 or 2 + 1 arrangement, whereby students complete up to two years of studies in INTI and transfer to UOW to complete the remaining years of studies.

Students seeking to transfer to UOW should be aware that Wollongong campus international student tuition fees are available at uow.edu.au/future/international/apply/fees



“I chose to join INTI because their IT programmes were developed in partnership with the University of Wollongong. Both INTI and UOW are top universities with a global reputation academically and offer quality education. Being able to study close to home and still graduate with an Australian degree sealed my confidence in INTI's dedication to set students up for a world-class education.”

NG CHUN HOW
Bachelor of Computer Science (Software Engineering)

Bachelor of Information Technology

Information and Communication Technology (ICT) underpins everything we do in today's digital world. Every industry, from creative to finance, to healthcare, agriculture and transport is transforming and creating demand for ICT talent.

UOW has experts encompassing the entire breadth of the underlying sciences, IT, engineering and mathematical methodologies in the ICT industry. Working closely with industry partners we ensure that all programs remain relevant to industry trends and developments. Students study real-world projects and interact with, and learn from industry professionals to ensure their job-readiness upon graduation.

The Bachelor of Information Technology is recognised for professional accreditation with the Australian Computer Society.

DURATION

3 years

SEMESTERS

Two 18-week semesters of study in a year
(February & July intakes)

MAJORS AND MINORS AVAILABLE AT INTI:

SUBANG

EBUSINESS

KPT/JPS (R/482/6/0073)01/2021-MQA-FA0181

NETWORK DESIGN & MANAGEMENT

KPT/JPS (R/482/6/0074)01/2021-MQA-FA0180

CORE SUBJECTS

YEAR 1

- Programming Fundamentals
- Problem Solving
- System Analysis
- Data Management & Security
- Object Oriented Design & Programming
- Networks and Communications
- Introduction to Web Technology

YEAR 2

- IT Project Management
- Human Computer Interaction
- Mathematics for Information Technology
- Management Information Systems
- Principles of eBusiness
- Knowledge and Information Engineering

YEAR 3

- Software Development Methodologies
- Project

Majors in the Bachelor of Information Technology

eBUSINESS

Our ability to conduct business online is increasingly an essential feature of any organisation's operations. It helps us to streamline business processes and open new markets for products and services. With eBusiness tools we can better manage internal processes, such as financial and administration systems, and improve external processes, such as sales and marketing, supplying goods and services, electronic transactions, and developing effective customer relationships. You'll develop an understanding of the organisational environment and a working knowledge of the technologies used successfully in the eBusiness environment.

MAJOR SUBJECTS:

- Management & Electronic Business
- Strategic Systems Management
- Strategic e-Business Solutions
- Business Process Management

DOUBLE MAJORS:

Students may combine any two of the IT majors as a double major. To be awarded with a double major, candidates must ensure that four of the subjects selected satisfy the requirements of one major and that a separate set of four subjects satisfies the requirements of a second major, i.e. any subject counted towards one major cannot also be counted towards a second major.

INFORMATION TECHNOLOGY MAJORS AVAILABLE AT UOW

These additional majors include:

- Web Design and Development
- Social and Digital Innovation

Students can pursue these majors under a 1 + 2, 1.5 + 1.5 or 2 + 1 arrangement, where by students complete up to two years of studies in INTI and transfer to UOW to complete the remaining years of studies.

Students seeking to transfer to UOW should be aware that Wollongong campus international student tuition fees are available at uow.edu.au/future/international/apply/fees



“I was first attracted to INTI because of its wide variety of industry-focused courses. I had just completed my SPM and was going through a confusing phase where I had no clue what to study next. When I approached the INTI mentors with my questions, they gave me a career field test and provided me with invaluable guidance on the best course for me. I learnt so much from their consultation sessions that I was able to make an informed decision to pursue IT. I liked that the degree served as a foundation in moulding me towards becoming technically prepared for the industry.”

ANNABELLE
Bachelor of Information Technology
(Network Design & Management)



“I chose the UOW IT degree because of my interest in networking and security studies. The degree covers most of the areas of knowledge that I need for my career. The challenges that I faced throughout my studies were the overwhelming coursework and my strong will to achieve distinctions in my subjects. These of course could be overcome by proper time management.”

CHEONG CHOON YIN
Bachelor of Information Technology
(Network Design & Management)

We're looking forward to meeting you

Your international education begins the moment you step into INTI, where innovative learning, academic excellence and personal development are all part of your UOW degree. With the world as your classroom, you will quickly gain a head start in achieving your aspirations.

The future is filled with opportunities. And we will make sure you'll be world-ready for them.

Our students are the driving force here at INTI. It is their vibrant energy, idealism and hungry minds that constantly refresh our spirits and inspire us to go the extra mile for them. We take pride in their progress and achievements, and we believe that they deserve no less than the highest-quality education available today.

INTI is purpose-built to match your expectations and aspirations. Beyond the welcoming gates, a visionary, state-of-the-art 10-storey campus reaches to the skies, equipped with cutting-edge facilities and clever conveniences that take education to a higher plane.

Wi-fi is available throughout the entire campus, enabling students to make themselves at home anywhere on the premises, whether that's under a tree or in our comprehensive and well-stocked library. The super-fast optic fibre connection ensures information flows smoothly, and our laptop-equipped lecturers are able to communicate easily with their students, creating an atmosphere of constant interaction and learning.



Education that Empowers

INTERNATIONAL EXPOSURE

The world is your classroom. Widen your views to widen your prospects.



UOW Exchange scholars to Wollongong campus
– 1 semester in Wollongong campus at local fees.



Students from UOW Wollongong
campus on Study Tour to IICS



Study Tour to UOW, Wollongong Campus

INNOVATIVE LEARNING

Experience is a great teacher. Gain from industry exposure and learning innovations.



Hacks2Hire - Hackathon



Practical class for Services Marketing

INDIVIDUAL DEVELOPMENT

Personal growth ensures employability. Enjoy a head start in the job market.



Students in Unicode competition



Employer project with IBM



UOW Students attending
CPA Congress 2017 at One World Hotel.

**EMPOWERED TO
TAKE ON THE WORLD!**

LEARN MORE

www.newinti.edu.my

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