Welcome to the University of Wollongong in Dubai

UOWD is a vibrant, dynamic and diverse institution, with a strong Australian heritage. Over our twenty years of existence in Dubai, we stand proud as one of the oldest and most prestigious universities in the UAE, offering the best traditions of western education in a truly multicultural learning environment. We have gained an international reputation for the quality of our educational practices and are now recognized as an integral part of Dubai's academic landscape.

Combining the academic excellence of Australia's 12th highest ranking university with the culture and excitement of the cosmopolitan city of Dubai, we offer a dynamic, stimulating and rewarding learning environment. The UOWD campus is home to over 3,500 students from 105 countries being taught by academics of more than 35 nationalities

Our student-centred approach to learning ensures that our graduates are armed with not just technical knowledge, but also a range of professional skills – problem-solving, communication research, analysis and entrepreneurialism – that set them apart from their peers. Our 5,950 alumni include many high profile graduates in senior positions in public and private sectors across the region, bearing testimony to their high employability.

UOWD works closely with the University of Wollongong in Australia, which is ranked in the top 2% of universities worldwide. This longstanding tradition of academic excellence will enhance your educational experience and ensure that your time at UOWD will be an outstanding investment in your future, as we strive for even more exciting learning opportunities for our students.

So, welcome again to UOWD - your Australian university in Dubai.

Professor Mohamed Salem
President

History of UOWD

The University of Wollongong in Dubai (UOWD) is one of the UAE's oldest and most prestigious universities. Established in 1993 by the University of Wollongong in Australia – currently ranked among the leading universities in the world – UOWD represented a very early Australian initiative in the Gulf region. From a small beginning opposite Al Mulla Plaza, through the landmark presence on Jumeirah Road, to the current location at Dubai Knowledge Village, UOWD is now recognised as being an integral part of Dubai.

As an independent UAE institution of higher education, UOWD attracts students not just from the UAE and Australia but from all over the world. Approximately 3,500 students representing over one hundred nationalities are currently enrolled at UOWD enjoying a quality academic experience.

UOWD offers a variety of specialist degree programs in four subject areas – Business and Management, Finance and Accounting, Computer Science and Engineering and Humanities and Social Sciences – each of which are directly linked to the human resource needs of the UAE.

All UOWD degree programs are accredited by the UAE Ministry of Higher Education and Scientific Research. In addition, the Australian Tertiary Education Quality Standards Agency (TEQSA) includes UOWD in its audits of UOW. The internationally recognised qualifications enable UOWD graduates to pursue rewarding careers in Dubai's burgeoning employment market. UOWD Alumni include many high profile graduates placed in prominent positions in both the public and private sectors across the region.

UOWD's Language Studies Centre offers language courses in English and Arabic. They range from English language study for University preparation to part time Arabic classes and English language teacher training. The Arabic program focuses on the cultural as well as the linguistic traditions, enabling participants to experience and enjoy Dubai's diverse heritage.

The University's faculty is a mix of locally and internationally recruited academics with extensive teaching, business and industry experience. They bring years of knowledge gained from research in their respective fields into the classroom providing students with a stimulating academic environment. Classes are small in number, allowing the lecturers to cater to the students' individual needs.

Since its inception, the University of Wollongong in Dubai has built a reputation for quality, credibility and integrity, and is held in high esteem by its students, alumni, business, industry and government. The institution maintains a long and proud tradition of excellence in education combined with liberal values of enquiry and continuously strives to provide a fertile environment for bright young minds to flourish, where critical thinking is both encouraged and nurtured. These are the qualities that characterise great institutes of learning.

UNIVERSITY OF WOLLONGONG IN DUBAI

OUR VISION

As an international-level teaching and research-oriented institution of higher-level learning, the University of Wollongong in Dubai is committed to:

1. making a significant contribution to educational and professional learning;
2. facilitating high calibre undergraduate and postgraduate students to pursue their educational goals, determine the direction of their lives, and contribute significantly to their profession, community, and society;
3. providing an international learning experience, so that students value cultural diversity;
4. recruiting academic and administrative staff who are of the highest quality, are committed to integrating the need for quality assurance with the need for change, promoting innovation and are creating an environment of continuous improvement.

It is against this background that the University has developed its vision: to be one of the top nationally accredited universities in the UAE.

We will be recognised for the high quality of our teaching as well as strong research activity (with outcomes that contribute to the development of the region), innovative degree programs (that are relevant and up-to-date), cultural diversity and valuable international connections, and effective engagement with commerce, industry, government and the UAE community.

Unlocking Potential through Learning is the guiding principle for all UOWD educational activities.

The University will achieve its Vision by pursuing the following Goals, to:

- Offer innovative, current and relevant programs that are accessible to a range of students, and deliver them with high quality teaching.
- Engage in high-quality research with outcomes that will benefit the region, and to have effective programs for research training.
- Have active collaborations with government, schools, industry, business and alumni, to enhance our research and teaching and build a strong support base for the University.
- Have a student body that is engaged with university life, satisfied with their experience, and well prepared for a career.
- Be a university community of international outlook, which provides our students with an international experience and students from other countries with the opportunity to learn about the UAE.
- Have the business capacity, systems and performance that enable us to reach our core goals effectively and efficiently.
- Recruit and retain skilled and motivated staff.

OUR VALUES

UOWD has adopted the following set of values, which guide the behaviour of staff in all parts of the University. These are also values we expect our graduates to develop and refine through their learning at UOWD.

Passion: we love what we do
Creativity: we are innovative and imaginative
Exceptional performance: we encourage everyone to shine; to go above-and-beyond
Collaboration: we share knowledge, expertise and resources
Integrity: we are honest, ethical and reliable
Courage: we speak our mind, take the initiative, and are steadfast in our decisions

INSTITUTIONAL GOALS

The University has identified the following goals as the key components of its vision to be one of the first-choice private Universities in the region.

1. UOWD Growth and Positioning. To build the University into a larger institution with an active doctoral research program and a broader range of disciplines, improve the University's standing and reputation in the MENA region, and make the University's programs more accessible in Abu Dhabi and other Emirates.
2. Preparing our Graduates. To offer innovative, current and relevant programs, deliver our programs with high quality teaching and make them accessible to a range of students; to have a student body that is engaged with university life, satisfied with the UOWD experience, and well prepared for a future career.
3. Research and Research Training. To engage academic staff and students in high-quality research with outcomes that will benefit the region, and to have effective programs for research training.
4. Partnerships and Community Engagement. To have active collaborations with government, schools, industry, business and alumni, to enhance our research and teaching and build a strong support base for the University. Facilitate closer connections and collaborations between the University of Wollongong (Australia) and the Gulf, Middle East, and surrounding regions.
5. Internationalisation. To be a university community of international outlook, which provides our students with an international experience and students from other countries with the opportunity to learn about the UAE.
6. Staff. To recruit and retain skilled and motivated staff.
7. Organisational Excellence. To have the business capacity, systems and performance that enables us to reach our goals effectively and efficiently.

LICENSURE & ACCREDITATION

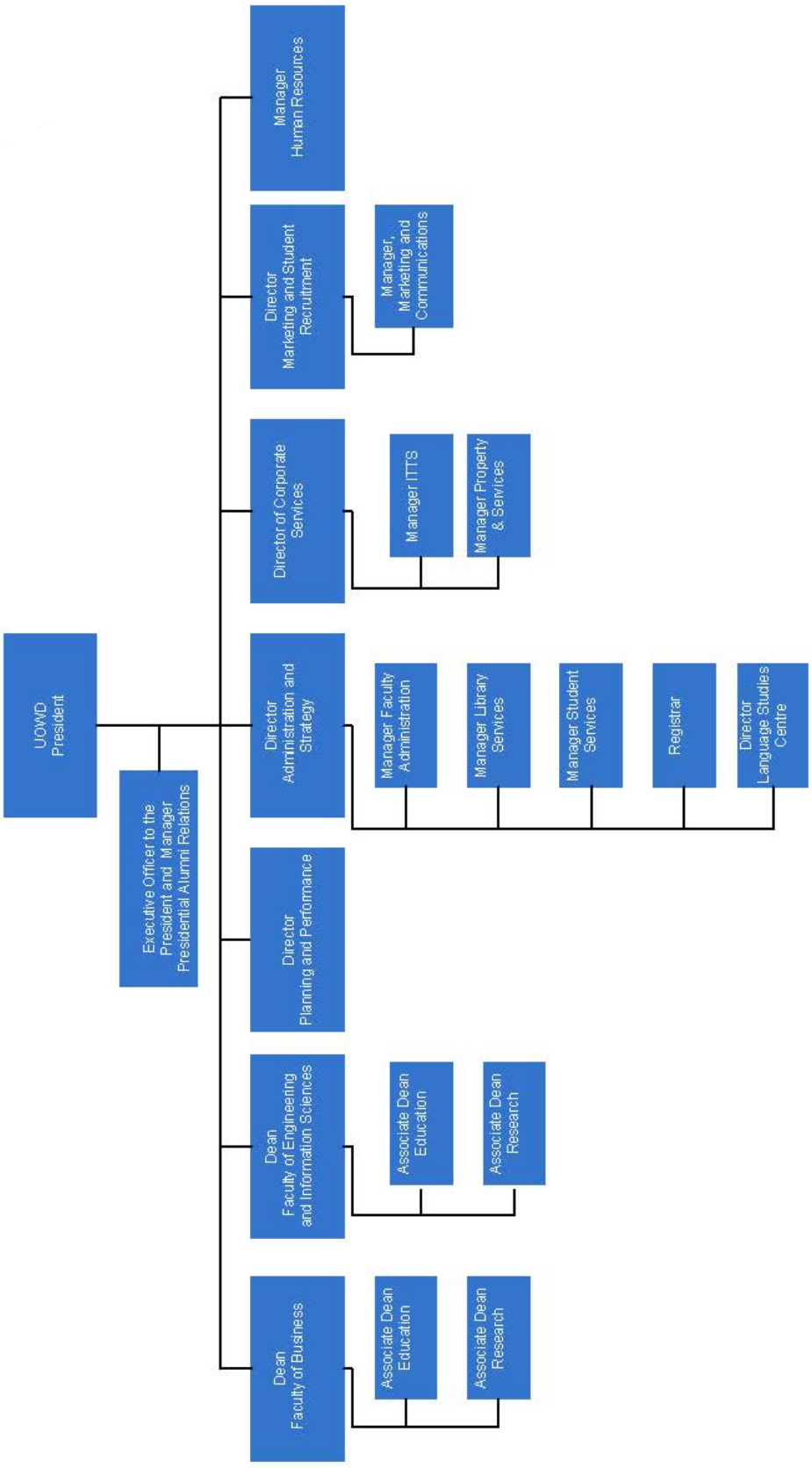
The University of Wollongong in Dubai is officially licensed by the Ministry of Higher Education and Scientific Research of the United Arab Emirates to award degrees/qualifications in higher education until 31st August 2018.

All UOWD degree programs are accredited by the UAE Ministry of Higher Education & Scientific Research. In addition, the Tertiary Education Quality Standards Agency (TEQSA) includes UOWD in its audits of UOW.

UOWD degrees are recognised within the UAE, in GCC nations and internationally for further education and employment in the private and public sectors.

UNIVERSITY OF WOLLONGONG IN DUBAI

ORGANISATION CHART



UNIVERSITY OF WOLLONGONG IN DUBAI

IMPORTANT INFORMATION FOR STUDENTS

Please ensure that you make yourself aware of the University's rules, policies and procedures prior to enrolling in your program of study.

You can find details of all the relevant policies at https://my.uowdubai.ac.ae/policies/index.php

In particular, please note the following key points:

- The University's official communication portal is SOLS (Student Online Services) and you are encouraged to check your account on a regular basis.
- When selecting subjects, you must ensure you enrol in subjects relevant to your program in each semester. It is not possible to enrol in a subject after the second week of the semester, except in exceptional circumstances and only with the permission of the Dean and the Registrar.
- If a place in a core subject has reached its quota and it is your final semester, you can be considered for a place by applying via the Electronic "Online Enrolment" system, available at the MyUOWD web portal.
- Prior to enrolling, you should ensure that you meet the pre-requisites for each subject. If you enrol in a subject for which you do not satisfy the pre-requisites, you will not be allowed to continue and will be required to withdraw from that subject.
- You are advised to consult with your Academic Advisor if you have any queries or concerns in relation to subject selection.
- You should check the Final Exam timetable for any clashes before enrolment as it is not possible to make any changes once the final schedule is published.
- In order to continue with your degree program, you will need to meet the Minimum Rate of Progress (MRP) each semester. Please refer to MyUOWD for full details of the MRP policy.

FACULTY OFFICES

Faculty of Business

Dean	Prof Valerie Lindsay Room 3-15, Block 15, Knowledge Village Tel: 04 278 1908 E-mail: ValerieLindsay@uowdubai.ac.ae
Associate Dean - Education	Dr Payyazhi Jayashree Room 3-16, Block 15, Knowledge Village Tel: 04 278 1966 E-mail: PayyazhiJayashree@uowdubai.ac.ae
Associate Dean - Research	Dr Scott Fargher Room 3-17, Block 15, Knowledge Village Tel: 04 278 1971 E-mail: ScottFargher@uowdubai.ac.ae
Faculty Coordinators	Mr Ivan D'Souza Room 3-23, Block 15, Knowledge Village Tel: 04 278 1903 E-mail: IvanDSouza@uowdubai.ac.ae
	Ms Manisha Varma Room 3-23, Block 15, Knowledge Village Tel: 04 278 1906 E-mail: ManishaVarma@uowdubai.ac.ae
Faculty Executive Officer	Ms Samah Odeh Room 3-14, Block 15, Knowledge Village Tel: 04 2781969 E-mail: SamahOdeh@uowdubai.ac.ae
Reception & Admin	04 - 278 1908

Faculty of Engineering & Information Sciences

Dean (A) & Associate Dean - Education	Dr Farhad Oroumchian Room 3-19, Block 15, Knowledge Village Tel: 04 278 1924 E-mail: FarhadOroumchian@uowdubai.ac.ae
Faculty Coordinators	Ms Maria Pereira Room 3-19, Block 15, Knowledge Village Tel: 04 278 1904 E-mail: MariaPereira@uowdubai.ac.ae
	Mr Rahul Bijlani Room 3-19, Block 15, Knowledge Village Tel: 04 278 1905 E-mail: RahulBijlani@uowdubai.ac.ae

UNIVERSITY OF WOLLONGONG IN DUBAI

WELCOME FROM THE DEANS

Dear Students,

Welcome to the year 2015 semesters and, to our new students, a warm welcome to the University of Wollongong in Dubai and our campus. You are now part of the “UOWD family” which consists of approximately 3,500 students from 105 countries.

At UOWD, our aim is to equip you with the diverse skills and knowledge that you require to have a successful professional career in the corporate world. To do this, we have developed programs and subjects that will not only teach you the theory, but also allow you to put it into practice. To maximize your academic potential, you need to demonstrate a commitment to your studies. We are here to help you build the foundation for your future career, which requires your active participation and steadfast dedication. This means attending class regularly, taking part in discussions and activities, working together in teams, completing assignments on time and developing regular study habits. Your lecturers, tutors and many other people at the university will provide you with the support you need to do this, however, at the same time, you need to take responsibility for your learning and development. Education involves both teaching and learning, requires both a teacher and a student! During your studies you will be challenged and supported so that you can learn and develop your competencies and expertise.

The purpose of the Degree Planner and Catalogue is to guide you through your career as a student. Make yourself familiar with it. It contains important information about your degree, the subjects you will enroll in and the university’s rules and regulations. The last section of the Degree Planner allows you to write down your personal degree plan based on the recommended subject sequence, which you are strongly encouraged to follow. You can also make a note of your class timings, assessment due dates and final exam information in the last section. Remember – this is your plan for success! Don’t stray from it.

The previous page provides you with the contact information for the people who can help you and support you during your studies. Please meet with your Academic Advisor (contact the Faculty Office for details) to discuss your progress on a regular basis. They can assist you with your degree plan. If you are having difficulties with academic skills such as preparing for exams, managing your time, or writing essays and reports, visit the SASS office (Block 5) to find out which workshops you can attend to improve your study habits. If you have any suggestions for activities we can organize to enrich your learning experience, please let us know.

Best wishes for a successful and productive semester and academic year !

Deans

Table of Contents

1. ABOUT THE FACULTIES

The two faculties of the University of Wollongong in Dubai, i.e Faculty of Business and Faculty of Engineering & Information Sciences are dedicated to excellence in teaching, research and service. We are preparing tomorrow's leaders today by offering top quality undergraduate programs in a number of discipline areas. Programs include:

Faculty of Business :
- Bachelor of Business Administration (BBA)
- Bachelor of Commerce – Marketing (BCom Mark)
- Bachelor of Commerce – Management (BCom Mgmt)
- Bachelor of Commerce – Human Resource Management (BCom HRM)
- Bachelor of Commerce – International Business (BCom IntBus)
- Bachelor of Commerce – Accountancy (BCom Accy)
- Bachelor of Commerce – Finance (BCom Fin)

Faculty of Engineering & Information Sciences :
- Bachelor of Computer Science (BCS)
- Bachelor of Information Technology in Management Information Systems (BIT (MIS))
- Bachelor of Engineering (BE)

The BBA program provides students with a broad knowledge in all areas of business, the Bachelor of Commerce programs allow students to specialize in their area of interest, while the Bachelor of Computer Science and Bachelor of Internet Science and Technology provide a bridge for the students to become the IT professionals of tomorrow. The two faculties have been developed to provide you with relevant information concerning your degree and a structure to assist you in planning your program of study.

1.1. Academic Responsibilities of the Faculties

The two faculties deal with all academic matters related to undergraduate programs at UOWD, which include the following:
1. Academic advice about programs, majors and subjects
2. Approvals for enrolment and withdrawal of subjects after the general deadlines (in exceptional circumstances only)
3. Approvals to change a degree program
4. Advanced standing
5. Monitoring attendance requirements
6. Supplementary final exam requests
7. Requests for re-evaluation of final exams
8. Academic issues regarding delivery of subjects

Other issues such as (scholarships, leave of absence, letter requests, graduation eligibility, visas) are the responsibility of the Registrar's department.

1.2. Contacting the Faculty Office

Academic Advice Enquiries

Academic Advice can include clarifications on degree planning, advice with choosing electives, advice with selecting your major and providing information about academic resources at UOWD. Students are required to make an appointment to meet with their Associate Dean / Academic Advisor for their programme. Available office hours are posted online on the UOWD website, on office doors and are available on the Faculty Office noticeboard.

Subject Enquiries

Any enquiries related to individual subjects (e.g. assignments, lecture and tutorial materials, attendance, etc.) should be directed to your subject lecturer during their consultation hours which are available in the subject outline and also

posted on their office door. If students require to meet with a subject lecturer at other times then they should contact the lecturer by e-mail or telephone to make an appointment.

Program Enquiries

BBA
Dr. Jawahitha Sarabdeen – JawahithaSarabdeen@uowdubai.ac.ae

BCom – Management
Dr. Ritu Sehgal – RituSehgal@uowdubai.ac.ae

BCom – Marketing
TBA
(Associate Dean of Education to be consulted by students until Program Director/Academic Advisor is appointed)

BCom – HRM
Dr. Alison Thirlwall – AlisonThirlwall@uowdubai.ac.ae

BCom – International Business
Dr. Arijit Sikdar – ArijitSikdar@uowdubai.ac.ae

BCom – Accountancy
Dr.Leoni Jooste - LeoniJooste@uowdubai.ac.ae

BCom – Finance
Dr.Hela Miniaoui - HelaMiniaoui@uowdubai.ac.ae

BCS and MIS
Dr. Farhad Oroumchian – FarhadOroumchian@uowdubai.ac.ae

BE
Dr. Nidhal Abdulaziz – NidhalAbdulaziz@uowdubai.ac.ae

EMAIL COMMUNICATION

- You will be issued with a University specific email account. This is the official communication tool for both students and the University.
- Any student making an email request, must do so using their University mail account.
- You will regularly receive emails from the University via your SOLS account. You must check your SOLS account on a weekly basis.
- Requests from personal emails (eg. yahoo, gmail) will not be processed.

1.3. Faculty Website

Any important information related to the Undergraduate Degrees will be available through the MyUOWD website:

http://my.uowdubai.ac.ae

Students are strongly advised to check the MyUOWD website and noticeboard on a regular basis for important information about subjects, classes and timetables. It is the students' responsibility to ensure they contact the University regarding any problems and information that they require. Please contact the ITTS department in Block 5 if you are having problems with accessing MyUOWD.

The following is available on the MyUOWD website:

Subject Folders

Each subject folder contains lecture noters, slides and additional materials to assist with studies. Once enrolled students are advised to check their subject folders for updated materials, notices and other information provided by the lecturer on a daily basis. Click on the *My Subjects* link to access the subject folder. Please note, very soon lecturers will use the moodle website for uploading their subject materials and subject folders on MyUOWD will be de-activated.

Timetables

All of the timetable information related to class timings and dates of final exams can be downloaded from the MyUOWD website by clicking on the *Timetables* link. The timetables are posted on this site before the start of the semester and **it is the students' responsibility to check class timings and the final exam dates BEFORE enrolling in a subject and up until the end of week 2 of session** to ensure that there are no clashes. It is not possible to enrol in two subjects which have clashes in the class timings or in the final exam dates and times. Once the timetables have been published and finalised, it is not possible to make changes to timings.

Notices

Regular notices are posted on the Faculty website to inform students about upcoming changes and any other relevant information. **Students must check the Notices on a regular basis.** Any information about re-scheduling of classes due to holidays, start of enrolments and unscheduled public holidays are also posted on the Notices section of the website.

Policies and Procedures

You can access the Policies, Procedures and Forms online. Click on the *Policies or Forms* link on MyUOWD for more information.

It is the students' responsibility to become familiar with all of the relevant policies, including (but not limited to):

- Enrolment Policy
- Assessment Policy
- Calculator Use Guidelines
- Minimum Rate of Progress
- Plagiarism Policy
- Student Conduct Rules
- Special Consideration and Supplementary Examinations
- Academic Grievance Policy
- Attendance Policy
- Visa Policy

1.4. Campus Noticeboards

In addition to the MyUOWD website, relevant faculty information is also posted on Faculty noticeboards around the campus. The main noticeboard is located outside the Faculty Offices (Room 3-23 & Room 3-19 respectively) in Block 15. Students are strongly encouraged to check these noticeboards on a regular basis to ensure that they are aware of important information and updates.

2. GENERAL INFORMATION FOR STUDENTS

This section provides a general overview of the relevant information and policies related to studying at UOWD. Students should refer to the Academic Calendar, Student Handbook and the Current Student website for detailed information.

2.1. Locale

The University of Wollongong in Dubai is located in the hub of Dubai Knowledge Village; an easy drive from the heart of Dubai and international airport. A variety of services are available on campus ranging from a fully-equipped library, computer labs and medical centre through to games rooms, coffee shops and public facilities. More details regarding services and facilities, can be found in the Student Handbook or by visiting the University's website: www.uowdubai.ac.ae

2.2. Resources

The University has a wide variety of resources available to students whilst enrolled and to Alumni, which can be accessible post graduation. These include a comprehensive library with over 60,000 e-books and 25,000 hard copies, besides CDs and 70,000 online journals; separate male and female accommodation located at The Gardens opposite Ibn Battuta Mall; transport to and from residences and local metro station; computer labs and printing services. The Student Services Department (SSD) offer a range of services to students including career development, health services and medical centre, counselling, student clubs and associations and sport and recreation activities. Detailed information is available at the University's website: www.uowdubai.ac.ae and within the Student Handbook.

2.3. Admission Requirements

All students seeking admission to the University of Wollongong in Dubai must meet the academic and English language requirements as outlined in the Admissions policy PP-REG-DB-5.1 which is available at www.uowdubai.ac.ae. Application for admission generally closes 4 weeks prior to the commencement of session, however late applications may be considered. Students seeking credit for prior learning (advanced standing), based on studies completed at another institution, are required to submit subject outlines with their application for admission. The Credit for Prior Learning policy is available at the MyUOWD website.

Should a student's enrolment lapse, or if a student has been excluded, an Application for Admission form must be submitted to Student Recruitment for consideration of re-admission.

2.4. Tuition Fees

Tuition fees must be paid each session according to the number of subjects taken. Fees can be paid either on campus or at any branch of the UAE Exchange. The amount of fees to be paid depends on the fee payment plan opted by the student. Students can pay fees by cash, cheque or credit card. Late payment of tuition fees will be subject to a penalty of AED 50 per subject, per week. Tuition fees do not cover books or other associated study costs. Fees are charged for services eg. official letters, ID replacement cards etc. A full list of charges can be viewed at https://my.uowdubai.ac.ae/registrar/index.php. Financial aid is available for new enrolling undergraduate, UAE residents only. Detailed fee information, including refunds and transfers can be found under How Much Will it Cost and the Academic Calendar, both available at www.uowdubai.ac.ae. Fee refund and transfer information can be obtained in the Fee Policy: PP-FIN-DB.5.

2.5. Academic Calendar Dates

Please note that the academic calendar listed below is subject to change. Students must check the UOWD website (www.uowdubai.ac.ae) and follow the *Current Students* link, then *Academic Calendar* to view the latest version of dates. Classes and examinations may be affected by public holidays and notices for make-up dates will be posted on the MyUOWD website. Please note that regular as well as make-up classes may be held on weekends or in the evenings on week days.

NOTE: This calendar is subject to change. Please check the website for the most up-to-date version of the calendar. Classes and examinations may be affected by religious public holidays and notices for make-up dates will be announced on the website.

Spring Session 2015

28 December (5:00 pm)	Pre-enrolment Period (new & re-enrolling students)	
25 January	Postgraduate	Orientation & Enrolment
27 January	Undergraduate	
29 January	^ *Tuition fees due; 100% refund*	
1 February – 28 March	Lectures commence (8 weeks)	
14 February	Last day to enrol	
21 February	^ *Transfer of fees-100%; Refund-less 25% tuition fees*	
18 April	Last day to withdraw	^ *Transfer of fees-less 20% tuition fees; no refunds*
29 March – 9 April	Mid-Session Break (2 weeks)	
12 April – 16 May	Lectures recommence (5 weeks)	
19 May – 28 May	Exams	
11 June	Results posted on SOLS	
15 June	Supplementary exams commence	

Summer Session 2015

26 April (6:00 pm)	Pre-enrolment Period	
8 June	Postgraduate	Orientation & Enrolment
8 June	Undergraduate	
11 June	^ *Tuition fees due; 100% refund*	
14 June – 27 July	Lectures commence (6 weeks)	
20 June	Last day to enrol	
27 June	^ *Transfer of fees-100%; Refund-less 25% tuition fees*	
11 July	Last day to withdraw	^ *Transfer of fees-less 20% tuition fees; no refunds*
28 July – 4 Aug	Exams	
13 August	Results posted on SOLS	
29 August	Supplementary exams commence	

Autumn Session 2015-16

12 July (6:00 pm)	Pre-enrolment Period (new & re-enrolling students)	
1 September	Postgraduate	Orientation & Enrolment
2 September	Undergraduate	
3 September	^ *Tuition fees due; 100% refund*	
6 Sept – 31 Oct	Lectures commence (8 weeks)	
26 September	Last day to enrol	
26 October	^ *Transfer of fees-100%; Refund-less 25% tuition fees*	
1 - 5 November	Mid-Session break	
8 Nov – 10 Dec	Lectures recommence (5 weeks)	
14 November	Last day to withdraw	^ *Transfer of fees-less 20% tuition fees; no refunds*

11 Dec – 13 Dec	Study break
14 Dec – 24 Dec	Exams
14 January	Results posted on SOLS
23 January	Supplementary exams commence

^ Students MUST withdraw from their subject/s via SOLS prior to submitting their fee refund/Transfer form	
PUBLIC HOLIDAYS : *Students will be advised of make-up dates for classes falling on public holidays or where the University will be closed on a business day in lieu of public holidays falling on a weekend day.*	
1 January – New Year's Day	22, 23, 24 Sept - Eid-al-Adha (Feast of the Sacrifice)**
24 December - Mouloud (Birth of the Prophet)**	13 October - Al-Hijra (Islamic New Year)**
5 May - Leilat al-Meiraj (Ascension of the Prophet)**	2 December – National Day
6 – 7 July - Eid-al-Fitr (end of Ramadan)**	25 December – Christmas Day
** *Islamic holidays are subject to change and will be confirmed once official Government announcements are made. Travel arrangements should only be made following these announcements.*	

* Eid Break: Islamic holidays are subject to change and will be confirmed once official Government announcements are made.

Important information regarding session dates

1. Students can add/withdraw from subjects through SOLS as per the dates in the Academic Calendar.
2. Students must enrol in tutorials during week one of session, Access to Student Allocator is via MyUOWD.
3. Students who have not paid their fees by last date for payment will automatically be withdrawn from the subject/s for which the fees are outstanding. Students will not be allowed to enrol in those subjects again in that particular semester.
4. Students will not be allowed to withdraw from a subject without academic penalty (i.e. a FAIL grade) after the specified date.
5. Students who withdraw may obtain a fee refund or transfer the fees to the following semester subject to conditions. A portion of the fees may be refunded/transferred depending on the subject withdrawal date. Students should read the Fee Policy available at MyUOWD.
6. The University offers several payment options for tuition fees. Students opting for a specific payment plan will receive a schedule of due dates for payments each semester from the Cashier.

2.6. Academic Advising

All students must consult with their Academic Advisor at least once every semester. The academics' role is to assist students with their degree planning. Students are expected to initiate and maintain contact with them to discuss their progress and academic performance. Some of the help they provide includes:

- Being the first contact for students with academic inquiries / requests
- Assistance with degree planning
- Selecting the right subjects to enrol in each semester
- Giving advice with choosing electives
- Approving program (degree) changes, assistance with selecting a major
- Providing information about academic resources at UOWD
- Clarifying academic policies
- Discussing academic progress

It is the students' responsibility to seek answers to their questions, check SOLS on a regular basis to verify the status of their enrolment, adhere to scheduled appointments and follow through on recommendations made by Academic Advisors.

2.7. Student Services

The Student Services Department (SSD) at UOWD seeks to create a healthy and enjoyable learning environment, while enriching the learning experiences for all UOWD students. SSD plays a vital role in campus community life. The Department provides career and personal counseling services and referrals, career development advice and placement assistance, student extracurricular activities, student clubs and associations, sports and recreational programs, health services and student residences. For further information, students should refer to the SSD website: www.uowdubai.ac.ae/ss or the Student Handbook available at MyUOWD.

2.8. Student Academic Support Services (SASS)

The Student Academic Support Services (SASS) provides a range of learning development services aimed at improving student learning. Through workshops and seminars, students are encouraged to develop critical thinking and analysis skills, which in turn will enhance their academic potential. SASS offers regular learning development workshops which are free for all UOWD students. Workshop topics include the following:

- Avoiding Plagiarism
- Academic Writing: Essays & Reports
- Exam Preparation
- Critical Thinking
- Using TurnItIn
- Academic Research
- Listening & Note-taking Skills
- Memory Strategies

A full list of workshops on offer in a particular session is available on the SASS website. To register for a SASS workshop, students must send an e-mail to SASS@uowdubai.ac.ae and include their name, contact number and the title of the workshop they wish to attend. SASS also provides a Peer Tutoring Program and Academic Writing Skills sessions.

Students can also make appointments with the SASS Administration Assistant for individual consultations. Students are encouraged to visit the SASS website regularly for news and updates.

SASS Contact Information
Room 32A, Ground Floor, Block 5
Tel: (04) 390 0602
Email: SASS@uowdubai.ac.ae
http://my.uowd.ac.ae/ssd/index.php

2.9. StartSmart

StartSmart is an online course that introduces students to information technology and research skills. StartSmart is compulsory for all new UOWD undergraduate students and must be completed in the first session of enrolment. It is recommended that students complete StartSmart in the first few weeks of study to learn to use and understand the Library resources. Failure to complete the StartSmart requirement will result in final marks being withheld until these requirements have been satisfied. For more information about StartSmart, students should refer to the UOWD Library website: www.uowdubai.ac.ae/library

2.10. Plagiarism

Plagiarism means using the ideas of someone else without giving them proper credit. That someone else may be an author, critic, journalist, artist, composer, lecturer, tutor or another student. Severe plagiarism is defined as submitting work which is wholly copied from someone else without proper acknowledgement. Unintentional plagiarism can result if students do not understand and use acceptable scholarly methods of acknowledgement (in-text citation). In either case, whether intentional or unintentional, severe penalties may be imposed on the student. When it is desirable, or necessary, to use other people's material, students must ensure they include appropriate references and attribution. Students must ensure they are familiar with the Academic Integrity and Plagiarism policy which is available on the MyUOWD website- PP-ACD-DB-10.4.

Plagiarism constitutes serious academic misconduct. Plagiarism will not be tolerated and may lead to expulsion from the University. Students must take particular care to avoid unintentional plagiarism.

2.11. TurnItIn

TurnItIn is an online text-matching system used by the University to prevent plagiarism. Students must submit all written assignments through TurnItIn which will generate an "Originality Report" indicating the sources used in the document. TurnItIn is available online at www.turnitin.com . To access TurnItIn, every student must have a TurnItIn

account. It is the student's responsibility to create a TurnItIn account after they have been provided with a Class ID and password by their lecturer. This account should be used for the duration of the student's enrolment at UOWD. It is not necessary to create a new account every semester.

Failure to submit an assignment through TurnItIn will result in marks for the assignment being withheld. Students do not need to hand in a printed copy of the TurnItIn Originality Report unless requested to do so by the lecturer.

More information about TurnItIn requirements (including how to add a class) are provided in the first lecture of each subject. Students can also download Frequently Asked Questions (FAQs) about TurnItIn from the SASS website https://www.uowdubai.ac.ae/sites/default/files/documents/20110828_turnitin_student_faqs.pdf.

2.12. Code of Conduct

UOWD is committed to providing a safe and orderly environment for the University community, and expects each member of that community to behave responsibly and ethically. Rules exist to seek support of achieving this goal by providing a clear and transparent process for dealing with alleged student misconduct. The full policy and implications for breaching the Student Conduct Rules can be located at the student intranet: www.uowdubai.ac.ae/cs/index.php

2.13. Resolving Complaints

The University aims to provide a fair, equitable and a productive learning environment for all its students. The achievement of this goal is by providing a transparent and consistent process for resolving student grievances. The Academic Grievance – Students policy is available on the student intranet – MyUOWD.

2.14. Feedback

To supplement our regularly scheduled slate of surveys, the Office of Planning and Performance (OPP) maintains a continuous feedback opportunity to UOWD students, staff and visitors through standardized comment forms. These are collected on a regular basis and forwarded to the relevant manager or dean for response to the issue. The OPP tracks all actions related to the comment and subsequent action. In addition, students are encouraged to view relevant policies should they have an academic complaint they would like to lodge. Policies are available at www.uowdubai.ac.ae/cs/index.php

3. INFORMATION RELATED TO ENROLMENT

This section provides a general overview of the relevant information and policies related to studying at UOWD. Students should refer to the Academic Calendar and Student Handbook available on the MyUOWD website for detailed information. Enrolment is the student's responsibility and students must be aware of their enrolment status at all times. Any queries regarding enrolments should be directed to the Registrar's Department in the first instance. The University reserves the right to cancel classes/subject offer in case of low student enrolment nos.

3.1. Credit Point System

Credit points are a basic measure of workload. All subjects are given a credit point value, which is normally 6. Credit points refer to the value attached to each subject undertaken as part of a degree. Credit points are also a guide to the number of hours per week you should be studying the subject. Most subjects are single session (half-yearly) duration, offered in autumn or spring session, and normally have a value of 6 credit points. Double session (annual) subjects usually have a value of 12 credit points. Each credit point has an implied workload of 26 hours over the duration of the subject. For example, for a 6 credit point single session subject you should spend a total of 12 hours per week in attending classes and working on your own for that subject (i.e. 6 credit points x 26 hours ÷ 13 weeks = 12 hours).

To graduate, an undergraduate (UG) student must accrue credit points relevant to their program of study which will consist of General Education subjects and program-specific subjects (core and electives) as well as attaining a Weighted Average Mark (WAM) of 50. In addition to this, other rules apply. These are outlined in Sections 4.5 to 4.9 of this Degree Planner.

3.2. Subjects per Semester

Students can use SOLS to enrol online. The normal full-time load is 24 credit points per semester, with the exception of Summer, where a maximum of 18 credit points is allowed.

3.3. Credit for Prior Learning (Advanced Standing)

Students registering for courses at UOWD may apply for credit for prior learning (exemption) on the basis of tertiary studies satisfactorily completed at other approved universities, at other approved tertiary educational institutions, or in response to an individual's applicaiton. For more information, students can refer to the Credit for Prior Learning policy on the MyUOWD website or speak with an academic advisor.

3.4. Enrolment using Student On-Line System (SOLS)

As a student of UOWD you are provided with access to the Student On-Line System (SOLS). It is a vital tool in the management of your enrolment at the University. It provides you with a range of services including subject enrolment and withdrawal, exam marks, personal details and a range of other services.

How to access SOLS

All students are provided with what is known as a UNIX login and password when they commence their degree program. The login consists of the student's initials and a random number. The password consists of randomly generated characters. Students must use the UNIX login and password to access SOLS, which is available at my.uowdubai.ac.ae. In case of problems with the login and password for SOLS, students must contact the ITTS Office (block 5).

Re-enrolling (current) students are responsible for enrolling themselves using SOLS and maintaining an accurate enrolment record so that results can be properly declared at the end of session. If it's your last semester and the subject you are trying to enrol in is full, an "Electronic Online Enrolment" application can be submitted for approval. Please note that approval for electronic online enrolment is not granted automatically.

To complete the "electronic" online enrolment process, students must do the following:

1. Check for notices online regarding quota increases.
2. If there are no expected quota increases then submit the form online after the date specified in the notice.
3. You will receive an email via your university email account within 10 working days regarding the status of your application.

3.5. SOLSMail (available through SOLS)

To ensure that all communications with students are conducted in the most secure, reliable and efficient manner, the University has designed a system where official communications between the University and students are sent on-line as messages to the SOLSMail and generally NOT BY POST (although this may be utilized on occasions).

SOLSMail is the primary method for communication with students. University policy requires students to check their SOLSMail at least once per week during each semester. SOLSMail is an "Electronic Letterbox" to which all official communications will be sent.

SOLSMail should not be confused with email. They are not the same and they work in very different ways. Using SOLSMail rather than email provides the University with the ability to check that each official communication, such as a enrolment variation, has been delivered to and read by the student. This ability to track or check notifications is beneficial because it ensures that important official messages sent to students do not go astray.

3.6. Tutorials and Tutorial Enrolment

Tutorials are an integral part of the lecture and tend to have smaller class sizes to facilitate more active learning and personal interaction with the tutor. Students focus on case studies in tutorials that apply the concepts and theories introduced in lectures. Tutorials provide an opportunity to practice skills, to analyse and solve problems, to apply new knowledge, ask questions, to raise any problems or to seek clarification on a topic discussed in a lecture.

Generally, tutorials are held from week 2 onwards and students are required to enrol in tutorials via Student Allocator. Student Allocator can be located on the student intranet – MyUOWD and contains detailed instructions on the enrolment process. Should you experience difficulties with enrolling in a tutorial, contact the Registrar's Department.

3.7. Pre-Requisites

A system of pre-requisite subjects operates to ensure students are adequately prepared for any particular subject therefore some subjects have a pre-requisite. A subject which has a pre-requisite cannot be taken unless the pre-requisite subject has been successfully completed. If the pre-requisite is not completed, the enrolment will initially be shown as "Provisional" on the student's SOLS record, and the student will subsequently be automatically withdrawn (removed) from the subject. In special circumstances the Dean may approve the pre-requisite to be taken as a co-requisite.

3.8. Exclusions

If a subject has an exclusion clause to it, students should not enrol in its equivalent. If students complete both subjects, only one will be counted towards graduation requirements. For example, COMM121 has an exclusion of STAT131 and vice-versa. If a student enrols and successfully completes both COMM121 and STAT131, only one of the two subjects will be counted. The full list of subject exclusions is shown below.

Students who have completed…	Should not enrol in…
INFO202	CSCI222
STAT131	COMM121
ACCY100	ACCY111
ACCY102	ACCY112
COMM110	COMM113

FIN221	FIN222
MARK201	MARK205

3.9. Variations to Enrolment

Variation to Degree Enrolment

After consultation with an Academic Advisor, a student may apply to the Dean for permission to change their enrolment from one degree program to another (e.g. from the BBA to BCom – Marketing). Permission to change a program enrolment is contingent upon any restrictions that may be imposed, and on the number of students to be registered for a particular course. If the change is approved, the student becomes subject to the Rules relating to the new degree program. Except with approval to the contrary, restrictions imposed on enrolment of a student prior to, or at the time of variation of enrolment, shall continue to apply after the change.

Students who are changing their enrolment from one degree program to another may not receive credits for subjects that they have already completed if these subjects are not on the approved list for the new program that they have transferred to. Therefore it is very important for students who wish to change their degree program to meet with the Academic Advisor in order to determine which subjects are eligible for transfer and which additional subjects need to be completed.

Variation to Subject Enrolment

A student may withdraw from a subject provided such withdrawal is made by the date specified in the Academic Calendar. A student who wishes to withdraw from one or more subjects is advised to seek advice from an Academic Advisor before doing so. There are three key withdrawal dates in each session. These are:

- The last day to withdraw from a subject without financial penalty
- The last day to withdraw from a subject and be eligible for a 75% refund OR an 80% transfer of fees (please contact the Cashier for further information as restrictions may apply)
- The last date to withdraw from a subject without academic penalty

Please Note: The dates of withdrawal from subjects will have an impact on a student's entitlement to fee refunds or fee transfers. Please refer to the Fees Policy available on the MyUOWD website under the "Policies" link.

A student can withdraw from a subject in either of the following ways:

- Online via SOLS, or
- A Special Consideration form can be completed to withdraw from the subject after the last day to withdraw. The form and supporting evidence should be submitted to the Faculty Office (see Special Consideration Policy) and is subject to approval.

Where a variation is a withdrawal, and is made no later than the last day for withdrawal (see Academic Calendar), the student shall be deemed to have not enrolled in that subject, and that subject will then not appear on their academic record.

Late withdrawal

Where a variation is a withdrawal, and is made later than the last day for withdrawal (see Academic Calendar), the student shall be deemed to have enrolled in that subject, and that subject will then appear on their academic record. Exceptions to this rule may only be approved if the student has acceptable medical or personal reasons. An application (supported by documentary evidence) may be made under the University's Special Consideration Policy for 'late withdrawal from a subject without academic penalty'.

If a student's application for special consideration to withdraw from a subject is approved, the student will be deemed to have withdrawn from the subject without penalty and "Withdrawn late with approval" will appear against the subject on the academic record of the student. If a student's application for special consideration is not approved, the student's enrolment will stand and a grade will be declared for that subject.

Request to Enrol in Additional Subjects

After consultation with an Academic Advisor, a student may apply via MyUOWD (Electronic 'Manual' Enrolment) to the Dean for permission to enrol in an additional subject. Permission for a student to enrol in an additional subject is contingent upon restrictions imposed by relevant provisions of the Rules of each program.

3.10. Minimum Passing Requirements

The approved grades of performance and associated ranges of marks for undergraduate subjects are:

High Distinction (HD)	85 to 100%
Distinction (D)	75 to 84%
Credit (C)	65 to 74%
Pass (P)	50 to 64%
Pass Supplementary (PS)	50%
Fail (F)	0 to 49%
Technical Fail (TF)	

In order to pass a subject, students must pass the Final Examination as per the Subject Outline. This is irrespective of a student's other marks during the session. Students who obtain a composite (aggregate) mark of greater than 50% but do not satisfy the Final Examination pass requirements will be awarded a "Technical Fail" grade.

Students must also complete all of the other assessment tasks (other than the Final Examination) in order to pass the subject. Completion of an assessment task will be determined based on the instructions given to the student including: word length, demonstration of research and analysis where required, the Plagiarism Policy, and completion of each section/component of the assessment. Failure to complete any assessment tasks to the standard specified above will result in a Fail grade awarded for the subject.

3.11. Supplementary Examinations

In accordance with the University's Examination policy, there are two categories in which students may be eligible to sit a supplementary exam following the final examination period. The first category are those who have not been able to sit the final exam as a result of illness, injury, other serious cause or extenuating circumstance, and those who have been offered and have accepted a supplementary assessment following the end-of-session examination period.

Those who fall into the first category must apply for Special Consideration and submit this form together with supporting documentation to the Faculty Office within 5 working days of the exam. Refer to the Special Consideration Policy and Special Consideration Procedure under MyUOWD.

Students who are offered a place to sit a supplementary assessment will be notified via SOLS and have 3 days to accept the offer after which the offer will lapse. Students who successfully pass a Supplementary Assessment and achieve the required overall composite will be awarded a grade of PS (Pass Supplementary) and composite mark of 50. For detailed information refer to the Supplementary Assessment Guidelines on the student intranet.

3.12. Minimum Rate of Progress (MRP)

In accordance with the Minimum Rate of Progress Policy, a student enrolled in an undergraduate program is required to maintain a minimum rate of academic progress. Where a student fails to meet the MRP requirements in the first instance, he/she will be placed on '*referral'* status. A student on 'referral' who fails to meet the minimum rate of progress in the subsequent session will be placed on '*probation'*. Finally, a student on 'probation' who fails to meet the MRP in the subsequent session will be excluded from UOWD. For full details regarding the minimum rate of progress as specified in the Minimum Rate of Progress Policy, please refer to the "Policies" section on the MyUOWD website

3.13. Attendance Requirements

Students are required to attend a minimum of 75% of all tutorials and labs in all subject levels (000, 100, 200, 300) from the date of enrolment, except where an excused absence is approved by the tutor or lecturer or late enrolment has occurred. Students who fail to attend the minimum 75% requirement will fail the subject. For more information about the attendance requirements, procedure and penalties please refer to the Attendance Policy available on the MyUOWD website.

3.14. Special Consideration

Under exceptional circumstances, such as the student suffering from SERIOUS illness or other circumstances beyond his/her control, the student may apply for special consideration, including supplementary assessment for internal continuous assessment tasks. Students must provide all of the required information to support their application (including, but not limited to, a medical certificate, medical records, and a specific report from the doctor, as per the requirements of the Special Consideration policy). The Special Consideration policy is summarized in subject outlines and available on the "Policies" section of the MyUOWD website.

Special consideration requests for assessments during the session (e.g. assignments, tests, quizzes, etc.) must be submitted to the lecturer within 5 working days from the due date. Special consideration requests for Final Exams must be submitted to the Faculty Office by completing the relevant form and attaching evidence, within 5 working days from the Final Exam date. Students who miss the Final Exam and are given permission under the Special Consideration Policy to sit for a Supplementary Final Exam should note that they may miss enrolment, graduation and other deadlines which are set based on the regular Final Exam dates.

Please note that applying for special consideration does not automatically mean that the request will be granted. Special consideration will only be approved in the case of SERIOUS illness or exceptional circumstances. Medical certificates must provide detailed information about the illness (and be supported by additional evidence, if applicable). Previous requests for special consideration by the student are also taken into consideration when making a decision about the request outcome.

If a student's supplementary Final Exam request is approved, he/she must be available to sit for the exam on the specified date. No alternative arrangements will be made. The student is also required to pay the supplementary Final Exam fee prior to taking the exam.

3.15. Release of Final Results

Declaration of results

In accordance with the University's Assessment Policy a mark and an approved grade of performance is determined and declared for each subject in which a student is enrolled. An Assessment Committee meeting (ACM) is held after each exam session in order to declare the results for all the subjects in the session. The ACM follows specific processes, set out in the respective terms of reference.

Release of results

After final results are declared at the ACM, they are released and made available on the Student On-Line Services (SOLS) system only. No information concerning results will be given by telephone or via email. Students must log in to their SOLS account and check their final results.

Withheld results

Students must not have a blank declaration of results. A withheld result must be given when a grade is not allocated. Withheld results may be granted as follows:

WH – (Withheld)

i. For investigative grounds - for example an outstanding grievance or alleged misconduct;
ii. Other reasons the Faculty may have for withholding the result for example, unavoidable delays in assessing the material.

WD – (Withheld Deferred)

The student has been granted approval following the submission of a Special Consideration application.

WS – (Withheld Supplementary)

The student is to be offered a Supplementary end of session exam (to be accepted within 3 days).

Where a "withheld" result is granted, it is the student's responsibility to contact the Faculty Office as soon as practicable. Failure to do so may result in a "Fail" grade being determined. For detailed information, see the Assessment Policy.

3.16. Re-Evaluation Requests

If a student believes that a mark (or grade) they have been awarded for a subject is not indicative of their performance or that there may have been an error in determining the mark, he/she should approach the lecturer concerned in the first instance to discuss the matter.

Subsequent to discussions with the lecturer, if the student still believes the mark is not correct, he/she may submit a formal re-evaluation request to the Faculty Office by completing the "Request for Re-Evaluation/Re-Marking of Examination" form. This form may be downloaded from the MyUOWD website. An administrative fee of AED 200 per subject is applicable in this instance. Applications to the Faculty Office should be made no later than 10 working days after the release of the final results.

If a student is still not satisfied with the outcome following the formal re-evaluation, he/she may appeal to the Appeals Committee of UOWD outlining his/her concern and stating reasons, accompanied by full documentary evidence. The Appeals Committee will consider the request and may investigate and make a ruling.

3.17. Graduation Requirement: WAM of 50

To complete their degree and graduate, ALL undergraduate students must achieve a minimum overall Weighted Average Mark (WAM) of 50. Students who do not achieve a WAM of 50 or more, will not be eligible to graduate and must complete additional subjects to meet the required WAM. This rule is applicable to all undergraduate students who joined UOWD and commenced their studies in Autumn Session 2007 (September) onwards.

3.18. Application for Graduation

Students who complete all of the requirements for their degree are eligible to graduate at the next appropriate graduation ceremony. Students who believe they are eligible to graduate are required to apply online, so that their graduation eligibility can be determined and accepted by the Graduation Committee. The Graduation Committee meets up to five times per year. Graduation Applications must be submitted online by the relevant deadline.

Upon the Graduation Committee accepting, verifying and approving that a student has met the required criteria to be eligible to graduate and receive their testamur, UOWD will confirm with the student that they are indeed eligible to graduate.

3.19. Graduation with Distinction

In order to graduate "with Distinction", students must gain a Weighted Average Mark of 75 or more in the subjects that comprised their course. All subjects which constitute the degree program will be taken into account in determining the granting of an award "with Distinction". Where students have been granted advanced standing towards their degree or diploma as a result of studies undertaken elsewhere, only their performance in subjects studied at UOWD will be taken into account in determining whether they qualify for graduation with distinction. View the Assessment Policy for more details.

3.20. Academic Misconduct

Students are warned that academic misconduct (for example, cheating or copying in examinations or assignments) will have serious consequences. Cheating in any part of a subject may result in failure in the whole subject. Cheating in examinations or deliberate plagiarism in assignments can result in expulsion from the University.

3.21. Amendment of Academic Record

Circumstances where an academic record may be amended

There are only three circumstances where a student's academic record may be amended, that is, where:

(a) there has been an error in enrolment;

(b) a student has successfully applied under the Student Academic Grievance Policy to have a mark or grade altered; or
(c) a student has successfully applied for special consideration under the Special Consideration Policy that has resulted in changing a final grade to withdrawn.

Detailed information is available in the Assessment Policy

3.22. Leave of Absence

Students become eligible for leave of absence at the beginning of the second semester of enrolment and may take a leave of absence for up to one year provided that they apply to the Registrar before week 4 of the semester for which leave is requested. The Leave of Absence request form is available at MyUOWD.

3.23. Transfer to UOW campus Australia

Candidates may transfer to the main campus of the University of Wollongong in Australia with a minimum of 4 subjects remaining, subject to meeting Australian Government visa requirements. All marks and grades are fully transferable for relevant subjects. Information regarding Transfer can be made at the Registrar's Department.

3.24. Further Information

To ensure all students have the most current, accurate and correct information, they are strongly encouraged to keep their contact details up to date on SOLS and contact the following for assistance:

The Registrar
Ground Floor
Room G-01
Block 15
Knowledge Village

3.25. Faculty Staff Information

3.25.1. Faculty of Business

NAME	QUALIFICATIONS
Prof Valerie Lindsay Dean	PhD University of Warwick, UK
Dr Payyazhi Jayashree Associate Professor Associate Dean - Education	PhD University of Delhi, MA Psychology, BA (Hons) Psychology
Dr Scott Fargher Associate Professor Associate Dean - Research	PhD in Labour Economics, University of Edinburgh, Scotland
Dr Alison Thirwall Associate Professor	PhD in Management, University of Waikato, New Zealand
Dr Arijit Sikdar Associate Professor	PhD Business Policy - Indian Institute of Management, Ahmedabad BTech Indian School of Mines, Dhanbad, India
Dr Balan Sundarakani Associate Professor	PhD Indian Institute of Technology, BEngg, MEngg
Dr Gwendolyn Rodrigues Associate Professor	PhD Mumbai University, BA, MA Economics, Dip. Research Methodology Tata Institute of Social Science
Dr Hela Miniaoui Associate Professor	PhD (Economics) El Manar University of Tunis, Tunisia MA Economics, University of Laval, Quebec
Dr Jawahitha Sarabdeen Associate Professor	PhD Marketing & Law, Multimedia University, Malaysia, LLB, MCL International Islamic University
Dr Kathy Shen Associate Professor	PhD City University Hong Kong, BS, MS Peking University; MPhil
Dr Leoni Jooste Associate Professor	PhD, Financial Accounting, University of Pretoria, South Africa
Dr Melodena Balakrishnan Associate Professor	PhD India, Pune, India, BSc Bombay University, MBA Pune,
Dr Michael Willemyns Associate Professor	PhD Workplace Psychology, Uni of Queensland, Australia, BA (Hons.) First Class Uni of Queensland
Dr Mohan Guruswamy Associate Professor	PhD Business Management, Tata Institute of Social Sciences, India Fellow of Cambridge University, Judge Business School
Dr Mona Mustafa Associate Professor	PhD in Psychology, School of Management, Royal Halloway, University of London, UK

NAME	QUALIFICATIONS
Dr Naeem Muhammad Associate Professor	PhD International Finance, Simon Fraser University, Canada MSc University of Karachi, MA, BSc
Dr Prakash Vel Kumar Shankar Associate Professor	PhD Business Admin, Madurai Kamaraj University, India MPhil, MBA, BBA
Dr Sidney Lowe Associate Professor	PhD King's College, London
Dr Ali Bhayani Assistant Professor	Phd Mumbai University Doctorate in Higher Education Management, University of Bath, UK
Dr Ali Saedvandi Assistant Professor	PhD Economics, Tarbiat Modares University
Dr Asima Shirazi Assistant Professor	PhD SZABIST Karachi, BSc (Hons) Brunel, MLit Aberdeen
Dr Bostjan Gomiscek Assistant Professor	PhD in Technical Sciences, University of Technology, Austria
Dr Flevy Lasrado Assistant Professor	PhD in Quality Management, University of Salford, Manchester, UK
Dr Lamia Obay Assistant Professor	PhD in International Finance & Banking, The George Washington University, USA
Dr Mike Newnham Assistant Professor	PhD University of Leicester, UK
Dr Munir M Lutfi Assistant Professor	PhD Glasgow, MSc George Washington, BA Jordan
Dr Ntantakas Dimitrios Assistant Professor	PhD in Economics, University of Madedonia, Greece
Dr Panagiotis Ganotakis Assistant Professor	PhD in Management Science, Aston University, UK
Dr Ritu Seghal, Assistant Professor	PhD University of Delhi
Dr Slim Saidi, Assistant Professor	PhD Applied Mathematics, Ecole, Polytechnic School Montreal, Canada D.S.A., HEC Business School, Montreal, Canada
Dr Taghreed Abu Salim, Assistant Professor	PhD in Management / Marketing (SAS), Decision Engineering Centre, Cranfield University, UK
Dr Nandini Kaul	Phd in Economics, India.

3.25.2. Faculty of Engineering & Information Sciences

NAME	QUALIFICATIONS
Prof Mohamed-Salem Mohamed Vall - Dean	PhD Montreal, MSc, BSc Jeddah
Dr Farhad Oroumchian Associate Professor Associate Dean – Education	PhD Syracuse, MSc Sharif, BSc Shahid Beheshti
Dr Abdellatif Tchantchane Associate Professor	PhD Setif University, MA Arizona State University, BSc Case Western Reserve University
Dr Catherine Todd Associate Professor	PhD UOW, BEng (Hons) UOW
Dr. Halim M. Khelalfa Associate Professor	PhD Illinois Institute of Technology Ingeniorat Algiers, MS American University
Dr Feras Hamza Associate Professor	DPhil, Oxford, London, MPhil, BA
Dr Kamal Jaafar Associate Professor	PhD Cambridge University; MBA, BSc,
Dr Mohammed Firoz Associate Professor	PhD, M.A. – Jawaharlal Nehru University, New Delhi, India B.A.(Hons), India. Post-Graduate Diploma in Advertising & Public Relations, India
Dr Mohamed Watfa Associate Professor	PhD, University of Oklahoma, USA
Dr Nidhal Abdulaziz Associate Professor	PhD Elect Eng Monash University Australia, MSc Eng Basrah University, BSc Eng Basrah University,
Dr Soly Mathew Biju Associate Professor	PhD Banasthali University, MA, BCompSci
Dr Abdelghani Benharref Assistant Professor	PhD Concordia University, Canada
Dr Zeenath Khan Instructor	PhD, University of Wollongong, Australia
Ziad Choucair	MBA, UOWD
Majid Munawar Lab Engineer	Bachelors in Mechatronics Engineering Wah Engineering College, Pakistan
Dr Hock Chuan Lim Assistant Professor	PhD, University of New South Wales, Australia
Dr Stefano Fasciani Assistant Professor	PhD, National University of Singapore, Singapore

4. PROGRAM INFORMATION

This section contains information about individual degree programs, including the subject sequence students are required to follow for their particular degree.

4.1. Completion Requirements: All degree programs

To qualify for award of the degree of Bachelor of Business Administration a student must accrue an aggregate of at least 204 credit points from subjects listed in Section 4.3 and should achieve an overall Weighted Average Mark (WAM) of at least 50.

To qualify for award of the degree of Bachelor of Commerce a student must accrue an aggregate of at least 204 credit points, including a major study, by satisfactory completion of subjects listed in the Section 4.4 (refer to Sections 4.4.1 to 4.4.8 depending on the student's major study – Accounting, Finance, Human Resource Management, Management, Marketing, International Business and should achieve an overall Weighted Average Mark (WAM) of at least 50.

In all degree programs, the 204 credit points shall include 60 credit points of General Education Subjects, 144 credit points of core subjects and elective subjects.

4.2. Completion Requirements: Business degree programs

To qualify for the award of the degree of Bachelor of Business Administration or Bachelor of Commerce, students must satisfy the following requirements.

- Of the 144 credit points of core and elective subjects, not more than 72 credit points shall be for 100 level subjects;

General education subjects shall include 60 credit points as prescribed by each Faculty. Zero level subjects do not qualify as electives.

4.3. Completion Requirements: IT degree programs

Bachelor of Computer Science

To qualify for the award of the degree of Bachelor of Computer Science, students must satisfy the following requirements.

- Complete 204 credit points of general education, core, and electives of which
  - 60 credit points are general educations.
  - 90 credit points of core and elective subjects
  - 54 credit hours electives in 100, 200 and 300 level subjects
  - At least 24 credit hours of elective subjects at 300 level from which 12 credit hours has to be CSCI subjects.
  - Not more than12 credit points for100 level subjects
- Achieve an overall Weighted Average Mark (WAM) of 50% average at UOWD.

General education subjects shall include 60 credit points as prescribed by the College. Zero level subjects do not qualify as electives.

Bachelor of Information Technology In Management Information Systems (MIS)

To qualify for the award of the degree of Bachelor of Information Technology In Management Information Systems (MIS) students must satisfy the following requirements:

- Students are required to complete the thirty four (34) subjects (204cps)
- Ten (10) General Education Subjects as specified in the degree planner.
- Twenty two (22) compulsory core subjects.
- Two (2) elective subjects to be selected from the approved list of elective subjects.
- Achieve an overall Weighted Average Mark (WAM) of 50% average at UOWD.

Bachelor of Engineering

To qualify for the award of the degree of Bachelor of Engineering, students must satisfy the following requirements.

- Students are required to complete 37 subjects not including any foundation subjects that students might need.
- 48 CP (6 subjects) General Education subjects as per degree planner
- 144 CP (24 subjects) Core Engineering subjects
- 30 CP (5 subjects) Major subjects elected from list of approved major subjects
- 18 CP Thesis
- 12 weeks internship
- Achieve an overall Weighted Average Mark (WAM) of 50% average at UOWD.

4.4. General Education Subjects

The general education requirement is designed to add breadth to undergraduate students' intellectual experience. Students must attain knowledge and competency equivalent to completing one or more university-level courses in each of the following areas: i) English, Arabic or other languages; ii) the humanities or arts; iii) the natural sciences; iv) information technology or mathematics; and v) the social or behavioral sciences;

For students in BCOM and BBA, of the 204 credit points required to graduate, 60 credit points are from General Education (GEC) subjects. Please refer to the respective degree planners.

For students in Bachelor of Computer Science, Bachelor of Information Technology In Management Information Systems (MIS) and Bachelor of Engineering please refer to your respective degree planners for the GEC list.

4.4.1. Challenge Tests

Students who meet the criteria to sit one or more Challenge Tests can apply to do so for ENG011, and/or MATH015, and/or CSCI015 and/or STAT015. Students enrolling in Bachelor of Computer Science and Bachelor of Information Technology in MIS do not need to do the CSCI015 challenge test.

Students who successfully complete a Challenge Test for any of these subjects will be awarded advanced standing. Challenge Tests are normally held in the week prior to the commencement of session OR in the 1st week of class.

Bachelor of Engineering

Engineering Entrance Tests are available in the first semester for students enrolled on the Bachelor of Engineering program. Passing the Entrance Tests means you will not be required to take remedial subjects.

The Entrance Tests are available in Physics, Mathematics/Statistics, and Academic English. All Engineering students are eligible to apply for the Entrance Tests in Mathematics/Statistics and Physics. Engineering Entrance Tests in Physics and Mathematics/ Statistics don't account for any advance standing. Entrance tests in Engineering are conducted to assess the student's capabilities in these subjects.

A mark of 60% or above in a test will entitle you to exemption from that subject and enable you to enroll in an alternative subject, with the guidance of your Academic Advisor. If you score less than 60% in any of the tests, you will be required to enroll in that subject.

4.5. Bachelor of Business Administration[1]

Testamur Title of Degree:	Bachelor of Business Administration
Abbreviation:	BBA
Home College:	Faculty of Business
Duration:	4 years (8 Sessions) full time
Total Credit Points:	204
Starting Session(s):	Any session (Autumn, Spring or Summer)
Delivery Mode:	Face to face
Location:	University of Wollongong in Dubai, Knowledge Village
UOWD Course Code:	1783

Overview

The Bachelor of Business Administration degree program aims to provide students with a broad general education and the necessary business knowledge and skills to prepare them for entry level positions in organizations. On completion of the BBA program graduates will have acquired adequate knowledge in accounting, economics, marketing and management to solve business problems.

Degree Requirements

Students are required to complete thirty four (34) subjects (204 cps) according to the sequence of study shown below. There are thirty (30) compulsory subjects that are required, and four (4) elective subjects to be selected from the approved subjects provided each session. The full list of subjects is shown below.

1. The following general education subjects :

Code	Title	Pre-Requisite	Session	CP
ENG011	Academic English	None	Autumn/Spring	6
ARTS017	Islamic Culture	None	Autumn/Spring	6
MATH015	Foundation of Mathematics A	None	Autumn/Spring	6
ENG012	Academic Reading & Writing	ENG011	Autumn/Spring	6
STAT015	Introduction to Statistics	None	Autumn/Spring	6
ARTS035	Introduction to Philosophy	None	Autumn/Spring	6
CSCI015	Computer Applications	None	Autumn/Spring	6
COMM101	Principles of Responsible Commerce	None	Autumn/Spring	6
One subject from the following list:				
ENVI030	Environmental Science	None	Autumn/Spring	6
PHYS030	Introduction to Physics	None	Autumn	6
One subject from the following list:				
PSYC015	Introduction to Psychology	None	Autumn/Spring	6
LAW101	Law, Business, and Society	None	Autumn/Spring	6

[1] The part-time mode of delivery of the BBA program is not available from the spring semester of 2013 until further notice.

2. The following core subjects :

Code	Title	Pre-Requisite	Session	CP
ACCY111 (earlier was ACCY100)	Accounting Fundamentals in Society	None	Autumn/Spring	6
ACCY112 (earlier was ACCY102)	Accounting in Organizations	ACCY111 or ACCY100	Autumn/Spring	6
COMM113 (earlier was COMM110)	Business Oriented Information Systems	None	Autumn/Spring	6
COMM121	Quantitative Methods I	STAT015	Autumn/Spring	6
ECON101	Macroeconomic Essentials for Business	None	Autumn/Spring	6
ECON111	Introductory Microeconomics	None	Autumn/Spring	6
MGMT102	Business Communications	None	Autumn/Spring	6
MARK101	Marketing Principles	None	Autumn/Spring	6
MGMT110	Introduction to Management	None	Autumn/Spring	6
FIN111 (earlier was FIN221)	Introductory Principles of Finance	None	Autumn/Spring	6
COMM334	Intercultural Applications of Socially Innovative Business	96 cp including all commerce core subjects	Autumn/Spring	6
ACCY211	Management Accounting II	ACCY112 or ACCY102	Autumn	6
FIN226	Financial Markets & Institutions	(ACCY112 or ACCY102 and ECON111) or FIN111	Spring	6
MARK270	Services Marketing	MARK101	Autumn	6
MGMT215	Small Business Management	MGMT110	Autumn	6
MGMT206	Managing Human Resources	MGMT110	Spring	6
MGMT201	Organizational Behaviour	MGMT110	Spring	6
ECON332	Managerial Economics & Ops	COMM121	Spring	6
MGMT314	Strategic Management	MGMT110 or MARK101 plus 72 cp	Spring	6
MGMT389	International Business Management	MGMT110 or MARK101	Autumn	6
Plus	Four electives (of 6 CP) minimum			24
Minimum Credit Points required to qualify for this BBA Degree				204

BBA Electives

- Electives are subjects which are not stated in the above subject list of the BBA Degree
- Zero level subjects are not considered as electives

It's the responsibility of students to review subjects scheduled to be offered in each semester and ensure that pre-requisites are completed to plan a smooth completion of their degree. To avoid lecture and exam clashes, students have to check the class & exam timetable before selecting subjects for enrolment in each semester.

4.6. Bachelor of Commerce

Testamur Title of Degree:	Bachelor of Commerce
Abbreviation:	BCom
Home College:	Faculty of Business
Duration:	4 years (8 Sessions) full time
Total Credit Points:	204
Starting Session(s):	Any session (Autumn, Spring or Summer)
Delivery Mode:	Face to face
Location:	University of Wollongong in Dubai, Knowledge Village
UOWD Course Code:	1710

Overview

The Bachelor of Commerce degree programs aims to provide students with a good grounding in various fields of business and an opportunity to specialize in a selected area of business. The majors offered include Accounting, Finance, Human Resource Management, Management, Marketing, and International Business. All courses within the program are designed for a rapidly changing world with innovation, market-relevance, flexibility and an international focus. The program builds a bridge between the academic environment and the world outside.

Degree Requirements

Students are required to complete thirty four (34) subjects (204cps) according to the sequence of study listed below. For all BCom Majors (except International Business), students must complete the following ten (10) general education subjects and twelve (12) core subjects. In addition, students must complete their major subjects and electives for each BCom major

1. The following general education subjects (except for BCOM IB degree):

Code	Title	Pre-Requisite	Session	CP
ENG011	Academic English	None	Autumn/Spring	6
ARTS017	Islamic Culture	None	Autumn/Spring	6
MATH015	Foundation of Mathematics A	None	Autumn/Spring	6
ENG012	Academic Reading & Writing	ENG011	Autumn/Spring	6
STAT015	Introduction to Statistics	None	Autumn/Spring	6
ARTS035	Introduction to Philosophy	None	Autumn/Spring	6
CSCI015	Computer Applications	None	Autumn/Spring	6
COMM101	Principles of Responsible Commerce	None	Autumn/Spring	6
One subject from the following list:				
ENVI030	Environmental Science	None	Autumn/Spring	6
PHYS030	Introduction to Physics	None	Autumn	6
One subject from the following list:				
PSYC015	Introduction to Psychology	None	Autumn/Spring	6
LAW101	Law, Business, and Society	None	Autumn/Spring	6

2. The following core subjects (except for BCOM IB degree)

Code	Title	Pre-Requisite	Session	CP
ACCY111 (earlier was ACCY100)	Accounting Fundamentals in Society	None	Autumn/Spring	6
ACCY112 (earlier was ACCY102)	Accounting in Organizations	ACCY111 or ACCY100	Autumn/Spring	6
COMM113 (earlier was COMM110)	Business Oriented Information Systems	None	Autumn/Spring	6
COMM121	Statistics for Business	STAT015	Autumn/Spring	6
ECON101	Macroeconomic Essentials for Business	None	Autumn/Spring	6
ECON111	Introductory Microeconomics	None	Autumn/Spring	6
MARK101	Marketing Principles	None	Autumn/Spring	6
MGMT102	Business Communications	None	Autumn/Spring	6
MGMT110	Introduction to Management	None	Autumn/Spring	6
FIN111 (earlier was FIN221)	Introductory Principles of Finance	None	Autumn/Spring	6
MGMT316* (Except in BCom Finance Major)	Operations Management	COMM121 or STAT131	Autumn	6
COMM334	Intercultural Applications for Socially Innovative Business	96 cp including all commerce core subjects	Autumn/Spring	6

4.6.1. Accountancy

Overview

A major in Accounting will enable students to understand and critically analyze financial reporting issues and their impact within the framework of the Generally Accepted Accounting Principles. They will also develop an understanding of cost and management accounting techniques for planning, decision-making and performance evaluation. Students will be provided a foundation in the procedures of auditing and international taxation.

To satisfy the requirements for a major study in Accountancy, a student shall satisfactorily complete the Bachelor of Commerce core subjects, as listed in the degree requirements, plus the following additional subjects for a total of thirty one (31) compulsory subjects and three (3) electives:

Code	Title	Pre-Requisite	Session	CP
ACCY200	Financial Accounting IIA	ACCY112 or ACCY102	Autumn	6
ACCY201	Financial Accounting IIB	ACCY200	Spring	6
ACCY211	Management Accounting II	ACCY112 or ACCY102	Autumn	6
ACCY231	Info Systems in Accounting	ACCY112 or ACCY102	Spring	6
ACCY305	Financial Accounting III	ACCY201	Spring	6
ACCY312	Management Accounting III	ACCY211	Autumn	6
ACCY328	International Taxation	ACCY201	Spring	6
ACCY342	Auditing and Assurance Services	ACCY201	Autumn	6
FIN222	Corporate Finance	(ACCY112 or ACCY102 and ECON111) or (FIN111 and ACCY112 or ACCY102)	Autumn	6
Plus	Three electives (of 6 CP) minimum			18
Minimum Credit Points required to qualify for this BCOM Degree				204

Accountancy Electives

- Electives are subjects which are not stated in the GEC, Core and Major subject list of the Degree
- Zero level subjects are not considered as electives

It's the responsibility of students to review subjects scheduled to be offered in each semester and ensure that pre-requisites are completed to plan a smooth completion of their degree. To avoid lecture and exam clashes, students have to check the class & exam timetable before selecting subjects for enrolment in each semester.

4.6.2. Finance

Overview

A major in Finance will allow students to gain an in-depth understanding of the role of financial management in the business firm, including the calculation and use of financial ratios. Students will develop an understanding of how companies choose between possible investments and how they raise capital. They will acquire knowledge about the role of financial institutions particularly the operation of securities markets. The program will equip graduates with the ability to analyze the riskiness of investments and the use of hedging with options and futures to reduce the risk of an investment portfolio.

To satisfy the requirements for a major study in Finance, a student shall satisfactorily complete the Bachelor of Commerce core subjects, as listed in the degree requirements, plus the following additional subjects for a total of thirty (30) compulsory subjects and four (4) electives:

Code	Title	Pre-Requisite	Session	CP
ECON240	Financial Modeling	COMM121 or STAT131	Autumn	6
ACCY200	Financial Accounting	ACCY112 or ACCY102	Autumn	6
FIN222	Corporate Finance	(ACCY112 or ACCY102 and ECON111) or (FIN111 and ACCY112 or ACCY102)	Autumn	6
FIN223	Investment Analysis	FIN221 or FIN222 or FIN241	Spring	6
FIN226	Financial Markets & Institutions	(ACCY112 or ACCY102 and ECON111) or FIN111	Spring	6
FIN322	Advanced Corporate Finance	FIN222 or FIN241 plus one other 200 or 300 level FIN subject	Spring	6
FIN323	Portfolio Analysis	FIN223	Spring	6
FIN324	Financial Statement Analysis	(12 cp in FIN subjects and ACCY200) or (FIN221 or FIN222 and ACCY200)	Autumn	6
FIN351	International Finance	FIN222 or FIN241 plus one other 200 or 300 level FIN subject	Autumn	6
Plus	Four electives (of 6 CP) minimum			24
Minimum Credit Points required to qualify for this BCOM Degree				204

Finance Electives

- Electives are subjects which are not stated in the gec, core and major subject list of the Degree
- Zero level subjects are not considered in electives
- Effective Spring 2014 semester, FIN241 will not be considered as elective for Finance major students

It's the responsibility of students to review subjects scheduled to be offered in each semester and ensure that pre-requisites are completed to plan a smooth completion of their degree. To avoid lecture and exam clashes, students have to check the class & exam timetable before selecting subjects for enrolment in each semester.

4.6.3. Human Resource Management

Overview

The Bachelor of Commerce in Human Resource Management is designed to prepare students with a good grounding in various fields of business studies while focusing on the Human Resource Management specialization. The program equips graduates with the ability to identify, analyze and solve complex business problems. From a human resource perspective, students will develop abilities to understand the environment and processes of recruitment and selection, apply concepts and techniques to promote change, manage and develop people and apply appropriate occupational health and safety practices in organizations. The program will provide critical perspectives on the role and functions of HR professionals.

To satisfy the requirements for a major study in Human Resource Management, a student shall satisfactorily complete the Bachelor of Commerce core subjects, as listed in the degree requirements, plus the following additional subjects for a total of thirty (30) compulsory subjects and four (4) electives:

Code	Title	Pre-Requisite	Session	CP
MGMT205	Recruitment and Selection	MGMT110 and MGMT206	Autumn	6
MGMT201	Organizational Behavior	MGMT110	Spring	6
MGMT206	Managing Human Resources	MGMT110	Spring	6
MGMT220	Organizational Analysis	MGMT110	Spring	6
MGMT321	Workplace Health & Safety Mgmt	MGMT110 and MGMT206	Autumn	6
MGMT314	Strategic Management	MGMT110 plus MARK213 or MARK101 plus 72 credit points	Spring	6
MGMT311	Management of Change	MGMT110	Autumn	6
MGMT322	Training and Development	MGMT110 and MGMT206	Autumn	6
Plus	FOUR electives (of 6 CP) minimum			24
Minimum Credit Points required to qualify for this BCOM Degree				204

HRM Electives

- Electives are subjects which are not stated in the gec, core and major subject list of the Degree
- Zero level subjects are not considered in electives

It's the responsibility of students to review subjects scheduled to be offered in each semester and ensure that pre-requisites are completed to plan a smooth completion of their degree. To avoid lecture and exam clashes, students have to check the class & exam timetable before selecting subjects for enrolment in each semester.

4.6.4. Management

Overview

Management is the art and science of planning, coordinating and leading group efforts. It is the mobilising of human and material resources to achieve organisational goals. Managerial skills include the ability to make sound judgments on issues that arise at work and to achieve objectives through organisational skills. A major in Management aims to provide a basic understanding of how to apply key managerial concepts and theories in the contemporary work environment. The program assists students in developing interpersonal skills and to understand how group dynamics affect individual and group behaviour. They develop an understanding of sources of change, barriers to change and effective ways of overcoming them.

To satisfy the requirements for a major study in Management, a student shall satisfactorily complete the Bachelor of Commerce core subjects, as listed in the degree requirements, plus the following additional subjects for a total of thirty (30) compulsory subjects and four (4) electives:

Code	Title	Pre-Requisite	Session	CP
MGMT201	Organizational Behavior	MGMT110	Spring	6
MGMT206	Managing Human Resources	MGMT110	Spring	6
MGMT220	Organizational Analysis	MGMT110	Spring	6
MGMT215	Small Business Management	MGMT110	Autumn	6
MGMT311	Management of Change	MGMT110	Autumn	6
MGMT314	Strategic Management	MGMT110 plus MARK213 or MARK101 plus 72 credit points	Spring	6
MGMT350	Continuous Quality Improvement	MGMT110 plus ECON121 or COMM121 or STAT131	Spring	6
MGMT351	Responsible Leadership	MGMT110 & MGMT201	Autumn	6
Plus	FOUR electives (of 6 CP) minimum			24
Minimum Credit Points required to qualify for this BCOM Degree				204

Management Electives

- Electives are subjects which are not stated in the gec, core and major subject list of the Degree
- Zero level subjects are not considered in electives

It's the responsibility of students to review subjects scheduled to be offered in each semester and ensure that pre-requisites are completed to plan a smooth completion of their degree. To avoid lecture and exam clashes, students have to check the class & exam timetable before selecting subjects for enrolment in each semester.

4.6.5. Marketing

Overview

A Marketing major provides the skills to generate products and services for which there is a defined customer need and to position the product or service in the market with effective promotion, pricing and distribution strategies. The Marketing major is geared toward problem-solving and management decision making. A major in Marketing seeks to engage students in critical thinking processes, requiring in-depth analysis of qualitative and quantitative market data and development of subsequent marketing strategies. The program equips students with the knowledge and skills to evaluate alternative marketing strategies and commit to a course of action, using financial, organizational, environmental and ethical criteria.

To satisfy the requirements for a major study in Marketing, a student shall satisfactorily complete the Bachelor of Commerce core subjects, as listed in the degree requirements, plus the following additional subjects for a total of thirty (30) compulsory subjects and four (4) electives:

Code	Title	Pre-Requisite	Session	CP
MARK205	Introductory Marketing Research	MARK101	Autumn	6
MARK217	Consumer Behavior	MARK101	Spring	6
MARK270	Services Marketing	MARK101	Autumn	6
MARK301	Internet Application for Marketing	MARK101	Autumn	6
MARK333	Marketing Communications & Advertising	MARK101	Spring	6
MARK343	International Marketing	MARK101	Autumn	6
MARK395	Tourism Marketing	MARK101	Spring	6
MARK344	Marketing Strategy	MARK101 PLUS 12 cp from 200 level MARK subjects, or 6 cp from 200 level MARK subjects and 6 cp from 300 level MARK subjects	Spring	6
Plus	FOUR electives (of 6 CP) minimum			24
Minimum Credit Points required to qualify for this BCOM Degree				204

Marketing Electives

- Electives are subjects which are not stated in the gec, core and major subject list of the Degree
- Zero level subjects are not considered in electives

It's the responsibility of students to review subjects scheduled to be offered in each semester and ensure that pre-requisites are completed to plan a smooth completion of their degree. To avoid lecture and exam clashes, students have to check the class & exam timetable before selecting subjects for enrolment in each semester.

4.6.6. International Business

Overview

The goals of the program are to equip students with the knowledge, skills and tools required to have a successful and rewarding career with an internationally-oriented organization. Provide students with thorough and multi-dimensional training in core business skills from an international perspective. Enhance students' analytical, problem solving, critical thinking and leadership skills required by organizations in the global marketplace.

To satisfy the requirements for a major study in International Business, a student shall satisfactorily complete the Bachelor of Commerce core subjects, as listed in the degree requirements, plus the following additional subjects for a total of thirty (30) compulsory subjects and four (4) electives to be selected from one of three elective tracks:

General Education Subjects:

Code	Title	Pre-Requisite	Session	CP
ARTS015 *	Introduction to University Life	None	TBA	6
ARTS017	Islamic Culture	None	Autumn/Spring	6
MATH015	Foundation of Mathematics A	None	Autumn/Spring	6
CSCI015	Computer Applications	None	Autumn/Spring	6
STAT015	Introduction to Statistics	None	Autumn/Spring	6
ENVI030	Environmental Science	None	Autumn/Spring	6
PSYC015	Introduction to Psychology	None	Autumn/Spring	6
LAW101	Law, Business, and Society	None	Autumn/Spring	6
IACT201	Information Technology & Citizens Rights	24 cp at 100 level	Autumn/Spring	6
One subject from the following list:				
ARTS035	Introduction to Philosophy	None	Autumn/Spring	6
MATH020	Foundation Mathematics B	MATH015	Autumn/Spring	6

** or approved equivalent*

Core Subjects :

Code	Title	Pre-Requisite	Session	CP
ACCY111 (earlier was ACCY100)	Accounting Fundamentals in Society	None	Autumn/Spring	6
ACCY112 (earlier was ACCY102)	Accounting in Organizations	ACCY111 or ACCY100	Autumn/Spring	6
COMM113 (earlier was COMM110)	Business Oriented Information Systems	None	Autumn/Spring	6
COMM121	Statistics for Business	STAT015	Autumn/Spring	6
ECON101	Macroeconomic Essentials for Business	None	Autumn/Spring	6
ECON111	Introductory Microeconomics	None	Autumn/Spring	6
MARK101	Marketing Principles	None	Autumn/Spring	6
MGMT110	Introduction to Management	None	Autumn/Spring	6
FIN111 (earlier was FIN221)	Introductory Principles of Finance	None	Spring	6
MGMT316	Operations Management	COMM121 or STAT131	Autumn	6
COMM351	Business Ethics and Governance	72 cp	Autumn/Spring	6

Major Subjects:

Code	Title	Pre-Requisite	Session	CP
ECON216	International Trade Theory & Policy	ECON111	Autumn/Spring	6
MGMT218	Competitive Analysis	ECON111	Autumn	6
FIN241	International Finance Management	(ACCY102 or ACCY112 and ECON111) or FIN111	Autumn	6
FIN353	Global Electronic Commerce	FIN221 or FIN111	Spring	6
MARK343	International Marketing	MARK101	Autumn	6
MGMT301	Managing Across Cultures	MGMT110 plus 12 cps from 200 or 300 level Management or Marketing subjects	TBA	6
MGMT314	Strategic Management	MGMT110 plus MARK213 or MARK101 plus 72 cp	Spring	6
MGMT341	International & Comparative Human Resource Management	MGMT110 plus 12 cps from Faculty of Commerce 200 or 300 level subjects	TBA	6
MGMT389	International Business Management	MGMT110 AND MARK213 or MARK101	Autumn	6
Plus	FOUR pre-determined electives (of 6 CP) minimum, as per elective tracks specified below			24
Minimum Credit Points required to qualify for this BCOM Degree				204

Important: *While enrolling online in FIN241 after completing FIN221, or vice versa, students will receive a system generated message about exclusion stating that the subject is equivalent. Kindly ignore this message and continue with your enrolment as both subjects require to be completed by BCom IB students*

The Program has three thematic elective tracks of which students must select ONE (Marketing OR Financial Management OR HRM):

Marketing Elective Track

This thematic elective track provides students with an in-depth understanding of how to undertake marketing in a global environment. The focus of this track is on specialised knowledge in the area of marketing which enables organisations to place their products and services in the marketplace and meet customer demand.

Subjects in this track include:

Code	Title	Pre-Requisite	Session	CP
MARK201	Applied Marketing Research A	MARK101	Autumn	6
MARK202	Applied Marketing Research B	MARK101 & MARK201	Spring	6
MARK301	Internet Application for Marketing	MARK101	Autumn	6
MARK344	Marketing Strategy	MARK101 PLUS 12 cp from 200 level MARK subjects, or 6 cp from 200 level MARK subjects and 6 cp from 300 level MARK subjects	Spring	6

Financial Management Track

This thematic elective track focuses on the management of financial functions in the context of a global organisation. It provides students with an understanding of how organisations manage their capital and investments across international boundaries.

Subjects in this track include:

Code	Title	Pre-Requisite	Session	CP
FIN226	Financial Markets & Institutions	(ACCY112 or ACCY102 and ECON111) or FIN111	Spring	6

FIN223	Investment Analysis	FIN221 or FIN222 or FIN241	Spring	6
FIN351	International Finance	FIN222 or FIN241 plus one other 200 or 300 level FIN subject	Autumn	6
ACCY231	Info Systems in Accounting	ACCY112 or ACCY102	Spring	6

Human Resource Management Track

This thematic elective track is designed to develop students' in-depth understanding of human resource management. Various aspects of managing people in organisations, including recruitment, selection, occupational health and safety, and training and development are covered in this track.

Subjects in this track include:

Code	Title	Pre-Requisite	Session	CP
MGMT206	Managing Human Resources	MGMT110	Spring	6
MGMT205	Recruitment and Selection	MGMT110 and MGMT206	Autumn	6
MGMT322	Training and Development	MGMT110 and MGMT206	Autumn	6
MGMT321	Workplace Health & Safety Management	MGMT110 and MGMT206	Autumn	6

It's the responsibility of students to review subjects scheduled to be offered in each semester and ensure that pre-requisites are completed to plan a smooth completion of their degree. To avoid lecture and exam clashes, students have to check the class & exam timetable before selecting subjects for enrolment in each semester.

4.7. Bachelor of Computer Science

Testamur Title of Degree:	Bachelor of Computer Science
Abbreviation:	BCompSc
Home College:	Faculty of Computer Science & Engineering
Duration:	4 years (8 Sessions) full time
Total Credit Points:	204
Starting Session(s):	Any session (Autumn, Spring or Summer)
Delivery Mode:	Face to face
Location:	University of Wollongong in Dubai, Knowledge Village
UOWD Course Code:	1766

Overview

The Bachelor of Computer Science (BCompSc) degree provides a general education in many aspects of Computer Science and Software Development. Computer science is the study of algorithmic processes that describe and transform information: theory, analysis, programming and design.

Computer scientists design and write programs for computer applications; these applications include computer systems to control machinery, the analysis of stock market trends, games design, visualization of chemical reactions, neural network design, robot navigation, and many other business and industrial applications. The degree prepares graduates to become effective knowledge workers in today's information economy; it provides students with a strong core of computing and allows them to pursue their interest by choosing among many specialized electives[2] or to major in areas such Digital Systems Security and in Multimedia and Game Development.

The Bachelor of Computer Science is accredited by the United Arab Emirates Ministry of Higher Education and Scientific Research, and by the Australian Computer Society as meeting requirements for membership at a "Professional Level".

Degree Requirements

Students to enroll in the Bachelor of Computer Science shall accrue an aggregate of at least 204 credit points by satisfactory completion of:

1. General Education Subjects (GEC) for BComSci

Subject		Session	Credit points
• Math (3 subjects)			
MATH015	Foundation Mathematics A	Annual	6
MATH020	Foundation Mathematics B	Annual	6
STAT015	Introduction to Statistics	Annual	6
• Language (2 subjects)			
ENG011	English	Autumn	6
ENG012	English	Spring	6
• Humanities and Art (1 subject)			
ARTS035	Introduction to Philosophy	Annual	6

[2] The award of this degree does not necessarily require that a major of study be undertaken

• Social Sciences (1 subject)			
PSYC015	Introduction to Psychology	Annual	6
LAW101	Law, Business and Society	Annual	6
• Ethics (1 subject)			
ISIT301	Professional Practice & Ethics	Annual	6
• Islamic (1 subject)			
ARTS017	Islamic Culture	Annual	6
• Sciences (1 subject)			
ENVI030	Environmental Studies	Annual	6
PHYS030	Introduction to Physics	Annual	6

2. The following core subjects

Subject		Session	Credit Points
CSCI103	Algorithms and Problem Solving	Autumn/Spring	6
CSCI114	Procedural Programming	Autumn/Spring	6
CSCI124	Applied Programming	Autumn/Spring	6
MATH121	Discrete Mathematics	Autumn/Spring	6
CSCI131	Introduction to Computer Systems	Autumn	6
STAT131	Understanding Variation and Uncertainty	Autumn/Spring	6
ISIT102	Information Systems	Autumn/Spring	6
ISIT105	Communications and Networks	Spring	6
CSCI235	Databases	Autumn	6
CSCI204	Object Programming & Frameworks	Autumn	6
CSCI212	Interacting Systems	Autumn	6
CSCI203	Algorithms & Data Structures	Spring	6
CSCI222	Systems Development	Spring	6
CSCI321	Graduation Project	Autumn/Spring	12

3. 54 Credit Points of electives including at least 24 credit points of CSCI 300-Level.
4. Achieve an overall Weighted Average Mark (WAM) of 50%.

Area of Major Study

Students enrolled in this degree may major in Digital Systems Security or in Multimedia and Game Development. To satisfy the requirements for a major study a student must satisfy the requirements for the award of the Bachelor of Computer Science, and have completed the subjects that comprise a major. Please note that it is not a requirement for the award of this degree that a major of study be undertaken.

Digital Systems Security

Major Study

To satisfy the requirements for a major study in Digital Systems Security, a student shall satisfactorily complete the Bachelor of Computer Science core subjects, as listed in the degree requirements, plus the following additional subjects:

- CSCI262 System Security
- CSCI319 Distributed Systems
- CSCI361 Cryptography and secure applications
- CSCI368 Network Security
- CSCI358 Security Engineering

Multimedia and Game Development

Major Study

To satisfy the requirements for a major study in Multimedia and Game Development, a student shall satisfactorily complete the Bachelor of Computer Science core subjects, as listed in the degree requirements, and the following additional core subjects

- CSCI236 3D Modeling and Animation
- At least four subjects (24 CP) from the following list:
    i. CSCI346 Game Development
    ii. CSCI356 Game Engine Fundamentals
    iii. CSCI 336 Computer graphics
    iv. CSCI366 Multimedia Computing
    v. CSCI 224 Human Computer Interaction

Approve List of Electives for the Degree

Subject		Session	Credit Points
CSCI 205	Development methods and Tools	TBA	6
CSCI 213	Java programming and object oriented design	Spring	6
CSCI236	3D Modeling and Animation	Autumn	6
CSCI262	System Security	Autumn	6
CSCI 311	Software Process Management	Autumn	6
CSCI319	Distributed Systems	Spring	6
CSCI 322	Systems Administration	TBA	6
CSCI 323	Artificial Intelligence	Spring	6
CSCI 224	Human Computer Interaction	Autumn	6
CSCI 336	Computer graphics	Autumn	6
CSCI356	Game Engine Fundamentals	TBA	6
CSCI358	Security Engineering	Spring	6
CSCI361	Cryptography and secure applications	Spring	6

Subject		Session	Credit Points
CSCI366	Multimedia Computing	TBA	6
CSCI368	Network Security	Autumn	6
CSCI370	Special Topics in Computer Science A	TBA	6
CSCI 399	Server Technology	Autumn	6
CSCI350	Internship	Summer	6
ISIT100	System Analysis	Autumn	6
ISIT201	Information and communication security	Spring	6
ISIT204	Principles of e-Business	Autumn	6
ISIT207	Web Programming I	TBA	6
ACCY111	Accounting Fundamentals in Society	Autumn/Spring	6
ACCY112	Accounting in Organizations	Autumn/Spring	6
ECON101	Macro economical Essentials for Business	Autumn/Spring	6
ECON111	Introductory Microeconomics	Autumn/Spring	6
MARK101	Marketing Principles	Autumn/Spring	6
MARK301	Internet Applications for Marketing	Autumn	6
MARK343	International Marketing	Autumn	6
MGMT110	Introduction to Management	Autumn/Spring	6
MGMT201	Organizational Behavior	Spring	6
MGMT206	Human Resource Management	Spring	6

4.8. Bachelor of Information Technology (Management Information Systems)

Testamur Title of Degree:	Bachelor of Information Technology in Management Information Systems
Abbreviation:	BIT (MIS)
Home College:	Faculty of Engineering & Information Systems
Duration:	4 years (8 Sessions) full time
Total Credit Points:	204
Starting Session(s):	Any session (Autumn, Spring or Summer)
Delivery Mode:	Face to face
Location:	University of Wollongong in Dubai, Knowledge Village
UOWD Course Code:	1848

Overview

The Bachelor of Information Technology in Management Information Systems program (MIS) is one of the most highly respected and popular programs nowadays; the program is targeted towards meeting the demand for graduates capable of developing, implementing and managing large-scale information systems as well as articulating the economic value and the strategic role of Information Technology.

The BIT program in Management Information Systems aims to:

- Equip students with the knowledge, skills, frameworks, methodologies and tools required to apply information technology, from a strategic and operational perspective, to create business efficiencies and competitive advantage.
- Provide students with multi-dimensional (technical and business) training and expertise in designing, developing, implementing and managing information systems in organizations;
- Enhance students' analytical, problem solving, decision-making and critical thinking skills for the purpose of understanding and solving business problems by using information technology effectively.
- Develop an understanding of core knowledge of key business concepts.
- Develop the ability to evaluate the strategic impact of information systems on organizational processes, profitability and decision-making effectiveness.
- Develop the skill to manage specifications, design and implement information systems and the development and maintenance of business information systems
- Develop the ability to select and apply appropriate technologies for the automation of business information systems.

Degree Requirements

Students to enroll in the Bachelor of Information Technology in Management Information Systems program shall accrue an aggregate of at least 204 credit points by satisfactory completion of:

1. General Education Subjects (GEC) BIT-MIS
Students need to choose subjects from the different categories below

Subject		Session	Credit points
• Math (3 subjects)			
MATH015	Foundation Mathematics A	Annual	6
MATH020	Foundation Mathematics B	Annual	6
STAT015	Introduction to Statistics	Annual	6
• Language (2 subjects)			
ENG011	English I	Autumn	6
MGMT102	Business communication	Annual	6

• Humanities and Art (1 subject)			
ARTS035	Introduction to Philosophy	Annual	6
• Social Sciences (1 subject)			
PSYC 015	Introduction to Psychology	Annual	6
LAW 101	Law, Business and Society	Annual	6
• Ethics (1 subject)			
ISIT301	Professional Practice & Ethics	Annual	6
• Islamic (1 subject)			
ARTS017	Islamic Culture	Annual	6
• Sciences (1 subject)			
ENVI030	Environmental Studies	Annual	6
PHYS030	Introduction to Physics	Annual	6

2. The following core subjects

Subject		Session	Credit Points
ISIT100	Requirements Determination & System Analysis	Autumn	6
ISIT102	Information Systems	Autumn	6
ISIT105	Structure & Organization of Telecommunications	Spring	6
ISIT111	Business Programming 1	Autumn	6
ISIT112	Database Management Systems	Autumn	6
ISIT114	Business Programming 2	Spring	6
ISIT201	Information and Communication Security	Spring	6
ISIT208	Computer Systems Management	Autumn	6
ISIT218	System Design and Architecture	Spring	6
ISIT311	Advanced Database Management Systems	Spring	6
ISIT318	Information Systems Project	Autumn	12
STAT131	Understanding variations and uncertainty	Autumn/Spring	6
ACCY111	Accounting 1A	Autumn/Spring	6
ACCY112	Accounting 1B	Autumn/Spring	6
COMM351	Business Ethics & Governance	Autumn	6
ECON111	Introductory Microeconomics	Autumn/Spring	6
FIN111	Introductory Business Finance	Spring	6
MARK101	Marketing Principles	Autumn	6
MGMT110	Introduction to Management	Spring	6

Subject		Session	Credit Points
MGMT206	Managing Human Resources	Spring	6
MGMT314	Strategic Management	Spring	6

3. 12 Credit Points of electives.
4. Achieve an overall Weighted Average Mark (WAM) of 50%.

Approve List of Electives for the Degree

- MARK301 Internet Applications for Marketing
- ISIT 204 Principles of e-Business
- MGMT309 Supply Chain Management
- MGMT311 Management of Change
- MGMT316 Operations Management

4.9. Bachelor of Engineering

Testamur Title of Degree:	Bachelor of Engineering
Abbreviation:	BE
Home College:	Faculty of Engineering & Information Sciences
Duration:	4 years (8 Sessions) full time
Total Credit Points:	220
Starting Session(s):	Any session (Autumn, Spring or Summer)
Delivery Mode:	Face to face
Location:	University of Wollongong in Dubai, Knowledge Village
UOWD Course Code:	1854

Overview

The primary aim of the Bachelor of Engineering Degree majoring in Computer Engineering, Electrical Engineering or Telecommunications Engineering is to train engineers for exciting and successful careers as system designers and developers, engineering managers, analysts, educators and researchers. The program prepares graduates to be globally recognized professional engineers with the requisite knowledge, skills and attitudes to further develop in their chosen careers. They have the capacity to effectively lead and contribute to the advancement of engineering, technology and commerce.

The programs have been designed to provide the basic theoretical background required by professional engineers as well as experience in working in teams and the ability to manage the process of designing and developing engineering solutions to address real world problems.

The goals of the Bachelor of Engineering Degree are:

- Equip students with the foundation knowledge and basic skills required to pursue a career in the field of engineering,
- Provide students with the information, theory, and models relevant to their particular fields of engineering study; and offer them the pertinent tools, devices and technologies used and practiced in the profession in order for students to become qualified engineers able to contribute effectively in the workplace.
- Enhance students' analytical, decision-making, and critical thinking skills for the purpose of addressing organizational challenges and designing engineering solutions based on integrating, synthesizing, and evaluating the various technological alternatives available in today's knowledge economy.

For all three engineering majors (Electrical, Computer, Telecommunications), the program of study is common until the end of the Autumn Session in third year. Students will have the opportunity to select the major of their choice in the middle of the third year until they complete their studies in the fourth (senior) year. Details of each major are presented further below in this proposal.

Degree Requirements

All students enrolled in the Bachelor of Engineering program should sit for challenge test for Mathematics and Physics and if necessary they may be requested to complete foundation subjects in mathematics and physics. Challenge tests are usually scheduled in the first week of classes and students should contact the Faculty office to apply for the test. Students to enroll in the Bachelor of Engineering program shall accrue an aggregate of at least 220 credit points by satisfactory completion of:

3. The following general education subjects

    1. ARTS017 Islamic Culture
    2. ISIT301 Professional Practice & Ethics
    3. ARTS 035 Introduction to Philosophy
    4. ENG011 Academic English

5. ENG012 Academic Reading & Writing
6. One subject from the following list
    i. PSYC015 Introduction to Psychology
    ii. LAW101 Law, Business and Society

4. The following core subjects

Subject		Year	Session	Credit Points
CSCI191	Engineering Programming 1	Year 1	Autumn	6
ECTE171	Introduction to Electrical Engineering Systems	Year 1	Autumn	6
MATH141	Foundations of Engineering Mathematics	Year 1	Autumn	6
PHYS141	Fundamentals of Physics A	Year 1	Autumn	6
CSCI192	Engineering Programming 2	Year 1	Spring	6
ENGG291	Engineering Fundamentals	Year 1	Spring	6
MATH142	Essentials of Engineering Mathematics	Year 1	Spring	6
PHYS142	Fundamentals of Physics B	Year 1	Spring	6
ECTE172	Introduction to Circuits and Devices	Year 1	Autumn	6
MATH291	Diff. Equations	Year 2	Autumn	3
ECTE233	Digital Hardware 1	Year 2	Autumn	6
ECTE203	Signals and Systems	Year 2	Autumn	6
ECTE250	Engineering Design and Management 2	Year 2	Annual	6
ECTE202	Circuits and Systems	Year 2	Spring	6
MATH253	Linear Algebra	Year 2	Spring	4
ECTE222	Power Engineering 1	Year 2	Spring	6
ECTE212	Electronics	Year 2	Spring	6
ECTE350	Engineering Design and Management 3	Year 3	Annual	6
ECTE333	Digital Hardware 2	Year 3	Autumn	6
ECTE301	Digital Signal Processing	Year 3	Autumn	6
ECTE364	Data Communications	Year 3	Autumn	6
STAT291	Engineering Statistics	Year 3	Autumn	3
ECTE344	Control Theory	Year 3	Spring	6
ECTE363	Communication Systems	Year 3	Spring	6
ECTE457[3]	Thesis	Year 4	Autumn	18
ECTE399	Professional Experience	Year 3	Summer	0

[3] Instead of completing ECTE 457 Thesis (18 CP), students may rather complete ECTE451 Engineering Project I (6 CP) and ECTE458 Engineering Project II (12 CP).

4.9.1. Electrical Engineering (EE)

Major Study

To satisfy the requirements for a major study in Electrical Engineering, a student shall satisfactorily complete the Bachelor of Engineering core subjects, as listed in the degree requirements, plus the following additional subjects:

- ECTE 323 Power Engineering 2 (Compulsory Subject)
- 3 Major Subjects (to be chosen from)
  - ECTE 423 Power System Analysis
  - ECTE 433 Embedded Systems
  - ECTE 471 Robotics and Flexible Automation
  - ECTE465 wireless Communication systems
- 1 Specialization Subject

4.9.2. Telecommunications Engineering (TE)

Major Study

To satisfy the requirements for a major study in Telecommunications Engineering, a student shall satisfactorily complete the Bachelor of Engineering core subjects, as listed in the degree requirements, plus the following additional subjects:

- ECTE 469 Queuing theory and optimization (Compulsory Subject)
- ISIT201 Information and Communication Security (Compulsory Subject)
- 2 Major Subjects (to be chosen from)
  - ECTE 401 Multimedia Signal Processing
  - ECTE 465 Wireless Communication systems
  - ECTE 482 Network Engineering
- 1 Specialization Subject

4.9.3. Computer Engineering (CE)

Major Study

To satisfy the requirements for a major study in Computer Engineering, a student shall satisfactorily complete the Bachelor of Engineering core subjects, as listed in the degree requirements, plus the following additional subjects:

- CSCI 213 Java Programming and Applications (Compulsory Subject)
- ECTE 432 Computer Architecture (Compulsory Subject)
- 2 Major Subjects (to be chosen from)
  - ECTE 433 Embedded Systems
  - ECTE 401 Multimedia Signal Processing
  - ECTE471 Robotics and Flexible Automation
- 1 Specialization Subject

LIST OF SPECIALIZATION SUBJECTS

Subject	Session
ECTE427 Renewable and Embedded Generation	Autumn
ECTE423 Power System Analysis	Autumn
ECTE471 Robotics and Flexible Automation	Spring
ECTE465 wireless Communication systems	Spring
ECTE432 Computer Architecture	Spring
ECTE401 Multimedia Signal Processing	Autumn
ECTE482 Network Engineering	Autumn
ECTE469 Queuing theory and optimization	Spring
ECTE412 Power Electronics and Drives	Spring
ECTE426 Power Distribution Systems	Spring
ECTE433 Embedded Systems	Autumn

5. SUBJECT DESCRIPTIONS

ACCY111- Accounting Fundamentals in Society

Pre-requisite: None

Exclusions: ACCY100

Description: This subject introduces the role of accounting information in society including its social and ethical aspects relating to both the individual and the organisation. The subject introduces basic accounting language, concepts and techniques to identify, classify, process, record and present accounting and financial information. The subject also considers accounting information that can be used for making decisions about past and future economic events in a variety of business and social settings.

ACCY112- Accounting in Organizations

Pre-requisite: ACCY111 or ACCY100

Exclusions: ACCY102

Description: The subject advances understanding of accounting in organisations. The subject introduces accounting for complex equity structures, and develops the theoretical and technical aspects of accounting for assets and the protection of assets through internal controls. Accounting for the past and future is examined through the introduction of cost structures and their application in solving fundamental business problems using cost-volume profit analysis. The application of budgets is explored.

ACCY200 - Financial Accounting II A

Pre-requisite: ACCY102 or ACCY112

Exclusions: ACCY202 and ACCY292

Description: ACCY200 builds on the knowledge and skills students have acquired in both ACCY100 and ACCY102 (or their equivalent subjects). The subject contains several distinct but inter-related strands, and begins with an exploration of concepts necessary to understand the framework established in Australia for financial reporting. A technical strand of knowledge needed to prepare financial reports under the Australian Corporations Act and Australian International Financial Reporting Standards is explored. This subject also covers a contextual strand of knowledge, highlighting the environment in which financial reporting takes place, and introduces a theoretical strand of knowledge and skills necessary to critique, at an introductory level, current financial reporting practices and developments.

ACCY201 - Financial Accounting II B

Pre-requisite: ACCY202 or ACCY200

Description: ACCY201 builds on the knowledge and skills students have acquired in ACCY200. As with ACCY200, the subject contains a number of distinct but inter-related strands. Firstly, there is a technical strand incorporating the application of specific accounting standards and regulatory provisions to the preparation of financial reports, with particular emphasis on consolidated accounts. Secondly, there is a contextual strand highlighting the national and international environment in which financial reporting takes place by reference to media sources and selected documentaries. Thirdly, there is a theoretical strand, wherein students will be given the opportunity to further develop critique and reflective skills acquired in ACCY200. The theoretical strand will specifically link the technical and contextual strands by considering accounting as both socially constructed and socially constructing.

ACCY211 - Management Accounting II

Pre-requisite: ACCY102 or ACCY112

Exclusions: ACCY212

Description: This subject deals with the design, production and use of accounting and other quantitative information in the planning and control of organisations, including the management of the production function, decentralised organisations, derivation of cost relationships and statistical control of costs.

ACCY231 - Information Systems in Accounting

Pre-requisite: ACCY102 or ACCY112

Description: This subject introduces management information systems, including data collection and processing, internal control and internal reporting. System design and computer applications are also covered.

ACCY305 - Financial Accounting III

Pre-requisite: ACCY201

Description: This subject offers a critical evaluation of advanced aspects of financial accounting and external reporting with particular reference to developments in accounting theory, professional standards, and accounting practice including the critical evaluation and comparison of various financial accounting theories. This subject explores financial accounting in its organisational, social and political contexts.

ACCY312 - Management Accounting III

Pre-requisite: ACCY211

Description: This subject provides an advanced treatment of management accounting theory and its relationship to decision theory, including model building and use, cost prediction, pricing decisions, and the behavioural dimensions of management accounting.

ACCY328 - International Taxation

Pre-requisite: ACCY201

Description: This subject covers cross border transactions with respect to the taxes the entity may incur as they trade and how these have an impact on the pricing of products. International taxation as it applies to the individual and a company are explored as well as its impact on their income and other trading activities. This subject also takes a comparative perspective of a number of issues confronting both companies and individuals who transact across national borders. Comparisons of taxation between countries such as Australia, UAE, UK and the USA will be examined.

ACCY342 - Auditing and Assurance Services

Pre-requisite: ACCY201

Description: This subject examines the contemporary risk and assurance approach to auditing, the collection and evaluation of audit evidence and the audit reporting process. The subject also develops an understanding of the legal environment in which the auditor works and focuses on the requirements of financial statement audit under the Corporations Law. In addition to this, the program introduces the use of computer assisted audit techniques and considers issues related to computer information systems audit.

ARTS017 - Islamic Culture

Pre-requisite: None

Description: This subject aims to provide an introduction to Islam not only as a religious belief for Muslims, but also as an ideology that has affected people's lives in Islamic societies during the course of history of Islam. Furthermore, this subject is designed to familiarize students with Islamic teaching, culture and traditions, and for students to gain an understanding of the main aspects of Islam as a way of life.

ARTS035 - Introduction to Philosophy

Pre-requisite: None

Description: This subject focuses on critical thinking, independent research, and appropriate oral presentation of a reasoned and informed argument. It is vital to a successful university life that students develop their own informed opinions on a range of subjects. The ideal medium to develop an appropriate approach to the art of reasoning is via a study of philosophy. An awareness of the major thrusts of philosophy from the principal regions of the world will provide students with the foundations, framework and confidence to be able to express their opinions articulately, knowledgably and logically. This subject gives them the skills and the opportunity to do this, both individually and as part of a team. It also develops their critical evaluation of research material and allows them to make judgements on published sources.

COMM101- Principles of Responsible Commerce

Pre-requisite: None

Description: The subject provides students with a conceptual tool kit for understanding and practising responsible and ethical Commerce. The topics covered will include the origins of contemporary systems of commerce, ethical and social responsibility in commerce and developments in ethical and responsible commerce. Areas addressed include the environment, globalization,

technology, anti-corruption, labour and human rights. Students will examine these issues from a variety of theoretical and practical perspectives and apply them to contemporary commercial contexts.

COMM110 - Introduction to Business Information Systems

Pre-requisite: None
Exclusions: BUSS110
Description: This subject examines the roles of information systems in a modern organisation. Topics covered include: information systems and their role in modern organisations; functions and purposes of various information systems and their components; system design and development process; information systems administration and management; social implications of information systems, hands-on experience in the use of productivity software. The practical component includes using the internet, word processing, spreadsheets and database systems.

COMM113- Business Oriented Information Systems

Pre-requisite: None
Exclusions: BUSS110 / COMM110
Description: Information systems (IS) form an integral part of modern organisations and are used to support all aspects of an organisations daily functions and activities. This subject introduces the fundamental information system concepts that facilitate business processes. It explores how organisations use information, IS and their respective applications to increase profitability, gain market share, improve customer service and manage daily operations whilst understanding the social implications of their decisions. Students will learn about the role of IS in the modern organisation and how IS supports all of the functional areas of an organisation Accounting, Finance, Marketing, Human Resources and Production/Operations Management.

COMM121 - Quantitative Methods I

Pre-requisite: STAT015
Exclusions: STAT131 or ECON121
Description: An introduction to quantitative techniques and their application to business economics. Emphasis will be on statistics and topics will include descriptive statistics, probability, sampling, confidence intervals and hypothesis testing, elementary correlation and regression analysis and the use of computer programs for estimation and analysis.

COMM334- Intercultural Applications for Socially Innovative Business

Pre-requisite: 96 credit points including all commerce core subjects
Description: Intercultural Applications of Socially Innovative Business enables students to apply the principles of ethical, socially responsible, and sustainable commerce in an intercultural business environment. The subject is based on a series of lectures and an action based learning project. Students investigate socially innovative commercial problems which may include private, public and not for profit organisations for different communities. Students will engage in communities to develop a framework designed for sustainability and social innovation in a multidisciplinary business environment.

COMM351 - Business Ethics and Governance

Pre-requisite: 72 cp
Description: An examination of the central issues in business ethics, covering topics such as the concept of social responsibility, individual and corporate values, models for making ethical decisions, ethics for the employee, the customer, the environment, the community, the government and the multinational context. Class consists primarily of student-centred discussion and experiential activities. Semester is arranged to take students through a reflective, unlearning process.

CSCI015 - Computer Applications

Pre-requisite: None
Exclusions: CSCI001
Description: Computer Applications provides information on basic computing concepts, theories and the various applications of Information Technology in society. It also enables you to confidently and competently use an operating system, a variety of application packages including word processing, spreadsheets, and Power Point presentations.

CSCI102 / ISIT102 - Systems

Pre-requisite: None
Description: CSCI102 establishes the position of Computer Science and Information Technology in a non-programming context. Areas introduced include Human-Computer Interface, Information Modelling, Intelligent Systems, Networks, Operating Systems, Software Design and Development and Professional ethics, rights and responsibilities.

CSCI103 - Algorithms and Problem Solving

Pre-requisite: None
Description: CSCI103 introduces the basic concepts of algorithms and their relationship to data structures and problem solving. This subject emphasises problem solving techniques leading to the development of algorithms rather than their implementation or a formal mathematical treatment of algorithms. Topics include sorting, searching and counting problems and the principal algorithms used in their solution. Common approaches to algorithm development and analysis will be examined.

CSCI114 - Procedural Programming

Pre-requisite: None
Exclusions: BUSS111 or CSCI111
Description: CSCI114 introduces the procedural approach to program design and implementation. Covers basic language constructs for defining variables of built-in types, flow control constructs and simple I/O. Explores functional decomposition as a design technique, and the implementation of functions. Introduces simple user-defined data types and aggregates.

CSCI124 - Applied Programming

Pre-requisite: (CSCI111 and CSCI103) or (CSCI114 and CSCI103)
Exclusions: CSCI121
Description: This subject develops a thorough understanding of program design using data structures. It extends CSCI114 and presents pointers, dynamic memory management and exception handling. Other topics include implementation of Sorting and Searching Algorithms including the use of typedefs, void pointers and indexes to generalise algorithms; Implementation of data structures: queues, stacks, linked lists, dequeues, trees; Use of arrays as an implementation structure - hashing, radix sort, heaps and Heapsort; Random Access files and internal I/O; Testing of programs: black and white box testing, and the use of debuggers; Use of multi-file organisation in encapsulation and data hiding, with make files; These concepts will be treated through formal lectures, tutorials, assignments and laboratory sessions employing an object oriented language.

CSCI131 - Introduction to Computer Systems

Pre-requisite: CSCI111 or (CSCI114 and CSCI103)
Description: The subject focuses on the internal operation of the computer and provides an understanding of how the computer, at a low level, carries out the task of processing data. It deals with the machine language as determined by the architecture, addressing techniques, assembly languages, assembler construction, linkers, loaders and related operating system software and provides an introduction to the role of the operating system itself.

CSCI191 Engineering Programming 1

Pre-requisite: None
Description: The primary topic areas in this course include, but are not limited to, computer representation of various data types, the computer instruction set, basic C syntax, logic operators, flow control, functions, arrays, pointers, simple IO, scope of variables, basic microprocessor instruction cycle, relationships between assembly language and C, compilation, linkage and loading of programs. Students will learn structured programming such that problems can be translated from word definition to an intermediate stage and then implementation in C.

CSCI192 Engineering Programming 2

Pre-requisite:CSCI191
Description: The primary topic areas in this course include, but are not limited to; use of pointers in C, dynamic memory management, multi-file programs and make, testing and verification of software, problem solving strategies, the role of algorithms in the problem solving process, implementation of algorithms and the properties of algorithms. Basics of C++, classes, function overloading.

CSCI203 - Algorithms and Data Structures

Pre-requisite: CSCI121 or CSCI124
Description: Approaches to analysing algorithm complexity, introduced in first year subjects, will be reviewed. The use of abstract data types as a design technique, and their implementation in solutions to problems, will form a large part of the subject. The concept of efficient code and ways to measure efficiency (both empirically, by timings, and theoretically) will be studied.

CSCI204 - Object and Generic Programming in C++

Pre-requisite: CSCI121 or CSCI124
Description: CSCI204 develops a thorough understanding of the object-oriented approach and introduces such object concepts as encapsulation, inheritance, polymorphism and runtime binding. This is complemented by an introduction to object-oriented design, with UML representations at the program level. Templates are introduced as a method of achieving generalisation. Container classes and the Standard Template Library are presented as examples of generic programming.

CSCI205 - Software Development Methods and Tools

Pre-requisite: CSCI121 or CSCI124
Description: This subject provides an introduction to the process of design and analysis of software. Students will receive a formal introduction to the software design process and techniques, pattern design and reuse, as well as general approaches of interface design. A UML supporting tool will be used for practice of object oriented development approach.

CSCI212 - Interacting Systems

Pre-requisite: (CSCI124 and CSCI102) or (CSCI121 and CSCI102) or (CSCI124 and ISIT102)
Description: The subject develops an understanding of the operating system and tools from a programmer's viewpoint. Topics covered include the file system, processes, communication and tools. In particular, access, security, organisation, operating system effect on performance of a program, support, control; process and interaction, inter-process communication; use of shell scripts and commands to enhance problem solving; tools for development process; program paradigms: parallel, distributed, etc.

CSCI213 - Java Programming and Applications

Pre-requisite: CSCI121 or CSCI124
Description: This subject provides:

1. An introduction to the Java language and some of its standard class libraries;
2. Experience with object oriented design and implementation techniques.

Topics covered will include: use of a Java Integrated Development Environment, Java language, subset of the standard Java class packages (Standard Edition: windowing, graphics, TCP/IP networking, threads, database access, applet, media), security issues with portable code, Java "Micro Edition" (ME) and its associated packages and applications. Development of applications for different environments

CSCI214 - Distributed Systems

Pre-requisite: CSCI204 and CSCI213
Description: This subject introduces basic concepts underlying modern distributed computing architectures and provides some experience in the implementation of systems built using these architectures. Topics covered will include: low-level basics including sockets, internet-based inter-process communications, and threading; remote-procedure-calls and remote-method-invocations; modern synchronous and asynchronous XML-RPC style client server systems and supporting processes; messaging and transactional systems; peer-to-peer and grid technologies; supporting systems such as naming and directory services.

CSCI222 - Systems Development

Pre-requisite: CSCI204
Description: This subject provides a framework for understanding and developing the necessary skills to successfully undertake the major third year software project. The subject provides an introduction to the practical aspects of the development of a software application following a well defined process. Students will gain experience in the software development cycle, including requirements, design, and implementation, and also learn to exploit implementation support technologies. Assignments will provide experience of structured development work in a small group setting. The implementation language used in illustrations and assignments is C++.

CSCI235 - Databases

Pre-requisite: CSCI121 or CSCI124

Description: This subject investigates three major areas of modern database systems:

1. Design of relational databases
2. Programming of relational databases
3. Concurrency control and data recovery in database systems.

Topics will include: Introduction to conceptual database modelling; Principles of relational database model; Structured Query Language (SQL) and its procedural extensions (PL/SQL, Embedded SQL, JDBC); Database server programming; Normalisation of relational databases; and Transaction management and recovery in database systems.

CSCI236 - 3D Modelling and Animation

Pre-requisite: 12 credit points of 200 level CSCI or IACT subjects

Description: This subject provides students with a hands-on introduction to the use of computers for developing models of three-dimensional objects and viewing them in 3D as still images and animations. Topics covered include basic modelling primitives, from polygons to spline surfaces; tools to modify simple objects; surfacing concepts such as textures and bump maps; basic lighting of scenes; the animation process including key frames, articulated structures, camera movement and morphing; lighting effects such as volumetrics and radiosity. The subject uses the industry standard software package LightWave.

CSCI262 - Systems Security

Pre-requisite: CSCI121 or CSCI124

Description: The subject covers some fundamental computer security technologies in the following aspects:

1. Operating system security such as physical security, file protections, system abuses, attacks and protections;
2. Database security including data integrity, data recover, data encryption/ decryption, access control, and authentication;
3. Mobile code security including malicious logic, host and mobile code protection, mobile agents' security.
4. Intrusion detection;
5. Security policies;
6. Security management and risk analysis.

CSCI311 - Software Process Management

Pre-requisite: CSCI205

Description: The primary aim of this subject is to acquaint students with the formal methodologies associated with the task of managing the software development process. Topics may include: Project Planning, Cost Estimation, Project Scheduling, Factors Influencing Productivity, Productivity Metrics, Risk Assessment and Management, Planning for Change, Release and Configuration Management, Software Process Standards, Software Contracts, Approaches to Maintenance, Long-Term Software Development, Case Studies of Real World Projects, Ethics, Professional Organisations, Legal Implications and Liabilities.

CSCI315 - Database Design and Implementation

Pre-requisite: CSCI235

Description: This subject investigates the process of relational database design starting from conceptual database design, through logical database design up to and including physical database design, database tuning and administration. The topics will include conceptual database design based on Object Modelling Technique, methodologies for conceptual design, view integration, logical database design, database normalisation and de-normalisation, physical database design, generation of database applications, database tuning, design of distributed database systems.

CSCI321 - Project

Pre-requisite: (CSCI222 and CSCI204) or (CSCI213 and CSCI222) or (CSCI213 and CSCI204) and 12cp of 200 level subjects

Description: This is a 12 credit point subject. Working in groups, students design, implement, and document a software system. Involves: project planning and scheduling, seminars and individual presentations, group coordination, research of proposed application domain, use of design methodologies, design documentation, coding, module and system integration, testing, verification, and implementation. A small number of project topics have been proposed. Students will form teams, each of which

will design, implement and document a solution to one of the proposed projects. Teams will meet weekly with supervisors to discuss progress and problems.

CSCI323 - Artificial Intelligence

Pre-requisite: CSCI204 and 6cp of 200-level CSCI subjects
Description: CSCI323 reviews the main components of Artificial Intelligence research including knowledge representation, reasoning, natural language understanding, and perception. Focuses on Expert Systems and the computational models they embody. Introduces the programming languages Lisp and Prolog.

CSCI224/CSCI324 - Human Computer Interface

Pre-requisite: CSCI204 and 6cp of 200-level CSCI subjects
Description: This subject examines the design evaluation and implementation of interactive computing systems for human use (HCI) and the major phenomena surrounding them. Also considered are joint performance of tasks by humans and machines, structure of human machine communication, social and organisational interactions with machine design, human capabilities to use machines including their learning ability as well as algorithms and programming of the interface itself, engineering concerns that arise in designing interfaces, the process of specification design and implementation of interfaces and design tradeoffs.

CSCI336 - Computer Graphics

Pre-requisite: CSCI204 and 6cp 200 level CSCI subjects
Description: Introduction to computer representation of lines and points; mathematical models; transformations in 2 and 3 dimensions; homogenous coordinate systems; fill algorithms; solid modelling; hidden line and surface algorithms; lighting models; and current trends.

CSCI346 Game Development

Pre-requisite: CSCI236
Description: Subject introduces the game development and production lifecycle. Students are exposed to the different game genre and how they affect game play. The design and development of different game plays are introduced. The subject allows students to explore the appreciation and critical review of modern games. There is a hands-on aspect of the subject where students design and develop games of different genres using appropriate game development framework.

CSCI350 Internship

Pre-requisite: Successful completion of 24 cp of Computer Science subjects at 200 level
Description: The core of the internship program is a six to eight weeks period of work placement spent in supervised work in environment-related work during the summer. The summer internship is not compulsory and when carried out as per the regulation of the Faculty of Computer Science and Engineering can be counted as one of the elective courses only, so it cannot substitute for any required course. While the precise nature of internship will vary considerably, students will normally gain experience in some of the following areas: Software/hardware analysis, design, development and testing, The use and application of Software/Hardware tools in the design, development and implementation of problem solutions; Database design and development, Database implementation and maintenance, Installation and testing of hardware / software systems, Systems maintenance, Customer support, Software support for research projects, Software/Hardware evaluation and re- engineering

CSCI356 Game Engine Fundamentals

Pre-requisite: CSCI204
Description: The subject will employ an appropriate game engine to illustrate the use of an application programming interface (API) in the design and development of physics and artificial intelligence models for computer games. The subject will cover topics including, dynamics of particles, collision, rigid body dynamics and collision, gravity and projectiles, spring systems, water and waves. "Artificial intelligence" topics include finite state machines, fuzzy state machines, etc. The subject also covers the development of terrain, sound, etc, for games.

CSCI358 - Security Engineering

Pre-requisite: 12cp of 200-level CSCI subjects
Description: This subject develops the skills and applies the knowledge necessary to identify and solve problems in the deployment of security systems. Topics include: Relationships among cryptographic techniques. Black, white and grey hat

techniques. Authentication versus identification, Security policies for security administration. Security monitoring. E-commerce, bank security. File sharing and source control integrity. Legality of digital signatures, DRM, forensics, liability, copyright protection, internet censorship. Standards and RFCs. Security of deployed systems.

CSCI361 - Cryptography and Secure Applications

Pre-requisite: (CSCI204 or CSCI213) plus 6cp 200 level CSCI subjects

Description: This subject develops the skills and knowledge necessary to identify and address security problems in a variety of simple communication models. Topics covered include: Classical cryptology, Modern secret key cryptography including block (DES, AES) and stream ciphers (RC4), security properties (authentication, integrity, confidentiality, availability), public key cryptography (knapsacks, RSA, Rabin, Elgamal), digital signatures (RSA, DSS, Elgamal) , hashing (birthday paradox, Merkle-Damgard construction), MACS's, Key management (PKI, certificates, key establishment/exchange/transport, Diffie-Hellman), Identification protocols, Privacy preserving (mix-nets), Secret sharing. Applications studied include some of: email security, SET, E-payment, E-voting, Fair exchange.

CSCI366 Multimedia Computing

Pre-requisite: CSCI204

Description: The subject will introduce the acquisition, representation, compression, transportation/communication and consumption of multimedia data including, images, video and audio. The treatment will be general and cover commonly used acquisition devices including digital still and video cameras, audio microphones; colour representation techniques for images and video; modern compression techniques for compact representation (JPEG, JPEG2000, H.264/AVC, MPEG4,); RTSP, etc. The subject will include a laboratory component where students design and implement simple applications of multimedia including computer games.

CSCI368 - Network Security

Pre-requisite: CSCI361

Description: This subject provides a survey of network security technologies, and explores them in practice. This includes but is not limited to, network-based threats, security failure in cryptographic and network protocols, authentication servers, certificates and public-key infrastructures, security provisions in communication protocols and standards, electronic mail security, firewalls and intrusion detection systems.

CSCI371 - Special Topics in Computer Security

Pre-requisite: CSCI214 and CSCI262 and CSCI361

Description: This course provides students with

1. An understanding and first hand experience of advanced techniques and tools for identifying and categorizing vulnerabilities that allow penetration of networked systems and environments;
2. A practicum, for applying the concepts and methods of information security management acquired ,
3. experience in working as a team in order to perform information security tasks for the protection of an organisation information assets.

CSCI399 - Server Technology

Pre-requisite: CSCI213 or ITCS213

Description: This subject provides a broad overview of the computing technologies that underlie e-commerce. Technical topics will include: the HTML-markup language and HTTP protocol, client-side scripting with Javascript, CGI programming using Perl, web server configuration (Apache), PHP scripting, Java servlets, Java Server Pages, and a limited introduction to .NET.

ECON101 - Macroeconomic Essentials for Business

Pre-requisite: None

Description: This subject analyses relevant macroeconomic concepts and principles in an integrated macroeconomic environment. Simple macroeconomic models will be developed to characterise the interdependencies of the more important

components parts of a macro economy. This will allow students to analyse some real world problems and to start identifying and formulating appropriate macroeconomic policies.

ECON111 - Introductory Economics

Pre-requisite: None

Description: The aim of this course is to make the basic microeconomic concepts, elementary techniques, and simple microeconomic models and applications accessible and understandable to all students. Specifically, students who complete this subject successfully should know and be able to use the terminology and graphical techniques of basic microeconomics; understand and be able to explain the basic theory of demand and supply, including nature and application of price, cross, and income elasticities; know and be able to explain the basic theory of production and costs; and know and be able to explain the market behaviour of firms operating in markets characterised by perfect competition, monopoly, monopolistic competition, and oligopoly. Students should be able to use the theory of microeconomics to analyse social issues and policies in areas such as education, health care and the environment.

ECON216 - International Trade Theory and Policy

Pre-requisite: ECON111

Description: This subject is designed to provide an introduction to international trade theory and international trade policy. It will examine the theory, policies, practices and institutions of relevance to a country's trade with other nations. The following broad questions will be addressed: Why do nations trade with each other? What are the gains and losses from free trade to the nations involved? What determines the pattern of international trade and production? What are the effects of various commercial policies on the nations involved and on the welfare of various groups within those nations? How does the foreign exchange market work and in what ways does it facilitate or impede international trade? What are the possible effects of exchange-rate policies on a country's production, employment and price level? How is a country's trade performance linked to its external debt and economic growth? How can trade affect the local and global environment?

ECON240- Financial Modelling

Pre-requisite: COMM121 or STAT131

Description: Intercultural Applications of Socially Innovative Business enables students to apply the principles of ethical, socially responsible, and sustainable commerce in an intercultural business environment. The subject is based on a series of lectures and an action based learning project. Students investigate socially innovative commercial problems which may include private, public and not for profit organisations for different communities. Students will engage in communities to develop a framework designed for sustainability and social innovation in a multidisciplinary business environment.

ECON332 - Managerial Economics and Operations Research

Pre-requisite: COMM121

Description: This subject develops and applies a variety of quantitative techniques to economic and managerial decision-making. It is an extension of econ 228/230 and covers a wide range of quantitative analyses such as forecasting techniques, Markov process models, PERT, CPM and specialised network algorithms, risk preference analysis, transportation and assignment models and quadratic and nonlinear programming.

ECTE171 - Electrical Engineering Practice

Pre-requisite: None

Description: This subject aims to provide students with a general introduction to electrical, computer and telecommunications engineering and professional engineering practice. The subject will examine the role played by engineers in society and explain what it means to be a professional engineer. It will provide an introductory overview of engineering systems and signals; telecommunications engineering including the basics of a communications system, data communications and networks; computer engineering including the basics of computer systems, and digital circuits; electrical engineering including the basics of electrical energy systems. The subject also provides an introduction to the communication, management and teamwork skills required of professional engineers through a team design activity. The practical component will include introductory experiments within electrical, computer and telecommunications engineering. The design component will involve written and verbal presentations on topics within electrical, computer and telecommunications engineering.

ECTE172 - Introduction to Circuits and Devices

Pre-requisite: None
Co-requisites: MATH141
Description: This subject aims to provide students with an understanding of the behavior of basic electrical devices and circuits as used in electrical, computer and telecommunications engineering. It will provide an introduction to electrical quantities and measurements, circuit analysis and electronic devices and circuits. The practical component will cover basic electrical measuring, recording and display instruments; characteristics and measurements of circuit elements and analogue circuits.

ECTE182 - Internet Technology I

Pre-requisite: None
Description: This subject introduces students to the fundamentals of computer communications. These fundamentals are then used to outline internet architecture and describe its key components. Following this, the operation of the World Wide Web (WWW) will be detailed. Topics covered include packet switching; switched networks; layered protocols; local and wide area networks; WWW operation; network components (eg. routers); and access technologies (eg. modems). Laboratory exercises are used to illustrate key computer communications concepts.

ECTE202 - Circuits and Systems

Pre-requisites: ECTE170 (or ECTE172); and MATH142 (or MATH162 or MATH188)
Description: Topics covered in this subject include: dependent sources; circuit analysis techniques; simple operational amplifiers circuit analysis; feedback; generalised and complex impedance; energy storage elements L, C; natural, forced and complete response of first and second order circuits; phasors; frequency response; Bode plots; Laplace Transform and Fourier series; and magnetically coupled circuits.

ECTE203 - Signals and Systems

Pre-requisite: MATH142
*Description:*The aim of this subject is to provide students with an introduction to electrical signals, systems and signal processing. Topics covered include: mathematical representation of signals; description and analysis of systems; Fourier series analysis; Fourier transform analysis of signals and systems; sampling and the discrete Fourier transform; the Laplace transform; Laplace transform analysis of signals and systems; the z- Transform; and z-Transform analysis of signals and systems. The laboratory component will enable the practical investigation of the concepts introduced in lectures using Matlab.

ECTE222- Power Engineering 1

Pre-requistes: ECTE101 or ECTE170 or ECTE172
Description: The topics covered in this subject include: typical power system loads; basic structure of a power system; electric power generation; single and three phase systems; power system equipment: transformers, switch gear and protection; installation practice: voltage drops, power factor correction, tariffs, safety, earthing, protection equipment rating; power quality: system disturbances, equipment susceptibility, improvement and instrumentation; and introductory power electronics.

ECTE233 - Digital Hardware

Pre-requisite: CSCI191 or ECTE171
Description: Topics covered in this subject include: combinational logic, simplification of logic expressions, Karnaugh maps; sequential logic, flip-flops, registers, clock, timing and synchronisation problems; sequential machines, Mealy and Moore machines, timing diagrams and state tables; and programmable logic array and programmable logic controllers.

ECTE250 - Engineering Design and Management 2

Pre-requisite: ECTE171 or (ECTE150 orMGMT110) and ((MATH188 or MATH162 or MATH142)
Description: This subject consists of a structured team design activity covering the first four phases of a product design cycle. Student teams will undertake the entire project using staff as 'costed' advisors. The team activity will be supplemented by lectures covering such areas as: language and communications; teamwork; and an introduction to key project management design and development activities, including management concepts and tools, to enable engineers to effectively manage the design and development aspects of both a project and its associated activities.

ECTE282 - Internet Systems

Pre-requisite: ECTE182
Description: This subject examines Internet protocols, and technologies. In particular, it will look at encoding methods; link layer technologies such as HDLC; medium access control protocols for wired and wireless networks; routing (OSPF, BGP4); TCP; WWW; integrated and differentiated services; and security algorithms. Laboratory exercises will illustrate the operation of key Internet protocols.

ECTE301- Digital Signal Processing

Pre-requisites: ECTE203 and (MATH283 or MATH201)
Description: In this subject the following topics will be covered: review of discrete-time signals and linear time-invariant systems; digital processing of continuous-time signals; introduction to random signals, correlation and matched filtering; FIR and IIR Digital filters and their analysis in the z- and in frequency domains; the DFT (Discrete Fourier Transform) and its applications; FFT algorithms; FIR and IIR digital filter design and implementation techniques; spectrum analysis and estimation using windows; and practical applications of DSP algorithms.

ECTE323- Power Engineering 2

Pre-requisites: ECTE222 and (MATH201 or MATH283)
Description: In this subject the topics of induction and dc machines; elements of electric motor drives; and power electronics will be covered.

ECTE333- Microcontroller Architecture and Applications

Pre-requisites: ECTE233 and CSCI191
Description: In this subject the following topics will be covered: computer architecture; central processing unit; memory (ROM and RAM); input/output devices; basic computer organisation; binary data and instruction codes; machine and assembly languages - instruction set; direct and indirect addressing; building computer systems from commercially available parts such as micro-processors and micro-controllers; static and dynamic memory; A/D and D/A converters; digital I/O; and serial communication integrated circuits. Students will also be required to become proficient at interfacing a micro-controller with digital hardware and writing programs to control the hardware.

ECTE344- Control Theory

Pre-Requisites: ECTE202 and (MATH283 or MATH201)
Description: Topics covered in this subject include: mathematical modelling of physical systems; signal flow and state space representation of systems; steady state and transient analysis; root locus; frequency response analysis using Nyquist and Bode; design of PID, lag, lead, controllers using Bode and root locus methods; and multiloop control.

ECTE350- Engineering Design and Management 3

Pre-requisites: (ECTE170 or ECTE172) and (ECTE250 or ENGG154) and ECTE233
Description: The aim of this subject is to provide students (in teams) with the opportunity to undertake a significant product development exercise, from target specification through to product launch. The emphasis is on the technical achievements of the team project. Student teams will undertake the entire project using staff as 'costed' advisors. The team activity will be supplemented by lectures covering such areas as an introduction to key implementation activities including: management concepts and tools to enable engineers to effectively manage the critical implementation aspects of projects; social and ethical considerations; psychology/ergonomics; and engineering test methodology.

ECTE363- Communication Systems

Pre-Requisites: ECTE203 and (MATH201 or MATH283)
Description: This subject aims to provide students with an understanding of the basics of modern communications systems. Topics covered include: base-band signalling, including transmission through band-limited channels; and band-pass signalling, incorporating digital modulation techniques.

ECTE364- Data Communications

Pre-Requisites: (CSCI191 or CSCI192) and MATH142
Description: Topics covered in this subject include: basics of data communications and fundamentals of computer networks;

layered protocols; error correction techniques; network types and topologies; local area networks; wide area networks; packet switching; internet and transport protocols; and internet applications.

ECTE399- Professional Experience

Pre-Requisites: None

Description: This subject is a core subject in which students are required to complete, at least, 12 weeks of approved professional experience. This experience must be in an industry relevant to the degree that is being undertaken in order for students to gain exposure to the external industry environment and participate in a hands-on learning experience.

ECTE401 Multimedia Signal Processing

Pre-requisite: ECTE301

Description: The aim of this subject is to extend the digital signal processing knowledge gained in ECTE301 Digital Signal Processing. The contents consist of applying digital signal processing to practical applications including speech, audio, image and video processing.

ECTE412 Power Electronics and Drives

Pre-requisite: (ECTE222 or ECTE324) and (MATH283 or MATH201)

Co-Requisites: ECTE344

Description: The aim of this subject is to provide students with an understanding of power conversion circuits using modern power switching devices and their application to equipment supplies and the control of electric drives. Topics covered include: power switching devices and their application, dc-dc converters, ac-dc converters, including switch-mode power supplies, dc-ac conversion using inverters, methods of pulse width modulation, selection of motors for industrial applications, and the design of closed loop speed control systems for dc and ac motors.

ECTE423 Power System Analysis

Pre-requisite: ECTE323 and (MATH283 or MATH201)

Description: The aim of this subject is to provide students with an understanding of the advanced techniques required for power systems calculations and analysis. Topics covered in this subject include: an introduction to power systems comprising thermal and hydro power stations; transmission lines and distribution systems; computer applications in power systems planning; design, control and operation; review of basic analysis tools; reactive power management; load flow and fault analysis; and transient stability.

ECTE426 Power Distribution Systems

Pre-requisite: (ECTE222 or ECTE324) and (MATH283 or MATH201)

Description: The aim of this subject is to provide students with an understanding of the design concepts and operation of electrical power distribution systems relevant to the electrical utility industry and industrial plants containing large power distribution applications. Topics covered in this subject include: an introduction to distribution system planning and automation; load modelling and calculations; system equipment modelling and selection; protection and insulation coordination; power quality and system load interaction; design of radial systems; voltage control; capacitor applications; earthing and reliability.

ECTE427 Renewable and Embedded Generation

Pre-requisite: ECTE222 or ECTE324

Description: The aim of this subject is to provide students with an understanding of renewable and embedded energy systems and their integration, operation and control. Topics include: fundamentals of renewable power generation; application of renewable energy resources to reduce greenhouse emissions; role of renewable and embedded generation in the electricity market; economics of renewable and embedded generation for demand side integration; renewable energy resources electrical characteristics and grid integration issues; modelling of renewable resources; micro-grids and a.c. and d.c. power electronics interfacing; energy storage; and impact of multiple renewable energy units on electricity networks in regards to control, protection and quality of supply.

ECTE432- Computer Architecture

Pre-Requisites: ECTE233

Description: The aim of this subject is to provide students with the knowledge of current computer architecture and the skill to design and interface an RISC processor. The topics covered include processor data path and control, CPU architecture, performance issues, enhancing performance through pipelining, memory hierarchy, Cache, DMA, Buses and other connections, interfacing I/O devices and I/O performance measurements

ECTE433 Embedded Systems

Pre-requisite: ECTE333

Description: The subject will examine the key properties of software, firmware, and hardware systems in the embedded, resource constrained, mobile, and highly distributed world. It will explore topics, including embedded processors instruction sets, performance and power consumption, the embedded computing platform, program analysis and design, embedded processors and operating systems, hardware accelerators, networks for embedded systems, and systems-on-silicon.

ECTE465 wireless Communication systems

Pre-requisite: MATH283

Description: The aim of this subject is to provide students with an understanding of the systems used in wireless communications. Topics covered include: the regulatory environment; electromagnetism fundamentals; antennas and antenna systems; near earth propagation; the multi-path propagation environment; multi-user communications in wireless systems; medium access control; and mobility management mechanisms. Case studies will also be undertaken.

ECTE469- Queuing Theory and Optimization

Pre-Requisites: ECTE364

Description: There are four main aspects to this subject: (i) Modelling techniques and optimizations, including linear programming and heuristics; (ii) Principles of simulation, including system modelling, performance evaluation, and error sources in simulation; (iii) Markov modelling, including definition of a discrete Markov process and its application in describing random sequence of events in communication systems; and (iv) Introduction to queuing theory, including exponential distribution, Poisson distribution, M/M/1 queues and Little's formula. The practical component of this subject will include design and simulation of a simple communication system using an appropriate simulation package (such as MATLAB/Simulink).

ECTE471 Robotics and Flexible Automation

Pre-requisite: MATH283 OR MATH201

Description: The subject provides the knowledge and skills required to design appropriate robotic systems for flexible automation, including the modelling, analysis, design, and deployment of a robotic manipulator and its associated sensory systems. The contents will consist of: Industrial robots, as a component of automation; mathematical modelling of a robotic arm; direct and inverse kinematics model; direct and inverse dynamic model; trajectory planning; control systems for industrial robots; tactile sensors; force sensors; ultrasound sensors; computer vision; and other sensors.

ECTE482 Network Engineering

Pre-requisite: ECTE364

Description: This subject primarily covers large scale IP networks. In addition to considering architectures and protocols, a key focus will be the development of analytical techniques to assist the design and performance monitoring of these networks. Topics will include: ISP architectures; BGP routing; mobile IP; IP QOS; MPLS; ATM; multimedia applications; peer to peer networking and network management.

ENG011- Academic English

Pre-requisite: None

Description: This subject is designed to help students become familiar with vocabulary and structures that are commonly used in the academic language and enhance their communication ability in tertiary studies. The subject teaches the main language components used in lectures, research and assessments. This course also instructs study skills that are essential to help students improve their academic performance.

ENG012- Academic Reading and Writing

Pre-requisite: ENG011

Description: This subject is designed to help students become familiar with academic language and enhance their reading and writing ability and skills used in tertiary studies. The subject teaches the skills involved in conducting necessary and relevant research, evaluating sources and information and structuring pieces of writing which are the elements necessary for a successful academic life. This course takes learners away from the basics of language development and instructs the use of English writing skills at a higher level. This subject cultivates an understanding of academic practices, discipline and standards. It also fosters study skills which will help students in their overall progression in their studies.

ENGG291 Engineering Fundamentals

Pre-requisite: None
Description: This subject is designed to provide students from disciplines such as Electrical, Telecommunications and Computer Engineering with an introduction to some other Engineering disciplines which have an important role in the design and application of electrical and computer technologies. Three main areas are covered. Heat Transfer- Conduction, convection and radiation heat transfer as applicable to the field of electrical engineering. Engineering Mechanics- Forces, moments and equilibrium states; stress in beams, cylinders and shafts; simple deflection analysis. Materials Engineering- Overview, of engineering materials; bonding and crystal structure in electrical and electronic materials; origin of electrical and electronic properties; structure and properties of electrical and electronic materials; selection of materials for application in electrical engineering.

ENVI030 - Environmental Science

Pre-requisite: None
Description: The rapid and global changes affecting the environment have gained prominence of late. This subject addresses the reasons behind the rising interest in maintaining a healthy environment that can support the diversity of all living beings. The field of environmental science is multi-disciplinary and encompasses natural sciences, engineering sciences and social sciences. Hence, the study of the diversity of factors and their influence, interaction and dynamics on the state of the environment will help us to understand its complexity and increase our awareness of the actions required to preserve our delicate ecosystem, and to minimise the harmful consequences resulting from human and economic growth.

FIN111- Introductory Principles of Finance

Pre-requisite: None
Description: FIN111 introduces fundamental concepts of corporate and personal finance. In doing so, the inter-relationships between finance and financial planning are explored. A theoretical strand contextualises finance and financial planning within their respective regulatory frameworks. A technical strand equips students with fundamental skills to understand the concept of time value of money, as applied to solving cash flow valuation problems within the context of corporate and personal finance. This subject is innovative in its broad and synergistic overview of the financial services industry. In its exploration of ethical issues, this subject supports a socially responsible approach to commerce.

FIN222- Corporate Finance

Pre-requisite: (ACCY102 or ACCY112 and ECON111) or (FIN111 and ACCY112 or ACCY102)
Exclusions: FIN221 or FIN241
Description: This subject provides an introduction to business finance. The subject covers major financial theories, practical tools and analysis used in financial decision-makings, namely investment decision, financing decision and dividend decision, in a corporation. Core topics include financial mathematics, capital budgeting techniques, the relation between risk and return, stock and debt markets, share and bond valuations, cost of capital, capital structure and dividend policy.

FIN223 - Investment Analysis

Pre-requisite: FIN221 or FIN241 or FIN222
Exclusions: ACCY223
Description: This subject deals with security analysis and portfolio management. The subject is both descriptive, dealing with a range of securities and the market they operate in, and theoretical, considering theories of the market and the equilibrium prices of securities. Topics covered include portfolio theory and the capital asset pricing model, portfolio management, company, industry and market analysis, investment strategies and the evaluation of portfolio performance.

FIN226 - Financial Markets and Institutions

Pre-requisite: (ACCY112 or ACCY102 and ECON111) or FIN111
Exclusions: ACCY226
Description: This subject examines the history and development of financial institutions and financial markets in Australia and elsewhere. Topics covered include: the role of the financial system; functions of financial markets; money markets and capital markets; the banking and payments system; financial systems regulation; the operations of the stock exchange; corporate and government debt markets; the euromarket; and, derivative markets.

FIN241 - International Financial Management

Pre-requisite: (ACCY112 or ACCY102 and ECON111) or FIN111

Exclusions: (ACCY241 and ACCY221) or FIN221 (FIN221 exclusion not applicable for BCom IntBus students)*
BCom Finance students are not permitted to take FIN241 as elective

Description: This subject introduces students to the use of financial tools in an international context. The subject covers the basic techniques of finance and these are then related to international financial markets, institutions and practice. Students learn to evaluate the relationship between risk and expected return from international investments and develop an understanding of short and long-term international debt and equity capital markets.

FIN322 - Advanced Corporate Finance

Pre-requisite: FIN222 or FIN241 plus one other 200 or 300 level FIN subject

Exclusions: ACCY322

Description: This subject examines advanced aspects of the financial management of corporate resources with an emphasis on issues in financial planning and strategy. Topics include firm governance and the role of shareholders and stakeholders, the management of corporate debt and equity, mergers and acquisitions, financial distress and restructuring, and financial architecture and strategies. Special attention is given to the increasing complexity of the business environment and departure from the assumptions of an ideal capital markets.

FIN323 - Portfolio Analysis

Pre-requisite: FIN223

Exclusions: ACCY323

Description: This subject undertakes the advanced analysis of investment theory with an emphasis on the integration of derivative use and strategies with other portfolio management skills. Individual topics include, binomial decision theory, trading strategies using complex derivative structures, interest rate futures and swaps, the 'Greeks', futures options, value at risk, credit derivatives, and weather, energy, and insurance derivatives.

FIN324 - Financial Statement Analysis

Pre-requisite: (12 credit points in Finance subjects and ACCY200) or (FIN221 or FIN222 and ACCY200)

Exclusions: ACCY324

Description: This subject introduces the language, concepts and principles of corporate financial information analysis, and critically evaluates financial statements as data sources for business analysis and valuation. A four step business evaluation framework guides extraction of decision useful information from publicly available accounting information sources within the context of business strategies. Analytical principles and techniques are applied to four commonly met areas of business decisions about corporate financial performance and evaluation.

FIN325 - Bank Management

Pre-requisite: (12 credit points in Finance subjects) or FIN222 or FIN241 or FIN226

Exclusions: ACCY325

Description: This subject examines and deals with information on the bank management practices and operation of banks. The subject involves in depth discussions and analysis of bank management issues such as bank lending, banking interest rate models, off-balance sheet activities, operating costs &apm; liquidity risks management and capital adequacy within both the Australian and international banking framework.

FIN351 - International Finance

Pre-requisite: FIN222 or FIN241 plus one other 200 or 300 level FIN subject

Exclusions: ACCY351

Description: This subject analyses financial markets in the international sphere, concentrating on the Australasian region. It explores the concepts and relationships linking international financial markets within the region and the operation of Australian firms in those markets. It covers such issues as the de-regulation of Australian banking and the Eurofinance market, the pricing of foreign exchange, the international financing decision, foreign exchange and interest rate risk management.

FIN353 - Global Electronic Commerce

Pre-requisite: FIN221 or FIN111
Description: Global Electronic Commerce is a subject providing overview of financial developments globally as well as a critical analysis of these developments. The course will develop student's knowledge, understanding and ability to critically analyse developments in the global electronic commerce. Students will be expected to consider and discuss issues related to financial functions and processes, which have been modified to electronic form and the economic basis for these developments. Other issues such as regulation and use of electronic data as information will also be addressed.

IACT201 / ISIT301 - Information Technology and Citizen Rights

Pre-requisite: 24 cp at 100 level
Description: This subject covers the body of ideas and commonly held principles that broadly apply to ethical behaviour in the information technology environment. iact201 will examine the social and ethical implications of information technologies as they apply to citizens and information technology professionals. It will present legal, regulatory, social and ethical perspectives on the use of such technologies through topics of intellectual property, privacy, networking, security, reliability. The inclusion of a professional ethics is to prepare students for careers in the information technology industry. The extent to which technological advancements have altered societal expectations is also examined.

INFO202 - Project

Pre-requisite: CSCI124 and ECTE182
Description: This subject consists of a structured team design activity covering the first four phases of the design cycle for a web-based or IT product. Student teams will undertake the entire project using staff as 'costed' advisors. The team activity will be supplemented by lectures covering such areas as: language and communications; teamwork; an introduction to key project management design and development activities, including management concepts and tools to enable IT professionals to effectively manage the design and development aspects of both a project and its associated activities.

INFO303 - Advanced Project

Pre-requisite: INFO202 and WAM > 70 in level 200 subjects
Description: This subject provides an opportunity for more capable students to do a group multi-disciplinary project in an area related to internet science and technology. It will allow students to learn how to communicate with one another and work in teams, as a collaborative executive in a large internet related project.

ISIT100/BUSS211 - Requirements Determination and System Analysis

Pre-requisite: 6cp 100 level BUSS or CSCI or COMM110
Description: This subject introduces students to information systems analysis and design. The subject content focuses primarily on the requirements determination and modeling phases of the Systems Development Lifecycle (SDLC). Data flow analysis and process descriptions are introduced and the relation to object orientation examined. The student will make use of a Computer Aided Software Engineering (CASE) tool to document solutions to typical problems.

ISIT111 - Programming Concepts

Pre-requisites: None
Description: The broad aim of this subject is to develop in students an understanding of the fundamental principles of programming as well as to develop skills in the design and implementation of well structured algorithms to a range of classical, business computing problems.

ISIT112 - Database

Pre-requisite : 6 credit points of BUSS100-level or CSCI100-level subjects or COMM110
Description: This subject aims to provide a concise and modern treatment of introductory database topics that are useful for information systems professionals. The goal of this subject is to learn the fundamental database concepts including conceptual data modelling, the relational data model and relational algebra and develop skills in the design and manipulation of relational databases using Structured Query Language (SQL). The subject will also briefly introduce advanced database concepts and emerging database technologies.

ISIT114 - Object Oriented Programming

Pre-requisite : BUSS111 or CSCI111 or CSCI114 or ISIT111
Description: The aims of this subject are to consolidate and extend student's knowledge and skills in structured programming and to introduce them to the concepts and practice of object oriented programming. To achieve this aim the subject will provide students with an opportunity to develop further programming skills and good coding style; develop skills in using the object-oriented concepts of inheritance, encapsulation, construction, access control, overloading and messaging; develop and display competency in the design and implementation of object- oriented programs to solve business problems.

ISIT201 - Information and Communication Security

Pre-requisite: 24 CP at 100 level ISIT, CSCI, ECTE subjects
Description: This subject will examine current controls, both legislative and technical, aimed at maintaining data integrity, ease of access to information, and protection of ownership, in the light of on going developments in computer security, multimedia communications, international electronic networks, and electronic publishing. The subject will cover communication security; issues relating to the monitoring of international agreements; OECD guidelines for security of information; maintaining privacy provisions; password security; and future IT developments and their implications for monitoring intellectual property rights and communication security.

ISIT208 - Strategic Systems Management

Pre-requisite : 24cp @100 level ISIT, BUSS, CSCI
Description: Students will be introduced to the processes involved in managing information systems in the contemporary business environment. Students will gain an appreciation of the issues surrounding the strategy and planning of information systems; the strategic, tactical and operational roles of the Chief Information Officer (CIO); the alignment between information systems and business; policy and practice; technology diffusion; operational management; major trends impacting information systems management and how to asses the value of information systems.

ISIT212 - Corporate Network Planning and Design

Pre-requisite : ISIT105 or IACT202
Description: The systematic design of networks includes requirements gathering, requirements analysis, the development of logical design and the conversion of the logical design to a physical design. The use of architectures will provide students with a high level framework that consists of addressing and routing, performance characteristics, security and network management. The subject will teach students to relate this framework to basic data communication techniques developed in previous subjects as well extend their knowledge of addressing and routing and performance characteristics.

ISIT218 - Systems Design and Human Computer Interaction

Pre-requisite : ISIT100 or BUSS211
Description: This subject extends systems analysis and introduces the student to the techniques and technologies of structured systems design and object oriented systems design in the post-analysis stages of the Systems Development Life Cycle. It examines the complementary roles of systems analysts, designers, clients and users in traditional Systems Development Life Cycle and Object Oriented development methods. Process and Object methods and models are extended to cover systems design and implementation. Program design is placed in the context of systems design. The student will make use of a Computer Aided Software Engineering (CASE) tool to document design solutions to typical problems.

ISIT311 - Database Management Systems

Pre-requisite : ISIT112 plus 6 cp of ISIT @200-level OR BUSS212
Description: This subject covers advanced database topics including but not limited to: business intelligence and analytical processing; scorecards and dashboards; data quality and managing data change; data warehousing and data mining; data analysis and data integration; time series data; and the use of data across the Web. Discussion and hands on exercises related to these topics will equip students to meet the challenges in database management and the use and development of advanced database applications. Students will be presented with opportunities to do hands-on work with appropriate commercial tools.

ISIT318 - Information systems Project

Pre-requisite : ISIT100 & ISIT112 & ISIT218 or BUSS211 & BUSS212 & BUSS218
Description: This subject aims to provide students with: practical experience in the principles and techniques of project

management;experience in the design of a real world project involving IS techniques;and practical experience in team work and project management skill development.

LAW101 - Law, Business and Society

Pre-requisite: None

Exclusions: LAW100

Description: Effective participation in the business world and in society in general, requires an understanding of the law and of legal processes. law101 Law, Business and Society introduces students to areas of law most relevant to involvement in the business sector. The consideration of the law focuses on its practical implications for achieving business objectives and preventing legal problems arising. As the major case study, students are expected to gain an understanding that contract law is the basis of commercial law and is thus essential for persons wishing to engage in business. It also aims to provide a knowledge and skills base for those intending to pursue further legal studies.

MARK101 - Marketing Principles

Pre-requisite: None

Description: The subject examines basic marketing concepts to build up a sound understanding. The material assists those who want to be specialist marketers and those interested in undertaking other business or professional studies. What you learn in this subject will be of value to you for the rest of your lives as consumers and as members of the business community.

MARK201 - Applied Marketing Research A

Pre-requisite: MARK101 or MARK213

Description: In an increasingly dynamic environment, failure to engage in marketing research activity leads to disadvantages in the strong competitive market place. Mastering marketing research is necessary for successful marketing. This subject will focus on the practice of marketing research by integrating theory and application. Applied Marketing Research A includes the research process from the problem definition to the fieldwork design. The remaining components are covered in Applied Marketing Research B.

MARK202 - Applied Marketing Research B

Pre-requisite: MARK101 or (MARK213 and MARK201) or MARK319

Description: In an increasingly dynamic environment failure to engage in marketing research activity leads to disadvantages in the strong competitive market place. Mastering marketing research is necessary for successful marketing. This subject will focus on the practice of marketing research by integrating theory and application. Applied Marketing Research B (mark202) continues where Applied Marketing Research A (mark201) ends and encompasses the entire marketing research process starting with the fieldwork phase: organising, supervising and conducting fieldwork, entering data, analysing data, drawing conclusions and reporting the findings.

MARK205 – Introductory Marketing Research

Pre-requisite: MARK101

Description: Marketing research is the function that connects consumers and other relevant stakeholders to marketers through information that supports decision-making. Marketing research assists in the systematic and objective identification of marketing problems and opportunities, designs and implements the method for collecting information, analyses the results, and disseminates the findings and their implications. Failure to engage in marketing research activity leads to disadvantages in the competitive marketplace. Introductory Marketing Research will focus on the practice of marketing research by integrating theory and application. The subject includes the research process from problem definition to communicating the results and exposes the students to introductory qualitative and quantitative data analysis techniques.

MARK217 - Consumer Behaviour

Pre-requisite: MARK101 or MARK213 or MARK293

Description: Consumer Behaviour involves gaining a greater understanding of the consumers as individuals by studying perception, learning and memory, motivation and values, personality, lifestyles, attitudes and attitude change. Additionally the content of this subject focuses upon consumers as decision makers, involving an examination of the entire purchase process. Other areas of interest include household and organisational decision making, and the influence of culture on consumption.

MARK270 - Service Marketing

Pre-requisite: MARK101 or MARK213 or MARK293

Description: This subject covers the practice of marketing of services. Significantly, this incorporates both conceptual and practical issues not always evident in the existing marketing literature covering the marketing of products. As well, the global growth of the service sector has focused attention on the marketing function for organisations serving this sector. This subject is designed to equip practitioners to function effectively in the expanding world of services marketing.

MARK301 - Internet Applications for Marketing

Pre-requisite: MARK101 or MARK213

Description: This subject deals with the issues facing internet users to establish the distinctly different environment in which people operate online. This grounding is then used as a basis to build an understanding of the internet to key applications in marketing such as research, adding value in the areas of product, distribution, pricing and promotion. It is a consumer focussed perspective that most students will be able to relate to from their own experience and therefore suitable for a 2nd or 3rd year undergraduate subject.

MARK333 - Marketing Communications and Advertising

Pre-requisite: MARK101 or MARK213 or MARK293

Description: Marketing communications (marcoms) come in many forms. Examples include, but are far from limited to, mass media advertising, promotions, celebrity endorsements, and after-sales support. This subject aims to develop students' appreciation of the role that marcoms play in the company's marketing efforts as well as how prospective customers process and are influenced by marcoms. The subject has a managerial perspective and by the end of the subject students will be able to both manage and critically evaluate marcoms campaigns.

MARK343 - International Marketing

Pre-requisite: MARK101 or MARK213 or MARK293

Description: The principal aim of the subject is to analyse the global marketing environment and develop appropriate international marketing strategies. The content will include: socio-economic, legal, political, financial and cultural factors affecting international marketing operations; analysing the profiles of selected regional markets and strategic options for entry and expansion in those markets; international marketing research methods and data analysis techniques; international marketing mix decisions; and contemporary issues in multinational marketing.

MARK344 - Marketing Strategy

Pre-requisite: MARK101 PLUS 12 credit points from 200 level MARK subjects, or 6 cp from 200 level MARK subjects and 6 cp from 300 level MARK subjects

Description: This is the 'capstone' unit in the marketing major. As such it is designed to integrate skills and knowledge in a number of other business disciplines. It will draw heavily on the areas of not only marketing theory and market research methods but also economics, finance, managerial accounting and management theory. It is designed to develop analytical skills and diagnostic ability for the proposal, implementation and control of alternative marketing strategies and plans.

MARK395 – Tourism Marketing

Pre-requisite: MARK101

Description: This subject introduces, discusses and analyses issues unique to the marketing of tourism. The focus of this subject is the application and extension of marketing principles and theories in the development of strategic marketing approaches for tourism products. Tourism products include the destination, accommodation and tour operator sectors of the tourism industry at the regional, national and international level. In addition, the subject identifies and discusses contemporary issues in tourism marketing, including the online and database marketing and sustainability/sustainable tourism.

MATH015 - Foundation Mathematics A

Pre-requisite: None

Exclusions: MATH001

Description: The subject is designed for students who are entering degree courses for which a minimal background in mathematics is desirable. It provides a necessary basis for all students progressing to the second year of university degree courses in the business area. This subject is designed to:

1. Provide the student with a revision of the basic concepts of mathematics,
2. Extend on these basic concepts, (iii) enhance manipulative and problem solving skills,
3. Provide ongoing students with the necessary knowledge and skills for Foundation Mathematics B, and
4. Teach content including straight line geometry, quadratics, parabolas, matrices (including finding solutions to simultaneous equations), the exponential and logarithm functions, limits and differentiation, tangents and normals, and curve sketching.

MATH020 - Foundation Mathematics B

Pre-requisite: MATH015
Exclusions: MATH002
Description: This subject is designed to:

1. Consolidate the theory and concepts introduced in math015,
2. Provide the student with mathematical background for further studies of mathematics and mathematics related subjects,
3. Develop skills necessary for using standard tables available to students of Mathematics, and
4. Teach content including trigonometry and related calculus - standard identities, common values of the trigonometric functions, radian measure, arc length, unlimited angles, simple trigonometric equations, graphs of the trigonometric functions, sum of angles, double angles, trigonometric limits, derivatives of trigonometric functions, integrals of trigonometric functions, inverse trigonometric functions, integration using trigonometric substitutions.

MATH121 - Discrete Mathematics

Pre-requisite: None
Exclusions: MATH122
Description: Students will be introduced to the spirit of mathematical inquiry and critical analysis, and encouraged to develop the ability to apply mathematical principles to the formulation and solution of problems. This is done through the use of non-calculus techniques, especially those of logic and number theory. This subject is well suited to computer science students.

MATH141 - Fundamentals of Engineering Mathematics

Pre-requisite: MATH020 or MATH020 challenge test
*Description:*The subject consists of two strands, Differential calculus and Integration:
The differential calculus strand presents analytical differentiation techniques and analysis of functions within that context.
The integral calculus strand covers techniques of integration and explores topics related to definite integrals and finding areas.

MATH142 - Essentials of Engineering Mathematics

Pre-requisite: Either MATH141 or MATH161 or MATH187
Description: The subject consists of two strands, Integral Calculus with applications and Series. The Integral Calculus strand presents a number of analytical and numerical integration techniques plus applications of integration to find areas, volumes of revolution and solve differential equations. The Series strand covers techniques for finding limits, determining the convergence of series and leads into Taylor series. All of these are presented with accompanying examples from various Engineering disciplines.

MATH253 - Linear Algebra

Pre-requisites: MATH188
Description: MATH253 is 2/3 of the subject MATH203. The aim of MATH253 is to build on students' knowledge of matrix algebra and vector analysis, and provide a strong foundation in the mathematics of linear algebra, with an appreciation of the applications that motivate it. The study of systems of linear equations is important not only to mathematicians but also to scientists and engineers. MATH253 will include study of these systems with geometrical interpretations being given. It includes vector spaces, subspaces, linear dependence, basis, dimension and inner product spaces. This will be followed by eigenvalues and eigenvectors and their central role to the diagonalization of matrices. Linear transformations and their basic properties will be discussed.

MATH291 - Differential Equations

Pre-requisite: MATH188
Description: Linear second and higher order differential equations, solution of differential equations by Laplace transform

methods. Fourier series, and some special functions (gamma, beta and error functions) will be introduced, together with an introductory solution method to boundary value problems (separation of variables).

MGMT102 - Business Communications

Pre-requisite: None

Description: This subject introduces the theory and practice of communication in business and in workplaces. It offers knowledge and information on how students can become more effective, culturally sensitive and humane communicators personally and professionally. It examines and discusses the cultural, organisational and personal contexts and processes of communication in groups, meetings, interviews, public speaking, presentations and writing. Other issues discussed include interpersonal skills, understanding non-verbal messages, listening and building relationships in business and workplaces.

MGMT110 - Introduction to Management

Pre-requisite: None

Description: This subject introduces students to key management theories and concepts including organisational culture, social responsibility, ethics, managing groups, motivating employees, planning, managing human resources and employee relations, strategic management, decision-making, managing operations, leadership and management control systems. The subject is designed to provide an opportunity for students to acquire understanding through a series of lectures supported by student participation in simulation activities. The subject is presented from the point of view of managers, but students will learn how the different interests between organisational stakeholders affect various management processes.

MGMT201 - Organisational Behaviour

Pre-requisite: MGMT110

Description: The subject examines aspects of the social and behavioural sciences that are relevant to understanding human behaviour in work organisations. The focus of the subject ranges from the behaviour and activities of individuals and groups in organisational settings, to understanding complex organisations as a whole.

MGMT205 - Recruitment and Selection

Pre-requisite: (MGMT110 and MGMT206) or MGMT398

Description: This subject examines the environment and process of recruitment and selection. Recruitment strategies are described and assessed from the perspective of the organisation and the individual. In particular, a range of personnel selection techniques are examined in relation to reliability, validity, fairness and applicability. Also a range of practical skills in designing personnel selection techniques are developed.

MGMT206 - Managing Human Resources

Pre-requisite: MGMT110

Exclusions: MGMT398

Description: This subject is concerned with the concepts, techniques and activities involved in managing the flow of people through work organisations. Emphasis is placed on understanding the techniques of contemporary HRM that can be applied in organisations to facilitate the acquisition and development of staff, to influence positively their job performance, and to manage the processes of staff turnover and retention.

MGMT215 – Small Business Management

Pre-requisite: MGMT110

Description: Smaller enterprises are becoming increasingly important to the economic well being of many nations. This subject gives students an opportunity to develop an awareness of the role of the small enterprise in the economy and society, and the key factors involved in their management. The subject is oriented at the study of smaller enterprise rather than training the student to start and manage a small firm itself.

MGMT218 - Competitive Analysis

Pre-requisite: ECON111

Description: This subject develops models and techniques for measuring and understanding the complexity of competition. Case studies and empirical analysis are used to show how firms can analyse the industry in which a firm is located, understand its competitors and its own position, and grasp how this might influence its business strategy. Topics include: Structural analysis of

industries; competitor analysis; competitive strategies; development of generic strategies; buyers/suppliers strategy; strategy in different industrial environments; strategy formulation in a multinational competitive environment.

MGMT220 - Organisational Analysis

Pre-requisite: MGMT110

Description: This subject examines different perspectives from which organisations can be analysed. Students are provided with an understanding of the main theoretical frameworks used to explain how organisational members are affected by organisational structures, environments, political processes and cultural aspects of organisations.

MGMT301 - Managing Across Cultures

Pre-requisite: MGMT110 plus 12 cps from 200 or 300 level Management or Marketing subjects

Description: This subject explores the influence of culture on management from an international business perspective. It discusses major theories of culture and their practical application to management issues such as communication, negotiation, decision-making, human resource management, ethics, expatriation and diversity. The subject fosters an understanding of how to manage successfully across cultural boundaries in an international business context.

MGMT309 - Supply Chain Strategies

Pre-requisite: (MGMT110, MGMT257 and ECON121) or COMM121 or STAT131

Description: This subject focuses on supply chain strategies that are customer focused and market driven. It distinguishes between operational or supply-based approaches and strategic approaches to supply chain management, exploring the latter in depth. This subject highlights and provides solutions to the main challenges facing organisations wanting to select design and implement successful supply chain strategies in an increasingly global and competitive environment.

MGMT311 - Management of Change

Pre-requisite: MGMT110

Exclusions: MGMT202

Description: This subject deals with management of change in organisations. Topics include: sources of change, resistance to change, coping with change, organisational values, creation of organisational visions and missions, leading organisational change, models of organisational change, creation and change of organisational cultures. Emphasis is placed on the application of theory to case study examples.

MGMT314 - Strategic Management

Pre-requisite: (MGMT110 and MARK213) or MARK101 plus 72 credit points

Description: The subject deals with the strategic management process and planning functions in the business enterprise. Emphasis will be placed on the process by which opportunities and threats to the business enterprise are recognised and evaluated, and on the strategies required to meet these challenges. Topics include: business mission; customer and competitor analysis; industry analysis; environmental analysis; strategy and organisation; alternative business strategies.

MGMT316 - Operations Management

Pre-requisite: ECON121 or COMM121 or STAT131

Exclusions: MGMT216

Description: The purpose of this subject is to provide the student with a broad understanding of the key issues in modern operations management in both manufacturing and service organisations, and to allow the student to develop some basic skills in the methodologies of operations management. It is an introductory subject designed for undergraduate students with no previous study in operations management. The subject content and assessment components reflect quantitative procedures associated with operations management and also qualitatively explore the relevant strategic, managerial and ethical issues associated with operations management.

MGMT321 – Workplace Health and Safety Management

Pre-requisite: MGMT110 and MGMT206

Description: This subject aims to give students a critical introduction to the broad subject of Occupational Health and Safety Management (OHSM) and to examine in detail some of the specific theoretical and practical issues related to the topic. Under the broad rubric of OHSM, there are a number of competing perspectives, views and voices. This subject will not privilege one model

over another. Rather, it will present some of these competing views in a manner that will require individual students to exercise their critical faculties and develop their own, theoretically informed approach to the practical management of OH&S.

MGMT322 - Training and Development

Pre-requisite: MGMT110 or MGMT398 or MGMT206

Description: This subject provides students with an understanding of key concepts and practical approaches to the development of people in organisations. Topics include: theories and models of learning; job analysis; identification of training needs; training delivery forms and their selection; skills development and training; multi-skilling and flexibility; management development; succession planning; national and international frameworks of training; organisational learning and the learning organisation; organisational development; evaluation of training and development.

MGMT341 - International and Comparative Human Resource Management

Pre-requisite: mgmt110 plus 12 cps from Faculty of Commerce 200 or 300 level subjects

Exclusions: ECON340 and COMM341

Description: This subject focuses on the management of people in multinational firms. Main topics include: differences between domestic and international human resource management (HRM) and firm-level adjustments as firms go international; managing and supporting staff on international assignments (recruitment and selection, training and development, compensation and re-entry and career issues); global HRM issues, including industrial relations, performance management, and future issues; the HRM and industrial environment in a selection of countries.

MGMT350 - Continuous Quality Improvement

Pre-requisite: (MGMT110 and ECON121) or COMM121 or STAT131

Description: The purpose of this subject is to provide the student with an introduction to the principles and tools associated with the management philosophy and technique called 'Quality Management'. It is an introductory subject designed for undergraduate students with no previous study in this field. The subject engages both qualitative and quantitative approaches to help students to identify, analyse and understand the impacts of quality management systems in any organisation.

MGMT351 – Responsible Leadership

Pre-requisite: MGMT110 and MGMT201

Description: This core subject in the management major examines different approaches to leadership including ethical leadership, and addresses current issues relating to leadership such as sustainability and human rights through leaders' influences on shareholders, employees, communities and society. Students will engage in experiential learning activities, case studies and analysis, scenario based problem-solving activities, highly interactive lectures and extensive classroom discussions. By engaging in these activities, students are expected to develop responsible leadership skills in order to apply them effectively in their personal and professional lives.

MGMT389 - International Business Management

Pre-requisite: (MGMT110 and MARK213) or MARK101

Description: This subject deals with the international business environment and the key issues involved in operating in international and global markets. The international and global business environment, entry modes, global strategies, functional strategies and the management and control of international/global operations are covered. On completion of this subject, students will have an understanding of international business and be able to apply key concepts in analysing and developing international business strategies.

PHYS030 - Introduction to Physics

Pre-requisite: None

Exclusions: ENVI030

Description: This is an introductory foundation Physics subject in the bachelor degree program for engineering. The subject is designed for students who are entering degree program for which a background in physics and mathematics is essential. It prepares and promotes students interest for university physics and engineering subjects. It provides a necessary basis for all students progressing to the first year of university degree subjects in the engineering major. Furthermore, it serves as a pre-requisite subject for students requiring necessary physics skills.

PHYS141- Fundamentals of Physics A

Pre-requisite: PHYS030 or PHYS030 challenge test

Description: This subject will cover fundamentals of Physics. The information and techniques learnt are widely applicable in all fields of science, including electrical engineering, computer engineering and telecommunications engineering. The basic understanding of the mechanics and physics of various events that touch our lives will continue to be of benefit to our global society and the numerous challenges we face in order to sustain and improve peoples' quality of life. The subject will be supported by laboratory assignments.

PHYS142 - Fundamentals of Physics B

Pre-requisite:None

Description: Vectors and their applications; an introduction to the physical laws of electricity and magnetism, leading to an explanation of the generation of electromagnetic waves and some basic ideas in communication theory. Electric charge and Coulomb's law, electric fields, potential differences, capacitance, dielectrics and relative permittivity, electric current, resistance, Ohm's 'law', superconductivity, DC circuits and Kirchhoffs laws, magnetic fields and forces, electromagnetic waves and the EM spectrum, carrier waves, modulation and bandwidth. Waves; reflection and refraction; interference; diffraction; polarization; optical instruments; quantum physics; waves and particles; atomic physics; the Bohr atom.

PSYC015 - Introduction to Psychology

Pre-requisite: None

Description: This subject concentrates on the literary skills critical to university success. The subject content is largely focused on developing research skills, analysing and presenting data, and writing university level reports. Students will also engage in an original primary research project which will culminate in a formal oral presentation. This subject gives students the necessary skills needed to engage in independent research and produce quality written and oral academic presentations. The subject is designed to ensure students_ academic success by helping them to become independent learners. A key element in this endeavour is willingness on the part of the students to take responsibility for their own learning and to strive consistently to improve their work. Students are expected to keep up to date with news and current affairs by regularly reading reputable English language newspapers and magazines as well as watching news and current affairs programs on television.

STAT015 - Introduction to Statistics

Pre-requisite: None

Exclusions: STAT001

Description: The aim of the subject is to provide students the statistical tools necessary for analysing data for taking business decisions. This subject provides an introduction to the study of statistics. The emphasis is on ideas and reasoning and their relevance to public policy and to the human sciences from medicine to sociology. Students should be able to learn to think about data by working with data.

STAT131 - Understanding Variation and Uncertainty

Pre-requisite: STAT015

Exclusions: COMM121

Description: Variation and uncertainty occur in most aspects of life. Topics covered include Displaying variation and summarising data; Statistical computing and report writing; Probability Models: Markov Chains, binomial, Poisson; Modelling Uncertainty: Normal and other continuous distributions; Sampling Distributions - Central Limit Theorem; Inference - Point and Interval Estimation, Hypothesis Testing.

STAT291- Engineering Statistics

Pre-Requisites: MATH142 or MATH188 or MATH162

Description: (Part of MATH283) In this topic, methods of collecting and summarising data are discussed. Statistical inference methods concerning population means, proportions and variances are given. Linear and multiple regression methods are used to develop mathematical relationships among variables and to predict variables of interest. Some basic advantages of using experimental planning are discussed. Latin square and randomised block experimental designs are discussed. Students will be introduced to a major statistical package.

6. SUBJECTS ON OFFER

Subject Code	Subject Title	Autumn	Spring
ACCY111	Accounting Fundamentals in Society	✓	✓
ACCY112	Accounting in Organizations	✓	✓
ACCY200	Financial Accounting II A	✓	
ACCY201	Financial Accounting II B		✓
ACCY211	Management Accounting II	✓	
ACCY231	Information systems in Accounting		✓
ACCY305	Financial Accounting III		✓
ACCY312	Management Accounting III	✓	
ACCY328	International Taxation		✓
ACCY342	Auditing & Assurance Services	✓	
ARTS017	Islamic Culture	✓	✓
ARTS035	Introduction to Philosophy	✓	✓
COMM101	Principles of Responsible Commerce	✓	✓
COMM110	Introduction to Business Information Systems	✓	✓
COMM113	Business Oriented Information	✓	✓
COMM121	Quantitative Methods 1	✓	✓
COMM334	Intercultural Applications for Socially Innovative Business	✓	✓
COMM351	Business Ethics & Governance	✓	✓
CSCI015	Computer Applications	✓	✓
CSCI102 / ISIT102	Systems	✓	✓
CSCI103	Algorithms and Problem Solving	✓	✓
CSCI114	Procedural Programming	✓	✓
CSCI124	Applied Programming	✓	✓
CSCI131	Introduction to Computer Systems	✓	
CSCI191	Engineering Programming 1	✓	
CSCI192	Engineering Programming 2		✓
CSCI203	Algorithms and Data Structures		✓
CSCI204	Object and Generic Programming in C++	✓	
CSCI205	Software Development Methods and Tools	✓	
CSCI212	Interacting Systems	✓	
CSCI213	Java Programming and Applications	TBA	TBA
CSCI222	Systems Development		✓
CSCI235	Databases	✓	TBA
CSCI236	3D Modelling and Animation	✓	
CSCI262	Systems Security	✓	TBA
CSCI311	Software Process Management	✓	
CSCI315	Database Design and Implementation	TBA	TBA

Subject Code	Subject Title	Autumn	Spring
CSCI319	Distributed systems		TBA
CSCI321	Project	✓	✓
CSCI323	Artificial Intelligence		TBA
CSCI224/CSCI324	Human Computer Interface	✓	
CSCI336	Computer Graphics		TBA
CSCI346	Game development		TBA
CSCI350	Internship (*Only Summer semester*)		
CSCI356	Game engine fundamentals		TBA
CSCI358	Security Engineering	TBA	TBA
CSCI361	Cryptography mad Secure Applications		✓
CSCI366	Multimedia Computing	TBA	TBA
CSCI368	Network Security	✓	
CSCI370	Special Topics in Computer Science A	TBA	TBA
CSCI371	Special Topics in Computer Security		✓
CSCI399	Server Technology	✓	
ECON101	Macroeconomic Essentials for Business	✓	✓
ECON111	Introductory Microeconomics	✓	✓
ECON216	International Trade Theory & Policy	✓	✓
ECON240	Financial Modeling	✓	
ECON332	Managerial Economics & Operations Research		✓
ECTE171	Introduction to Electrical Engineering systems	✓	
ECTE172	Introduction to Circuits and Devices	✓	
ECTE182	Internet Technology I	✓	
ECTE202	Circuits and Systems		✓
ECTE203	Signals and Systems	✓	
ECTE212	Electronics		✓
ECTE222	Power Engineering 1		✓
ECTE233	Digital Hardware 1	✓	
ECTE250	Engineering Design and Management 2	✓	
ECTE282	Internet Systems		TBA
ECTE301	Digital Signal Processing	✓	
ECTE323	Power Engineering 2	TBA	TBA
ECTE333	Digital Hardware 2	✓	
ECTE344	Control Theory		✓
ECTE350	Engineering Design and Management 3	✓	
ECTE401	Multimedia Signal Processing	✓	
ECTE412	Power Electronics and Drives		✓
ECTE423	Power System Analysis	✓	
ECTE426	Power Distribution Systems		✓

Subject Code	Subject Title	Autumn	Spring
ECTE432	Computer Architecture		✓
ECTE433	Embedded Systems	✓	
ECTE457	Thesis (18 cp)	✓	
ECTE363	Communications Systems		✓
ECTE364	Data Communications	✓	
ECTE399	Professional Experience (*Summer semester*)		
ECTE465	Wireless Communication systems		✓
ECTE469	Queuing Theory and Optimization		✓
ECTE471	Robotics and Flexible Automation		✓
ECTE482	Network Engineering	✓	
ENG011	Academic English	✓	✓
ENG012	Academic Reading & Writing	✓	✓
ENGG291	Engineering Fundamentals		✓
ENVI030	Environmental Science	✓	✓
FIN111	Introductory Principles of Finance	✓	✓
FIN222	Corporate Finance	✓	
FIN223	Investment Analysis		✓ +
FIN226	Financial Markets & Institutions		✓ +
FIN241	International Financial Management	✓	
FIN322	Advanced Corporate Finance		✓
FIN323	Portfolio Analysis		✓
FIN324	Financial Statement Analysis	✓	
FIN325	Bank Management		✓
FIN351	International Finance	✓ +	
FIN353	Global Electronic Commerce		✓
IACT201 / ISIT201	Information Technology and Citizens' Rights	✓	✓
INFO202	Project		TBA
INFO303	Advanced Project	TBA	TBA
ISIT100	Requirements Determination and System Analysis	✓	
ISIT102	Information Systems	✓	
ISIT105	Structure and Organisation of Telecommunications		✓
ISIT111	Business Programming I	✓	
ISIT112	Database Management Systems	✓	
ISIT114	Business Programming 2		✓
ISIT201	Information and Communication Security		✓
ISIT204	Principles of e-Business	✓	
ISIT207	Web Programming	TBA	TBA
ISIT208	Computer Systems Management	✓	
ISIT218	Systems Design and Architecture		✓

Subject Code	Subject Title	Autumn	Spring
ISIT311	Advanced Databases Management Systems		✓
ISIT318	Information Systems Project (12 cp)	✓	
LAW101	Law, Business & Society	✓	✓
MARK101	Marketing Principles	✓	✓
MARK201	Applied Marketing Research A	TBA	
MARK202	Applied Marketing Research B		✓
MARK205	Introductory Marketing Research	✓	
MARK217	Consumer Behaviour		✓
MARK270	Services Marketing	✓	
MARK301	Internet Applications for Marketing	✓	
MARK333	Marketing Communications & Advertising		✓
MARK343	International Marketing	✓	
MARK344	Marketing Strategy		✓
MARK395	Tourism Marketing		✓
MATH015	Foundation Mathematics A	✓	✓
MATH020	Foundation Mathematics B	✓	✓
MATH121	Discrete Mathematics	✓	✓
MATH141	Fundamentals of engineering mathematics	✓	
MATH142	Fundamentals of engineering mathematics		✓
MATH253	Linear Algebra		✓
MATH291	Diff. Equations	✓	
MGMT102	Business Communications	✓	✓
MGMT110	Introduction to Management	✓	✓
MGMT201	Organizational Behaviour		✓
MGMT205	Recruitment & Selection	✓	
MGMT206	Managing Human Resources		✓
MGMT215	Small Business Management	✓	
MGMT218	Competitive Analysis	✓	
MGMT220	Organizational Analysis		✓
MGMT301	Managing Across Cultures	TBA	TBA
MGMT309	Supply Chain Strategies		✓
MGMT311	Management of Change	✓	
MGMT314	Strategic Management		✓
MGMT316	Operations Management	✓	
MGMT321	Occupational Health & Safety Management	✓	
MGMT322	Training and Development	✓	
MGMT341	International & Comparative HR Management	TBA	TBA
MGMT350	Continuous Quality Improvement		✓
MGMT351	Responsible Leadership	✓	

Subject Code	Subject Title	Autumn	Spring
MGMT389	International Bus. Management	✓	
PHSY030	Introduction to Physics	✓	TBA
PHYS141	Fundamentals of Physics A	✓	
PHYS142	Fundamentals of Physics A		✓
PSYC015	Introduction to Psychology	✓	✓
STAT015	Introduction to Statistics	✓	✓
STAT131	Understanding Variation and Uncertainty	✓	✓
STAT291	Engineering Statistics	✓	

+ Effective year 2015 FIN223 & FIN226 will be offered in Spring semesters instead of Autumn semesters.

+ Effective year 2015 FIN351 will be offered in Autumn semesters instead of Spring semesters

If this switch in semesters for FIN223, FIN226 & FIN351 causes a delay in graduation for students who commenced their studies before Summer 2013, then they are requested to contact their Program Directors IMMEDIATELY.

The Semester subject offer list mentioned above is subject to change

The list of Summer subjects will be released approx. one month before the semester commences.

Please note that Summer is an optional semester and only a limited number of subjects will be offered.

The University has no obligation to offer a subject to meet the requirements of an individual student.

The University reserves the right to withdraw a lecture class due to insufficient student enrolment.

7. DEGREE PLAN

SESSION:	
Subject Code	Core/Elective

SESSION:	
Subject Code	Core/Elective

SESSION:	
Subject Code	Core/Elective

SESSION:	
Subject Code	Core/Elective

SESSION:	
Subject Code	Core/Elective

SESSION:	
Subject Code	Core/Elective

SESSION:	
Subject Code	Core/Elective

SESSION:	
Subject Code	Core/Elective

Students can enrol in a maximum of five subjects in Autumn and Springs session through SOLS.
To enrol in additional subjects, students require permission from the Dean.

SPRING SESSION 2015 - SUBJECT TIMETABLE

	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday
8.30 – 9.30						
9.30 – 10.30						
10.30 – 11.30						
11.30 – 12.30						
12.30 – 1.30					SASS	
1.30 – 2.30					Workshop	
2.30 – 3.30						
3.30 – 4.30						
4.30 – 5.30						
5:30 – 8:30						

Check the SASS website for details of SASS workshops (www.uowdubai.ac.ae/sass) and the research website for research seminar information (www.uowdubai.ac.ae/research)

DUE DATES FOR ASSESSMENTS

Use the space provided below to record the due dates of all your assignments and tests. Refer to your subject outline for full details about your assessments.

Week	Subject	Assessment	%	Due Date
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				

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SUMMER SESSION 2015 - SUBJECT TIMETABLE

	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday
8.30 – 9.30						
9.30 – 10.30						
10.30 – 11.30						
11.30 – 12.30						
12.30 – 1.30					SASS Workshop	
1.30 – 2.30						
2.30 – 3.30						
3.30 – 4.30						
4.30 – 5.30						
5:30 – 8:30						

Check the SASS website for details of SASS workshops (www.uowdubai.ac.ae/sass) and the research website for research seminar information (www.uowdubai.ac.ae/research)

DUE DATES FOR ASSESSMENTS

Use the space provided below to record the due dates of all your assignments and tests. Refer to your subject outline for full details about your assessments.

Week	Subject	Assessment	%	Due Date
2				
3				
4				
5				
6				

AUTUMN SESSION 2015 - SUBJECT TIMETABLE

	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday
8.30 – 9.30						
9.30 – 10.30						
10.30 – 11.30						
11.30 – 12.30						
12.30 – 1.30					SASS	
1.30 – 2.30					Workshop	
2.30 – 3.30						
3.30 – 4.30						
4.30 – 5.30						
5:30 – 8:30						

Check the SASS website for details of SASS workshops (www.uowdubai.ac.ae/sass) and the research website for research seminar information (www.uowdubai.ac.ae/research)

DUE DATES FOR ASSESSMENTS

Use the space provided below to record the due dates of all your assignments and tests. Refer to your subject outline for full details about your assessments.

Week	Subject	Assessment	%	Due Date
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				

FINAL EXAM TIMETABLES

The Final Exam Timetable is printed with the subject timetable and is available on the students website (my.uowdubai.ac.ae) under the "Timetables" link. The timetable is subject to change and students are advised to check the MyUOWD website for the latest version.

SPRING SESSION 2015

Subject	Exam Date	Exam Time	Exam Location

SUMMER SESSION 2015

Subject	Exam Date	Exam Time	Exam Location

AUTUMN SESSION 2015

Subject	Exam Date	Exam Time	Exam Location

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NOTES

The University of Wollongong in Dubai attempts to ensure the information contained in this publication is correct at the time of production (Spring 2015); however, sections may be amended without notice by the University in response to changing circumstances or for any other reason. Check with the University or visit the University's website for any updated information.