الجامعة الكندية دبي
CANADIAN UNIVERSITY DUBAI

CANADIAN
UNIVERSITY DUBAI
Your portal to Canadian education

University Catalogue
Academic Year (2023 - 24)

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Canadian University Dubai communicates with its students through their university email address. Please ensure that you check your university email address for updates and notifications sent to you.

The contents of this catalogue are subject to change from time to time at the sole discretion of the University, and on occasion updated information may be distributed regarding policy and regulation changes

Message from the Chancellor & President

Mr. Buti Saeed Al-Ghandi
Chancellor

Professor Karim Chelli
Vice Chancellor and President

We are delighted to be able to introduce Canadian University Dubai to you.

Education is a continuous and lifelong journey, and we know that the road to university can be a challenging one. Here at Canadian University Dubai, you will experience an education delivered to the highest international standards; a Canadian education based on international standards and expressed through a demonstration of clear learning outcomes. Our Canadian education system celebrates commitment, cooperation, participation and diversity.

As a reflection of the international city of Dubai, we celebrate a very diverse learning environment with our student body of over 100 nationalities. We strive for excellence by providing our students with cultural experiences and competencies that inspire minds and transform lives by opening new and incredible paths. We prepare you to be the global citizens of tomorrow.

On behalf of our Board of Trustees and the University Faculty, Administration & Support Staff, we wish you a very successful, well rounded and happy journey through to the achievement of your academic and personal goals here at Canadian University Dubai.

رسالة من رئيس مجلس الأمناء ورئيس الجامعة

السيد بطي سعيد الكندي
رئيس مجلس الأمناء

البروفيسور كريم شلّي
مدير الجامعة ونائب رئيس الجامعة.

إنه لمن دواعي سرورنا البالغ تعريفكم بالجامعة الكندية - دبي.

إن التعليم هو رحلة شيّقة ومستمرة مدى الحياة، ومن المعلوم أن الطريق إلى الجامعة قد يشكل تحدياً لا يستهان به، وفي الجامعة الكندية دبي، سيكون تعليمك مبنياً على أعلى المعايير الدولية، وعلى تعليم كندي عاليَ الجودة، من سماته إنتاج مخرجات تعليمية واضحة، حيث إن التعليم الكندي يتصف بالالتزام والتعاون والمشاركة والتنوع.

وقد تمّ تأسيس علاقات وشراكات علمية بين الجامعة الكندية دبي وأبرز الجامعات العلمية الكندية، مما يخوّل الطالب متابعة دراسته في تلك الجامعات، ولذلك فإن الجامعة الكندية دبي تهيب بالطالب أن يستثمر هذه الشراكات العلمية لصالحه ومستقبله.

وبما أن دبي هي المدينة العالمية التي تميّزت باحتضان أناسٍ من معظم جنسيات العالم، فإن الجامعة الكندية دبي تفتخر بتنوع بيئتها التعليمية، حيث وفد إليها الطلاب من أكثر من تسعين جنسية، يشتركون في الاستفادة من التميّز والرقي، من خلال ما توفره الجامعة لهم من المهارات العلمية والمعرفية، *والخبرات الثقافية*، التي تلهم العقول وتغيّر من حياة الطلبة، فاتحةً أمامهم آفاقاً جديدة وهائلة، لأن الجامعة الكندية دبي ستقوم بإعدادك وتهيئتك لتكون مواطن العالم للمستقبل.

نيابة عن مجلس أمناء الجامعة وأعضاء هيئة التدريس وإدارة الجامعة وجميع موظفيها، نتمنى لكم رحلة ناجحة ومثمرة غنية بالعلم والمعرفة والثقافة، في طريقكم إلى تحقيق الأهداف الأكاديمية والشخصية الطامحين للوصول لها هنا في الجامعة الكندية دبي.

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Welcome to Canadian University Dubai

Canadian University Dubai (CUD) was established in 2006 in order to deliver a high-quality tertiary education in the UAE and provide a gateway for students to pursue higher education opportunities in Canada.

Canadian University Dubai is located in the heart of downtown Dubai and all of our academic programs are based on Canadian curriculum and education principles. This gives students the opportunity to obtain a Canadian education while experiencing the unique culture and values of the United Arab Emirates. With over 100 different nationalities calling our University home our diverse student community builds bridges across cultures and continents.

Our goal is to move each student forward as a well-rounded lifelong learner and good global citizen. To achieve this, emphasis is placed not just on academic achievement but on extracurricular involvement. Our vibrant student life has something for everybody, from sports to concerts, and the opportunity for international trips. Students are also involved in many different types of social activities, including community fundraising, team building, and networking events.

Founding Partners

- Emirates Investment and Development
- Al Sheikha Sheikha Saeed Al Maktoum
- Mohamed Ibrahim Obaidalla
- Jamal Al Ghurair Est
- Khalifa Juma Al Nabooda
- Ghubash Trading & Investment Co. Ltd
- Investment Group (PVT) Ltd
- First Investor (L.L.C)
- Abdulla Ahmad Bin Abdul Aziz
- Hamad Ahmad Bin Suqat
- Saleh Mohamed Bin Lahej
- Ahmed Saif Belhasa
- Rashed Humaid Al Mazroei
- Mohammed Omar Bin Haider
- Oman Insurance Company (PSC)

Institution Licensure and Program Accreditation

Canadian University Dubai located in the Emirate of Dubai, was officially licensed from 1st of August, 2006 by the Commission for Academic Accreditation (CAA) – Ministry of Education, United Arab Emirates (UAE), to award degrees/qualifications in higher education. All of our programs are accredited by the Commission for Academic Accreditation (CAA) – Ministry of Education, UAE.

Why Choose Canadian University Dubai?

There are many reasons to choose Canadian University Dubai for your undergraduate or Masters studies, but let us tell you the top ten reasons to study with us:

1. Canadian-Based Curriculum

We offer an education based on the Canadian curriculum, giving us internationally recognized quality and credibility.

2. Option To Graduate In Canada

As a portal to Canadian higher education, you can start your degree at CUD then complete your studies and graduate from one of our partner institutions in Canada.

3. UAE Accreditation

All of our programs are accredited by the Commission for Academic Accreditation (CAA) – Ministry of Education, UAE.

4. International Faculty

Our international faculty is highly qualified and inspirational in their field, bringing innovative teaching styles and philosophies from across the globe.

5. Graduate Employability

With an education based on the Canadian principle of prescribed learning outcomes, CUD graduates are highly employable in the international jobs market.

6. Flexible Learning

We offer flexible program schedules – evening and weekend classes are available for both undergraduate and Masters programs.

7. Business-District Location

We have a convenient downtown location in the heart of Dubai's business district, with state of the art academic and recreational facilities.

8. Student-Centered Approach

CUD is a student-centered university, where we value student success above all else.

9. Research Opportunities

Our Research Centre provides students with the opportunity to be involved in cutting edge research internationally and in the UAE.

10. Multicultural Student Community

We have a truly multicultural learning environment, with students from over 100 nationalities.

1 Vision, Mission and Core Values

1.1 Vision

Canadian University Dubai is committed to providing students with an international academic experience, guided by the highest educational and corporate ethics, adding value to the personal and professional lives of its graduates, and the communities in which we serve.

1.2 Mission

Canadian University Dubai promotes Canadian perspectives in learning, research and application, grounded in an appreciation and respect for the diverse culture and values of the UAE.

1.3 Goals and Objectives

Goal 1: To create and maintain an environment conducive to continual learning and improvement, while continuously evaluating all aspects of CUD operations to ensure relevance, excellence and growth.

Objectives:

1.1. To provide opportunities for students to enhance their classroom experience through the use of multi-media and online resources.

1.2. Through the Office of Institutional Research and Planning, continuously evaluating our performance as a teaching and research organization, for the satisfaction of students, staff, and all external stakeholders.

1.3. To use systematic evidenced-based planning for the development of the University, both operationally and strategically.

1.4. To continue to grow the base of programs and student numbers, to fulfil the mission and deliver the Strategic Plan of the University.

Goal 2: To encourage the enthusiasm and celebrate the contribution of staff and students, and to support the ambitions of all, by providing them with academic excellence and the empirical experience required for career success.

Objectives:

2.1. To deliver excellence in teaching, measured by student evaluation and the applicable external entities.

2.2. To provide opportunities for student job placements, projects, and internship.

2.3. To engage government and private sectors, and non-profit organizations, within the region, in the University initiatives for the advancement of all involved.

2.4. To provide opportunities of professional development for faculty and staff to enhance their knowledge, skills, and aptitude for their career progression.

Goal 3: To generate an atmosphere with the established international ethical freedom of teaching and research, while fostering scholarly debate and mutual respect.

Objectives:

3.1. To develop a focused Research Center, which conducts research and engages students and faculty in the pursuit of scholarly activity.

3.2. To hold periodic open and public lectures to encourage debate grounded in academic rigor on issues of concern.

3.3. To develop, with students and staff, a code of conduct that is honored and respected.

Goal 4: To hold accountability and value the input of all stakeholders in developing and maintaining CUD's portal to Canadian education, making CUD a University of Choice and an Employer of Choice.

Objectives:

4.1. To have a clear strategy for collaboration and co-operation with Canadian post-secondary educational institutions and to develop collaborative agreements, to be a coast-to-coast Canadian portal to education.

4.2. To systematically collect data from stakeholders, internal and external, concerning the performance of the University, its strategic brand position and its opportunities for growth.

Goal 5: To account for the needs of all internal and external stakeholders, by securing sufficient and relevant resources, for the achievement of the goals and operational objectives.

Objectives:

5.1. To undertake systematic resource planning for the university operations, to fulfill CUD's mission and vision.

5.2. To maintain our status as a self-funded institution, while using new investments for expansion and development.

1.4 Core Values (PRIDE)

CUD has adopted a set of core values that aim at supporting the Vision and the Mission of the University. These core values are termed as "PRIDE" which are the fundamental elements that drive CUD organizational culture and operations.

P **People:** *"People are our Greatest Asset" recognizes the essential importance of people: students, faculty, and support staff, and their contribution to the success of our mission. We strive to ensure the CUD community embraces our values in their day-to-day interactions.*

R **Respect**: *We value all individuals and strive to maintain an environment built on mutual trust, openness and personal dignity.*

I **Integrity**: *We are committed to creating an academic environment built on honesty, abiding by all legal and ethical standards, thereby earning and maintaining the trust and respect of our stakeholders and community.*

D **Diversity**: *We strive to build a community that celebrates diversity, strengthening the educational environment, and preparing our students and employees to be global citizens.*

E **Excellence**: *We are committed to achieving high academic standards and professional services. We strive to support personal growth and intellectual advancement of our students and employees.*

2 Academic Calendars

2.1 Undergraduate Students Academic Calendar

FALL (2023-24)			
May	29	2023	Pre-Registration Open for Fall
August	14	2023	Faculty resume work
August	22	2023	Registration and Advising Week
August	21	2023	New Student Orientation
August	28	2023	First Day of Classes / First day of Late Registration Penalty
September	4	2023	First Day of 50% **drop course penalty** - No new courses can be added
September	11	2023	First Day of **100% course drop penalty**
September	18	2023	First day of WN grade
October	30	2023	Pre-Registration Open for Spring Semester
November	05	2023	Last day of Course Withdrawal (WN grade)
December	1	2023	Commemoration Day
December	2-3	2023	National Day
December	9	2023	Exam Begin
December	18	2023	Fall Break Commences
Spring (2023-24)			
January	3	2024	Registration and Advising Week
January	4	2024	New Student Orientation
January	8	2024	First Day of Classes / First day of Late Registration Penalty
January	15	2024	First Day of 50% **drop course penalty** - No new courses can be added
January	22	2024	First Day of **100% course drop penalty**
January	29	2024	First day of WN grade
March	5	2024	Pre-Registration Open for Summer 1
March	18	2024	Last day of Course Withdrawal (WN grade)
March	25	2024	Spring Break Commences
April	1	2024	Classes Resume
April	27	2024	Exams Begin
May	5	2024	End of Semester
Summer 1 (2023-24)			
May	6-12	2024	Registration and Advising Week
May	13	2024	First Day of Classes & First day of Late Registration Penalty
May	20	2024	First Day of 100% penalty - First day of WN grade
June	09	2024	Last day of WN grade
June	09	2024	Pre-Registration Open for Summer 2
June	24	2024	Exams Begin
June	26	2024	End of Summer 1 Session
Summer 2 (2023-24)			
June	24-30	2024	Registration and Advising Week
July	01	2024	First Day of Classes & First day of Late Registration Penalty
July	08	2024	First Day of 100% penalty - First day of WN grade
July	28	2024	Last day of WN grade
Aug	10	2024	Exams Begin
Aug	12	2024	End of Summer Session

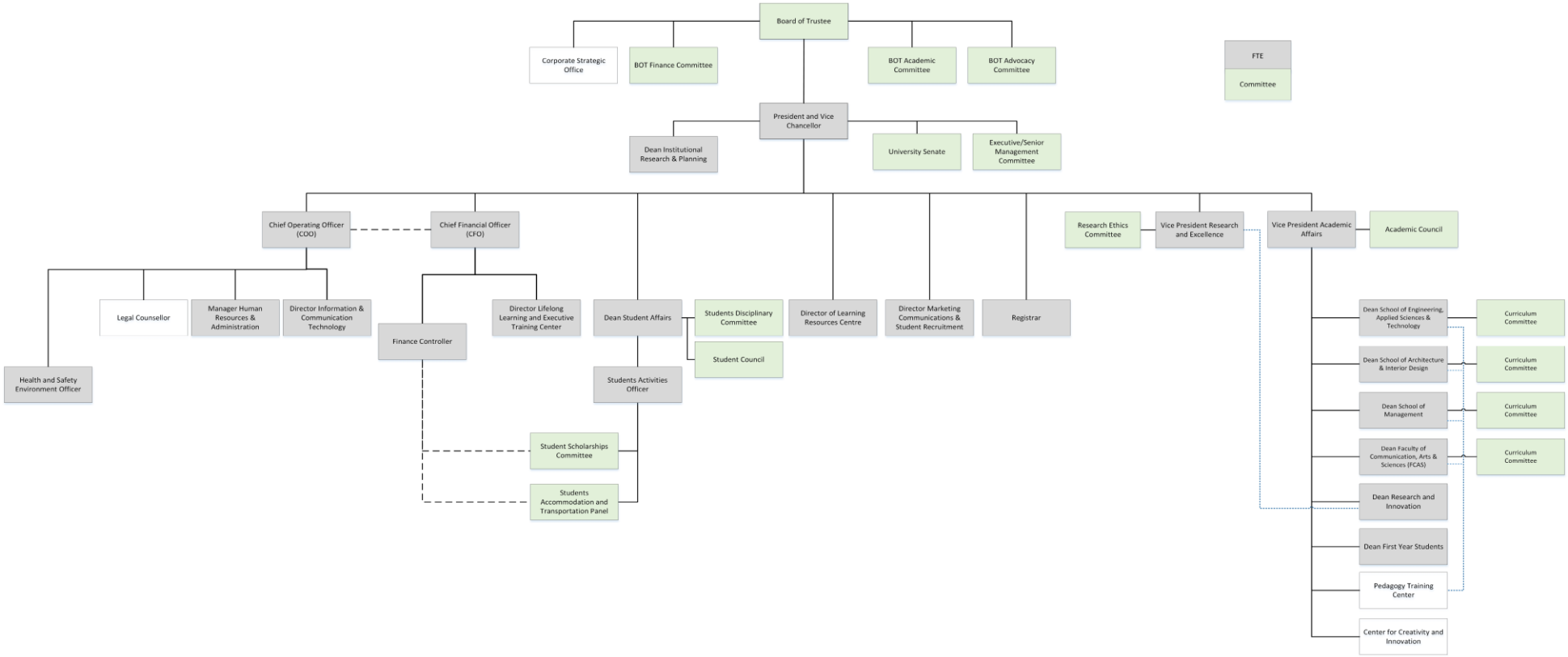
All Islamic Lunar Holidays for the private sector will be fixed per the announcement by the relevant Ministry
Always refer to www.cud.ac.ae for the latest Academic Calendar, as some dates are subject to change
*** Ramadan lecture timing is from 09:00 am to 05:00 pm.***

2.2 Masters Students Academic Calendar

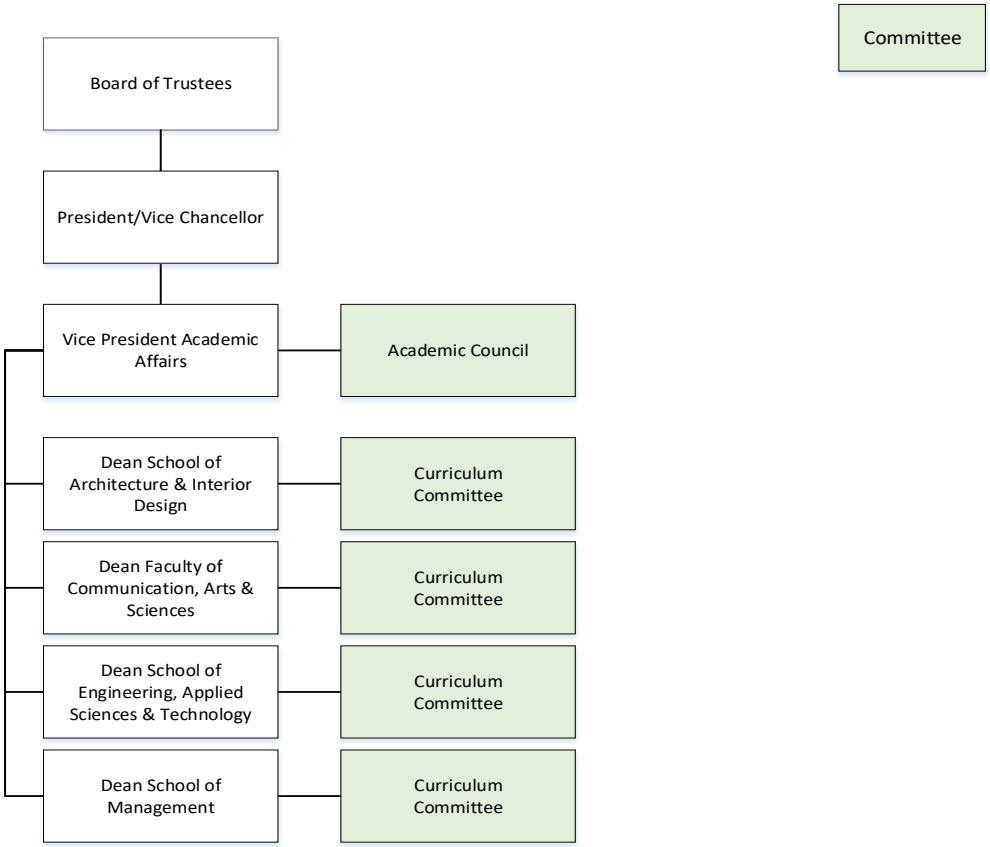
Fall (2023-24) - Cycle 1			
June	5	2023	Pre-Registration Open for Fall
August	28	2023	First Day of Classes (weekday classes)
September	2	2023	First Day of Classes (weekend classes)
September	11	2023	First Day of 100% penalty - No new courses can be added
September	25	2023	First day of WN grade
October	16	2023	Final exams October 17th to Oct 22nd
Fall (2023-24) - Cycle 2			
October	23	2023	First Day of Classes (weekday classes)
October	28	2023	First Day of Classes (weekend classes)
November	06	2023	First Day of 50% penalty - No new courses can be added
November	13	2023	First Day of 100% penalty -No new courses can be added
November	20	2023	First day of WN grade
December	01	2023	Commemoration Day - University Closed
December	2-3	2023	National Day - University Closed
December	11	2023	Final exams Dec 11th to 17th
December	18	2023	Fall Break commences
Spring (2023-24) - Cycle 1			
October	30	2023	Pre-Registration Open for Spring Semester
January	08	2024	First Day of Weekday Classes
January	13	2024	First Day of Classes (weekend classes)
January	22	2024	First Day of 50% penalty
January	29	2024	First Day of 100% penalty
Feb	05	2024	First day of WN grade
Feb	26	2024	Final exams February 26th to March 3rd
Spring (2023-24) - Cycle 2			
March	04	2024	First Day of Weekday Classes
March	10	2024	First Day of Weekend Classes
March	19	2024	First Day of 50% penalty
March	25	2024	Spring Break March 25 to March 31
April	02	2024	First Day of 100% penalty
April	09	2024	First day of WN grade
April	28	2024	Final exams April 28- May 04
Summer 1 (2023-24)			
May	5	2024	First Day of Weekday Classes
May	11	2024	First Day of Weekend Classes
June	23	2024	Final exams June 23-29
Summer 2 (2023-24)			
June	30	2024	First Day of Weekday Classes
July	6	2024	First Day of Weekend Classes
Aug	11	2024	Final exams Aug 11-17

All Islamic Lunar Holidays for the private sector will be fixed per the announcement by the relevant Ministry
Always refer to www.cud.ac.ae for the latest Academic Calendar, as some dates are subject to change
Ramadan lecture timing is from 09:00 am to 05:00 pm.

3 CUD Organizational Chart



Academic Organizational Chart



4 Canadian University Dubai Campus

Canadian University Dubai campus is now situated in the heart of City walks. It is a creative lifestyle space with retail complex, a tree-lined esplanade and central fountain steps away from Sheikh Zayed Road, the main thoroughfare of downtown Dubai and the hub of the financial district. The Dubai Mall, Burj Khalifa, and many of Dubai's premier attractions surround our facilities, and the Financial Centre metro station is walking distance from the University campus, ensuring an easy commute from anywhere on the network. There are also a wide variety of shops and restaurants nearby.

4.1 Academic Facilities

The University's classrooms, laboratories and studios are fully furnished and well-equipped with the latest technology, enabling faculty and students to enhance the learning process with digital and online content. Wireless network access is available in all classroom areas and other common areas for the use of students.

4.2 Classrooms

Canadian University Dubai has classrooms comprehensively fitted-out with comfortable chairs and workspace. Each classroom has wireless network access and is equipped with overhead projectors and computer workstations that enable faculty members to enhance learning with interactive content.

4.3 Computer Laboratories

Canadian University Dubai has several computer laboratories strategically placed throughout the campus, including one lab dedicated to Apple products. Each lab is appropriately furnished with computer desks, chairs and Desktop PC's for students to use. Software required for all programs has been installed on these machines. The labs offer a great deal of accessibility for your needs.

4.4 Students Lounge

The Student Lounge provides students with a space where they can relax, play games, and socialize.

4.5 Masters Lounge

Our Masters Students' have their own nicely decorated and fully equipped lounge. This lounge offers an excellent space to socialize, study, or relax during classroom breaks.

4.6 Sport Facilities

Canadian University Dubai has a range of athletic inhouse facilities that allow students to balance their studies with physical activity. Inhouse Sports facilities available.

4.7 Student Health Clinic

The overall goal of this policy is to achieve the quality standards, improve patient safety and promote healthy outcomes with the use of the key elements of the CUD Health Center which abides by the DHA guidelines and policies.

Free basic medical services are provided for students at Canadian University Dubai Medical Centre. Two qualified nurses are available on campus, and a fully qualified medical doctor is available once per week for consultations and follow-ups.

a) Nurse Roles

- Provide first aid and medical care for minor acute illness and injuries
- Advocate for health and wellbeing of the CUD community
- Health promotion, education, early detection, and intervention
- Providing high-quality care by establishing rapport
- Providing comprehensive care, by being health counsellor to students, staff, and faculty

b) Health Issues

Minor problems are treated at Canadian University Dubai Health Centre. Students will be referred to health providers for more serious problems requiring treatment. In addition, one counsellor is available at Canadian University Dubai to provide support and guidance for students experiencing stress, conflicts, and other personal problems.

c) Hours of Operation

Canadian University Dubai's Health Centre will be open during university hours. Services are available on a walk-in-basis or by appointment to students with a valid Student ID Card.

d) Costs

Health services are free of charge at Canadian University Dubai Health Centre. The health centre will assist students to obtain the Government Medical Health Card that is necessary for students to have access to government medical services. In case of critical illness or emergency, students will be transferred to a hospital. Information on private medical insurance plans will be provided to students who would like additional medical insurance coverage in private health institutions.

4.8 Prayer Rooms

Canadian University Dubai offers four beautiful prayer rooms located on the first and ground floor of HUB Building, City walks. They have separate prayer rooms for Male and female students to perform their prayers in the University.

4.9 The Holy Month of Ramadan

During Ramadan, the University expects all members of the community to refrain from eating, drinking or smoking on the University premises during daylight hours. In acknowledgement of our diverse community, the University designates a particular room where non-Muslims may eat or drink according to their needs. The University expects all its members to respect the U.A.E. culture and regulations and show deference to the Muslim community during this period.

4.10 Cafeterias

Our campus has inhouse cafeterias serving a wide range of cuisines. The cafeteria areas provide a coeducational, multicultural, multinational, and social environment. They are the main gathering place for students between classes and during their free time, where they can enjoy free wireless internet. In addition, the students can always use one of the many vending machines located throughout the campus.

4.11 Parking Facilities

Secure parking is available for a nominal fee per semester on a first-come first-serve basis. Please check with Physical Resources for more information. There is also free parking available on the streets surrounding the University.

4.12 Student Transportation

Canadian University Dubai also offers Transportation from Ajman and Sharjah on a schedule. The fees are as follows:

- AED 2,800 per semester per student from/or to Sharjah or Ajman.

Additionally, there are several metro stations nearby, and ample parking is available for students wishing to drive.

Shuttle Bus:

Canadian University Dubai also offers a shuttle bus from Dubai Mall metro station – City Walk – Dubai Mall metro station every hour.

5 Admission Policies

5.1 Undergraduate Admission Policy

5.1.1 General University Admission Requirements

Prospective students are welcome to apply for admission for CUD undergraduate programs if they

a) are holders of UAE secondary education certificate
b) fulfil specific requirements to the programs which are given below

Holders of a non-UAE High School Certificate will be processed in accordance with Decrees No. 199/2019 and 883 /2019 of His Excellency the Minister of Education UAE, as follows:

- The High School certificate is valid for admission to a public university of the country in which it was issued
- The High School certificate is obtained on completion of at least 12 years of schooling.
- Equivalency Certificate is Issued by Ministry of Education in the UAE
- The High School certificate includes at least six (6) subjects covering the four core fields of: Mathematics, Sciences, Languages, and the Social Sciences & Humanities or Arts
- The High School Certificate is the highest level certificate if it is issued from a country that has two levels of High School Certificates

The applicant is also required to fulfil program specific requirement to the program which are given below.

5.1.2 English Language Proficiency Requirements

Applicants, for an undergraduate program whose medium of instruction is English, are required to provide a valid English Language proficiency Certificate with a minimum score of TOEFL (PBT 500, 61 iBT), IELTS (Band 5.0), EMSAT (1100), or one of the standardized English language tests that is internationally, recognized test that is approved by the Ministry of Education in the UAE.

Note: *Students who would like to enroll in the program of* ***Bachelor of Arts in Creative Industries*** *are required to provide a valid English Language proficiency Certificate with a minimum score of IELTS (Band 5.5), EMSAT (1250) or one of the standardized English language tests that is internationally recognized and approved by the ministry of education in the UAE.*

Applicants, for an undergraduate program whose medium of instruction is Arabic, are required to provide a valid EMSAT-English certificate with a minimum score of 950, or one of the standardized English language tests which is recognized by the Ministry of Education in the UAE.

Transferred students are required to present valid certification (EmSAT, TOEFL, IELTS or other certification approved by the CAA) demonstrating the required language competency scores for full admission.

5.1.3 Math Placement Test

All admitted students are required to take Math Placement test. Students are exempted from the Math Placement test if:

a) They are admitted in BA in Communication or BA in Applied Sociology-Arabic
b) They are holders of UAE High School Certificate – Advanced Stream with a minimum Math score of 70%, holders of SAT Math test with a minimum score of 450 or EmSAT Math with a minimum score of 600.

Any student who does not pass the Math Placement may be granted a conditional admission for one semester during which they must register in the remedial Math Course. They will not be allowed to register in any Math or Statistics course until they successful complete the remedial Math course.

5.1.4 English Language Placement Test

Admitted students, that do not fulfil the above English Language Proficiency requirement, are required to register in one of the three levels of the English For Academic Program (EAP) during their first semester depending on their IELTS score or their performance in the English Language Placement test.

5.1.5 Program Specific Admission Requirements

Holders of UAE High School Certificate - UAE System

Admission to CUD undergraduate programs for holders of UAE high school certificates is as follows:

A. Programs Offered by School of Architecture and Interior Design

Program	Minimum High School Requirements	Other Requirements
Bachelor of Architecture Bachelor of Science in Architectural Studies - Building Information Modeling Bachelor of Science in Architectural Studies – Sustainability	Certificate of completion of MOE-UAE high school with: • Overall average score of 70% for Elite and Advanced Tracks, or • Overall average score of 75% for General Track.	**English Language Proficiency Requirement** • Minimum of 1100 Score in EmSAT in English Language or • 5.0 in Academic IELTS/Equivalent. **Mathematics Requirement** • Minimum of 70% in Mathematics; or • Minimum of 600 score in EmSAT in Mathematics; or • pass a non-credit Precalculus (MTH 012) course in the first semester.
Bachelor of Science in Interior Design	Certificate of completion of MOE-UAE high school with: • Overall average score of 70% for Elite and Advanced Tracks, or • Overall average score of 75% for General Track.	**English Language Proficiency Requirement** • Minimum of 1100 Score in EmSAT in English Language or • 5.0 in Academic IELTS/Equivalent.

B. Programs Offered by School of Engineering, Applied Science and Technology

Program	Minimum High School Requirements	Other Requirements
Bachelor of Computer and Networking Engineering Technology	Certificate of completion of MOE-UAE high school with: • Overall average score of 70% for Elite Track; or • Overall average score of 75% for Advanced Track; or • Overall average score of 80% for General Track.	**English Language Proficiency Requirement** • Minimum of 1100 Score in EmSAT in English Language or • 5.0 in Academic IELTS/Equivalent. **Mathematics Requirement** • Minimum of 70% in Mathematics, or • Minimum of 700 score in EmSAT in Mathematics. **Physics Requirement**

Program	Minimum High School Requirements	Other Requirements
		• Minimum of 70 % in Physics subject; or • Minimum 700 score in EmSAT in Physics; or Equivalent.
Bachelor of Science in Electrical Engineering- Mechatronics Bachelor of Science in Electrical Engineering-Telecommunication Bachelor of Science in Electrical Engineering – Electronics	Certificate of completion of MOE-UAE high school with: • Overall average score of 75% for Elite Track; or • Overall average score of 80% for Advanced Track; or • Overall average score of 90% for General Track.	**English Language Proficiency Requirement** • Minimum of 1100 Score in EmSAT in English Language or • 5.0 in Academic IELTS/Equivalent. **Mathematics Requirement** • Minimum of 80% in Mathematics; or • Minimum of 800 score in EmSAT in Mathematics. **Physics Requirement** • Minimum of 80% in Physics; or • Minimum 800 score in EmSAT in Physics; or Equivalent.
Bachelor of Science in Computer Science * Bachelor of Science in Software Design * Bachelor of Science in Cyber Security *	Certificate of completion of MOE-UAE high school with: • Overall average score of 70% for Elite and Advanced Tracks, or • Overall average score of 75% for General Track.	**English Language Proficiency Requirement** • Minimum of 1100 Score in EmSAT in English Language or • 5.0 in Academic IELTS/Equivalent. **Mathematics Requirement** • Minimum of 70% in Mathematics subject or, • Minimum of 700 score in EmSAT in Mathematics, or Equivalent. **Science Requirement** • Minimum of 70% in one science subject (Physics, Biology, or Chemistry) or, • Minimum 700 score of EmSAT in one science subject (Physics, Biology, or Chemistry), or Equivalent.
** Conditional Acceptance to B.Sc. in Computer Science, B.Sc. in Software Design, and B.Sc. in Cyber Security programs can be granted for one semester to holders of high school certificate Elite/advanced tracks students having achieved overall average score below 70% and fulfilling the above proficiency requirements. They will continue in the program only if they achieve a minimum grade of "C" in MTH-112 Calculus I, BCS-101 Elements of Computing 1, and a semester GPA 2.00 or more.*		

C. Programs Offered by School of Management

Program	Minimum High School Requirements	Other Requirements
Bachelor of Business Administration - Accounting and Finance Bachelor of Business Administration - e-Business Bachelor of Business Administration - Events and Tourism Management Bachelor of Business Administration - Forensic Accounting Bachelor of Business Administration - Human Resource Management	Certificate of completion of MOE-UAE high school with: • Overall average score of 60% for Elite and Advanced Tracks, or • Overall average score of 70% for General Track.	**English Language Proficiency Requirement** • Minimum of 1100 Score in EmSAT in English Language or • 5.0 in Academic IELTS/Equivalent. **Mathematics Requirement** • Minimum of 70% in Mathematics, or

Program	Minimum High School Requirements	Other Requirements
Bachelor of Business Administration - International Business		• Minimum of 600 score in EmSAT in Mathematics.
Bachelor of Business Administration - Luxury Marketing		
Bachelor of Business Administration - Marketing		
Bachelor of Business Administration - Operations and Supply Chain Management		
Bachelor of Business Administration - Sports Management		

Conditional Acceptance to Bachelor of Business Administration can be granted for one semester to holders of high school certificate / general track with overall average score below 70% and fulfilling the above proficiency requirements. They will continue in the program only if they achieve a minimum grade of "C" in MTH-196 Mathematics for Business course and a semester GPA 2.00 or more.

D. Programs Offered by Faculty of Communication, Arts and Sciences (FCAS)

Program	Minimum High School Requirements	Other Requirements
Bachelor of Arts in Communication - Advertising and Integrated Marketing Communications	Certificate of completion of MOE-UAE high school with: • Overall average score of 60% for Elite and Advanced Tracks, or • Overall average score of 60% for General Track.	**English Language Proficiency Requirement** • Minimum of 1100 Score in EmSAT in English Language or • 5.0 in Academic IELTS/Equivalent.
Bachelor of Arts in Communication - Digital Media and Journalism		
Bachelor of Arts in Communication - Public Relations		
Bachelor of Arts in Psychology (English)		
Bachelor of Arts in Creative Industries	Certificate of completion of MOE-UAE high school with: • Overall average score of 70% for Elite and Advanced Tracks, or • Overall average score of 75% for General Track.	**English Language Proficiency Requirement** • Minimum of 1250 Score in EmSAT in English Language or • 5.5 in Academic IELTS/Equivalent.
Bachelor of Science in Public Health - Environmental Health Management	Certificate of completion of MOE-UAE high school with: • Overall average score of 60% for Elite and Advanced Tracks, or • Overall average score of 60% for General Track.	**English Language Proficiency Requirement** • Minimum of 1100 Score in EmSAT in English Language or • 5.0 in Academic IELTS/Equivalent. **Mathematics Requirement** • Minimum of 70% in Mathematics subject for General Track, • Minimum of 60% in Mathematics subject for Elite/Advanced Track, or • Minimum of 700 score in EmSAT in Mathematics. **Science Requirement** • Minimum of 70% in one science subject (Biology, Chemistry, or Physics).
Bachelor of Science in Public Health - Health Administration		
Bachelor of Arts in Applied Sociology (Arabic)	Certificate of completion of MOE-UAE high school with:	**English Language Proficiency Requirement**

Program	Minimum High School Requirements	Other Requirements
Bachelor of Arts in Psychology (Arabic)	• Overall average score of 60% for Elite and Advanced Tracks, or • Overall average score of 60% for General Track.	• Minimum of 950 score in EmSAT in English Language or • 4.5 in Academic IELTS/Equivalent.

5.1.6 Conditional Admission

An applicant who does not meet all the University Admission requirements may be granted conditional admission. The possible circumstances under which such conditional admission may be granted include:

a) **Students who do not meet the English language proficiency requirement:** These students must enroll in the EAP program in order to improve their English skills and achieve the required TOEFL/IELTS score.

b) **Students who do not pass the Math Placement Test:** These students must successfully complete the remedial math course before being allowed to register in any math course.

c) **Students who have been unable to provide attested certificates or equivalency certificate:** These students must provide the equivalency certificate before the end of their first semester.

d) **Students who do not fulfil the program specific minimum score of their High School Certificate** may be granted a conditional admission by the Dean of the School/Faculty.

An Undertaking must be signed by all conditionally admitted students.

Conditionally admitted students due to non-fulfillment of the English Language Proficiency requirement can register only in a limited number of GED courses, along with one of the 3 levels of the EAP program, that do not require a good proficiency of the English Language. The maximum number of Credit hours that can be completed before fulfilment of English Language Proficiency requirement is limited to 12 credit hours. Please see Study Load section.

If a student does not fulfill the specific conditional admission requirement, she/he may be subject to dismissal from the program or from the University.

5.1.7 Admission Procedure and Required Documents

Prospective students can apply online by completing the application form which is available on http://www.cud.ac.ae/ApplyOnline, uploading the required documents, listed below, and payment of non-refundable application fee of 525 AED.

Required Documents to be Uploaded:

All applicants must upload the following documents:

- Copy of UAE High School Certificate. Holders of foreign high school certificate must upload copy of high school certificate/diploma, Copy of transcript/marks for grades 10, 11 and 12, and proof that the applicant had completed 12 years of schooling.
- Students who obtained certificates from outside the UAE must upload a document proving that the High School Certificate is accepted by government universities in the country from which the certificate was obtained.
- Copy of valid passport.
- Recent passport-size colored photograph.

- A valid English Language Proficiency Certificate (TOEFL, IELTS or EmSAT) if available.
- Required EmSAT scores if available. See minimum admission requirements given above.
- UAE high school equivalency certificate for holders of non-UAE high school certificate if available, knowing that equivalency certificate must be provided before confirmation of the enrollment (see point c of conditional admission section given above).

UAE National Applicants Must also Upload the Following Documents:

- Copy of Emirates ID
- Copy of UAE National Family Registry for local students.
- Proof of successful completion or a letter of exemption of military service from the National & Reserve Service Authority (UAE nationals male only)

Non-UAE National Residents of UAE Must also Upload the Following Documents:

- Copy of residence valid visa for non-local students.
- Copy of Emirates ID

Note: *Kuwaiti Nationals applicants must also upload a copy of Kuwaiti Embassy Approval.*

Applicants are most welcome to visit CUD campus for a personal tour, and one of admission officers would be pleased to assist them with their online application, equivalency certificate, or registration for EmSAT test. Alternatively, inquiries can be sent to apply@cud.ac.ae.

5.1.8 Visiting Students

CUD welcomes visiting students for one or two semesters from other higher education institutions. Visiting Students must apply online and select the option "Visiting" http://www.cud.ac.ae/ApplyOnline on which approval letter from student's home university with a list of courses allowed to be taken at CUD must be uploaded.

5.1.9 Transferring Students

CUD considers admission of students transferring from other institutions subject to the following conditions:

- Student meets CUD admissions requirements, given above, for the desired program.
- Student has a Cumulative Grade Point Average from the previous institution of at least 2.0 (on a 4.0 scale) or its equivalent (good academic standing)
- Transferring Students must apply online and select the option "Transferring" on http://www.cud.ac.ae/ApplyOnline, upload all admission documents, and certified copy of their grade transcript and a detailed outline of their courses.

Note: *The number of transferred credits is determined as specified in transfer policy.*

5.1.10 Authentication and Verification of Admission Documents

All admitted students must present certified/attested of high school certificate and the original documents of uploaded copies with the application form.

Holders of High School Certificates within the UAE:

UAE High School certificates must be attested by the Ministry of Education in the UAE. Non-UAE ministry of education certificates must be equated to UAE high school certificate by the Ministry of Education in the UAE.

Holders of High School Certificate from Outside the UAE:

a) All High School certificates must be attested by the Ministry of Education in the country where the issuing High School is based.
b) Certificates and transcripts must be attested by the UAE embassy or consulate in that same country. Alternatively, they may also be able to attest their certificate from the consulate, in the UAE, of awarding country and the UAE Ministry of Foreign Affairs.
c) Students must obtain Equivalency Certificate from the Ministry of Education in the UAE.

Students who have studied at Colleges/Universities Outside of the UAE

a) All Certificates and transcripts must be attested by the Ministry of Education in the country where the issuing institution is based.
b) Following that, the student also needs to have the certificates and transcripts attested by the UAE embassy or consulate in that same country.
c) If the student is not able to have the attestation completed by the UAE embassy or consulate in that same country, they may also be able to obtain the same attestation or equalization from the Ministry of Foreign Affairs or the Consulate of the particular country they studied in.
d) The student will also be required to obtain an equivalency document of all attested certificates from the Equivalency Department at the Ministry of Higher Education.

5.1.11 UAE Requirements for Equivalency of Non-UAE High School Certificates

List of required conditions that must fulfilled to be considered for Equivalency of UAE High School Certificate.

Holders of High School Certificate - British System (IGCSE, GCSE, GCE)

Admission to CUD undergraduate programs for holders of British System high school certificates is as follows:

A. Programs Offered by School of Architecture and Interior Design

<table>
<tr><th>Program</th><th>Minimum High School Requirements</th><th>Other Requirements</th></tr>
<tr><td>Bachelor of Architecture</td><td rowspan="3">Fulfillment of high school equivalency requirement of the Ministry of Education in the UAE:
• Completion of 13 years of schooling
• Minimum of 7 subjects with:
- minimum score of 4 or C grade in five O-Level subjects,
- minimum score of 3 or D grade in two A-Level subjects.</td><td rowspan="3">English Language Proficiency Requirement
• Minimum of 1100 Score in EmSAT in English Language or
• 5.0 in Academic IELTS/Equivalent.
Mathematics Requirement
• C grade in O Level; or D grade in As/A Level; or
• Minimum of 600 score in EmSAT in Mathematics; or</td></tr>
<tr><td>Bachelor of Science in Architectural Studies - Building Information Modeling</td></tr>
<tr><td>Bachelor of Science in Architectural Studies – Sustainability</td></tr>
</table>

Program	Minimum High School Requirements	Other Requirements
	Islamic education and Arabic language subjects are not counted among the required subjects.	• Pass a non-credit Precalculus (MTH 012) course in the first semester.
Bachelor of Science in Interior Design	Fulfillment of high school equivalency requirement of the Ministry of Education in the UAE: • Completion of 13 years of schooling • Minimum of 7 subjects with: - minimum score of 4 or C grade in five O-Level subjects, - minimum score of 3 or D grade in two A-Level subjects. Islamic education and Arabic language subjects are not counted among the required subjects.	**English Language Proficiency Requirement** • Minimum of 1100 Score in EmSAT in English Language or • 5.0 in Academic IELTS/Equivalent.

B. Programs Offered by School of Engineering, Applied Science and Technology

Program	Minimum High School Requirements	Other Requirements
Bachelor of Computer and Networking Engineering Technology	Fulfillment of high school equivalency requirement of the Ministry of Education in the UAE: • Completion of 13 years of schooling • Minimum of 7 subjects with: - minimum score of 4 or C grade in five O-Level subjects, - minimum score of 3 or D grade in two A-Level subjects. Islamic education and Arabic language subjects are not counted among the required subjects.	**English Language Proficiency Requirement** • Minimum of 1100 Score in EmSAT in English Language or • 5.0 in Academic IELTS/Equivalent. **Mathematics Requirement** • C grade in O Level; or C grade in As Level; or D grade in A Level; or • Minimum of 700 score in EmSAT in Mathematics. **Physics Requirement** • C grade in O Level, C grade in As Level; or D grade in A Level; or • Minimum 700 score in EmSAT in Physics; or Equivalent
Bachelor of Science in Electrical Engineering- Mechatronics	Fulfillment of high school equivalency requirement of the Ministry of Education in the UAE: • Completion of 13 years of schooling • Minimum of 7 subjects with: - minimum score of 4 or C grade in five O-Level subjects, - minimum score of 3 or D grade in two A-Level subjects. Islamic education and Arabic language subjects are not counted among the required subjects.	**English Language Proficiency Requirement** • Minimum of 1100 Score in EmSAT in English Language or • 5.0 in Academic IELTS/Equivalent. **Mathematics Requirement** • B grade in O Level; or C grade in As Level; or D grade in A Level; or • Minimum of 800 score in EmSAT in Mathematics. **Physics Requirement** • B grade in O Level, C grade in As Level; or D grade in A Level; or • Minimum 800 score in EmSAT in Physics; or Equivalent
Bachelor of Science in Electrical Engineering-Telecommunication		
Bachelor of Science in Electrical Engineering – Electronics		

Program	Minimum High School Requirements	Other Requirements
Bachelor of Science in Computer Science	Fulfillment of high school equivalency requirement of the Ministry of Education in the UAE: • Completion of 13 years of schooling • Minimum of 7 subjects with: - minimum score of 4 or C grade in five O-Level subjects, - minimum score of 3 or D grade in two A-Level subjects. Islamic education and Arabic language subjects are not counted among the required subjects.	**English Language Proficiency Requirement** • Minimum of 1100 Score in EmSAT in English Language or • 5.0 in Academic IELTS/Equivalent. **Mathematics Requirement** • C grade in O Level; or D grade in As/A Level; or • Minimum of 700 score in EmSAT in Mathematics. **Science Requirement** • C grade in O Level; or D grade in As/A Level in one science subject (Physics, Biology or Chemistry) or, • Minimum 700 score in EmSAT in one science subject (Physics, Biology or Chemistry), or Equivalent.
Bachelor of Science in Software Design		
Bachelor of Science in Cyber Security		

C. Programs Offered by School of Management

Program	Minimum High School Requirements	Other Requirements
Bachelor of Business Administration - Accounting and Finance	Fulfillment of high school equivalency requirement of the Ministry of Education in the UAE: • Completion of 13 years of schooling • Minimum of 7 subjects with: - minimum score of 4 or C grade in five O-Level subjects, - minimum score of 3 or D grade in two A-Level subjects. Islamic education and Arabic language subjects are not counted among the required subjects.	**English Language Proficiency Requirement** • Minimum of 1100 Score in EmSAT in English Language or • 5.0 in Academic IELTS/Equivalent. **Mathematics Requirement** • C grade in O Level; or D grade in As/A Level; or • Minimum of 600 score in EmSAT in Mathematics.
Bachelor of Business Administration - e-Business		
Bachelor of Business Administration - Events and Tourism Management		
Bachelor of Business Administration - Forensic Accounting		
Bachelor of Business Administration - Human Resource Management		
Bachelor of Business Administration - International Business		
Bachelor of Business Administration - Luxury Marketing		
Bachelor of Business Administration - Marketing		
Bachelor of Business Administration - Operations and Supply Chain Management		
Bachelor of Business Administration - Sports Management		

D. Programs Offered by Faculty of Communication, Arts and Sciences (FCAS)

Program	Minimum High School Requirements	Other Requirements
Bachelor of Arts in Communication - Advertising and Integrated Marketing Communications	Fulfillment of high school equivalency requirement of the Ministry of Education in the UAE: • Completion of 13 years of schooling • Minimum of 7 subjects with:	**English Language Proficiency Requirement** • Minimum of 1100 Score in EmSAT in English Language or • 5.0 in Academic IELTS/Equivalent.
Bachelor of Arts in Communication - Digital Media and Journalism		

Program	Minimum High School Requirements	Other Requirements
Bachelor of Arts in Communication - Public Relations Bachelor of Arts in Psychology (English)	- minimum score of 4 or C grade in five O-Level subjects, - minimum score of 3 or D grade in two A-Level subjects. Islamic education and Arabic language subjects are not counted among the required subjects.	
Bachelor of Arts in Creative Industries	Fulfillment of high school equivalency requirement of the Ministry of Education in the UAE: • Completion of 13 years of schooling • Minimum of 7 subjects with: - minimum score of 4 or C grade in five O-Level subjects, - minimum score of 3 or D grade in two A-Level subjects. Islamic education and Arabic language subjects are not counted among the required subjects.	**English Language Proficiency Requirement** • Minimum of 1250 Score in EmSAT in English Language or • 5.5 in Academic IELTS/Equivalent.
Bachelor of Science in Public Health - Environmental Health Management Bachelor of Science in Public Health - Health Administration	Fulfillment of high school equivalency requirement of the Ministry of Education in the UAE: • Completion of 13 years of schooling • Minimum of 7 subjects with: - minimum score of 4 or C grade in five O-Level subjects, - minimum score of 3 or D grade in two A-Level subjects. Islamic education and Arabic language subjects are not counted among the required subjects.	**English Language Proficiency Requirement** • Minimum of 1100 Score in EmSAT in English Language or • 5.0 in Academic IELTS/Equivalent. **Mathematics Requirement** • C grade in O Level; or D grade in As/A Level; or • Minimum of 700 score in EmSAT in Mathematics. **Science Requirement** • C grade in O Level; or D grade in As/A Level in one science subject (Biology, Chemistry, or Physics,).
Bachelor of Arts in Applied Sociology (Arabic) Bachelor of Arts in Psychology (Arabic)	Fulfillment of high school equivalency requirement of the Ministry of Education in the UAE: • Completion of 13 years of schooling • Minimum of 7 subjects with: - minimum score of 4 or C grade in five O-Level subjects, - minimum score of 3 or D grade in two A-Level subjects. Islamic education and Arabic language subjects are not counted among the required subjects.	**English Language Proficiency Requirement** • Minimum of 950 Score in EmSAT in English Language or • 4.5 in Academic IELTS/Equivalent.

Holders of High School Certificate - American System

Admission to CUD undergraduate programs for holders of American System high school certificates is as follows:

A. Programs Offered by School of Architecture and Interior Design

Program	Minimum High School Requirements	Other Requirements
Bachelor of Architecture Bachelor of Science in Architectural Studies - Building Information Modeling Bachelor of Science in Architectural Studies – Sustainability	Fulfillment of high school equivalency requirement of the Ministry of Education in the UAE: • Minimum of overall average score: 70% in the final grade (Grade 12) or the average of best two years of grades 10, 11 and 12. • Holder had successfully passed grades (9, 10, 11 and, 12).	**English Language Proficiency Requirement** • Minimum of 1100 Score in EmSAT in English Language or • 5.0 in Academic IELTS/Equivalent. **Mathematics Requirement** • SAT Mathematics: Score of 450; or • Minimum of 600 score in EmSAT in Mathematics.
Bachelor of Science in Interior Design	Fulfillment of high school equivalency requirement of the Ministry of Education in the UAE: • Minimum of overall average score: 70% in the final grade (Grade 12) or the average of best two years of grades 10, 11 and 12. • Holder had successfully passed grades (9, 10, 11 and, 12).	**English Language Proficiency Requirement** • Minimum of 1100 Score in EmSAT in English Language or • 5.0 in Academic IELTS/Equivalent.

B. Programs Offered by School of Engineering, Applied Science and Technology

Program	Minimum High School Requirements	Other Requirements
Bachelor of Computer and Networking Engineering Technology	Fulfillment of high school equivalency requirement of the Ministry of Education in the UAE: • Minimum of overall average score: 75% in the final grade (Grade 12) or the average of best two years of grades 10, 11 and 12. • Holder had successfully passed grades (9, 10, 11 and, 12).	**English Language Proficiency Requirement** • Minimum of 1100 Score in EmSAT in English Language or • 5.0 in Academic IELTS/Equivalent. **Mathematics Requirement** • SAT Mathematics: Score of 520; or • Minimum of 700 score in EmSAT in Mathematics. **Physics Requirement** • SAT Physics Score of 520; or • Minimum of 700 score in EmSAT in Physics; or Equivalent.
Bachelor of Science in Electrical Engineering- Mechatronics Bachelor of Science in Electrical Engineering-Telecommunication Bachelor of Science in Electrical Engineering – Electronics	Fulfillment of high school equivalency requirement of the Ministry of Education in the UAE: • Minimum of overall average score: 80% in the final grade (Grade 12) or the average of best two years of grades 10, 11 and 12. • Holder had successfully passed grades (9, 10, 11 and, 12).	**English Language Proficiency Requirement** • Minimum of 1100 Score in EmSAT in English Language or • 5.0 in Academic IELTS/Equivalent. **Mathematics Requirement** • SAT Mathematics: Score of 555; or • Minimum of 800 score in EmSAT in Mathematics. **Physics Requirement** • SAT Physics Score of 555; or • Minimum of 800 score in EmSAT in Physics; or Equivalent.

Program	Minimum High School Requirements	Other Requirements
Bachelor of Science in Computer Science *	Fulfillment of high school equivalency requirement of the Ministry of Education in the UAE: • Minimum of overall average score: 70% in the final grade (Grade 12) or the average of best two years of grades 10, 11 and 12. • Holder had successfully passed grades (9, 10, 11 and, 12).	**English Language Proficiency Requirement** • Minimum of 1100 Score in EmSAT in English Language or • 5.0 in Academic IELTS/Equivalent. **Mathematics Requirement** • SAT Mathematics: Score of 520; or • EmSAT in Mathematics: Score of 700/ Equivalent. **Science Requirement** • SAT Score of 520 in one Science subject (Physics, Biology or Chemistry), or • Minimum 700 score in EmSAT in Physics, Biology or Chemistry, or Equivalent.
Bachelor of Science in Software Design *		
Bachelor of Science in Cyber Security *		
** Conditional Acceptance to B.Sc. in Computer Science, B.Sc. in Software Design, and B.Sc. in Cyber Security programs can be granted for one semester to holders of high school certificates with an overall average score below 70% and fulfilling the above proficiency requirements. They will continue in the program only if they achieve a minimum grade of "C" in MTH-112 Calculus I , BCS-101 Elements of Computing 1, and a semester GPA 2.00 or more.*		

C. Programs Offered by School of Management

Program	Minimum High School Requirements	Other Requirements
Bachelor of Business Administration - Accounting and Finance	Fulfillment of high school equivalency requirement of the Ministry of Education in the UAE: • Minimum of overall average score: 70% in the final grade (Grade 12) or the average of best two years of grades 10, 11 and 12. • Holder had successfully passed grades (9, 10, 11 and, 12).	**English Language Proficiency Requirement** • Minimum of 1100 Score in EmSAT in English Language or • 5.0 in Academic IELTS/Equivalent. **Mathematics Requirement** • SAT Mathematics: Score of 450; or • Minimum of 600 score in EmSAT in Mathematics.
Bachelor of Business Administration - e-Business		
Bachelor of Business Administration - Events and Tourism Management		
Bachelor of Business Administration - Forensic Accounting		
Bachelor of Business Administration - Human Resource Management		
Bachelor of Business Administration - International Business		
Bachelor of Business Administration - Luxury Marketing		
Bachelor of Business Administration - Marketing		
Bachelor of Business Administration - Operations and Supply Chain Management		
Bachelor of Business Administration - Sports Management		

Conditional Acceptance to Bachelor of Business Administration can be granted for one semester to holders of high school with overall average score below 70% and fulfilling the above proficiency requirements. They will continue in the program only if they achieve a minimum grade of "C" in MTH-196 Mathematics for Business course and a semester GPA 2.00 or more.

D. Programs Offered by Faculty of Communication, Arts and Sciences (FCAS)

Program	Minimum High School Requirements	Other Requirements
Bachelor of Arts in Communication - Advertising and Integrated Marketing Communications Bachelor of Arts in Communication - Digital Media and Journalism Bachelor of Arts in Communication - Public Relations Bachelor of Arts in Psychology (English)	Fulfillment of high school equivalency requirement of the Ministry of Education in the UAE: • Minimum of overall average score: 60% in the final grade (Grade 12) or the average of best two years of grades 10, 11 and 12. • Holder had successfully passed grades (9, 10, 11 and, 12).	**English Language Proficiency Requirement** • Minimum of 1100 Score in EmSAT in English Language or • 5.0 in Academic IELTS/Equivalent.
Bachelor of Arts in Creative Industries	Fulfillment of high school equivalency requirement of the Ministry of Education in the UAE: • Minimum of overall average score: 75% in the final grade (Grade 12) or the average of best two years of grades 10, 11 and 12. • Holder had successfully passed grades (9, 10, 11 and, 12).	**English Language Proficiency Requirement** • Minimum of 1250 Score in EmSAT in English Language or • 5.5 in Academic IELTS/Equivalent.
Bachelor of Science in Public Health - Environmental Health Management Bachelor of Science in Public Health - Health Administration	Fulfillment of high school equivalency requirement of the Ministry of Education in the UAE: • Minimum of overall average score: 60% in the final grade (Grade 12) or the average of best two years of grades 10, 11 and 12. • Holder had successfully passed grades (9, 10, 11 and, 12).	**English Language Proficiency Requirement** • Minimum of 1100 Score in EmSAT in English Language or • 5.0 in Academic IELTS/Equivalent. **Mathematics Requirement** • Minimum of 70% in Mathematics subject for General Track, • Minimum of 700 score in EmSAT in Mathematics. **Science Requirement** • Minimum of 70% in one science subject (Biology, Chemistry, or Physics).
Bachelor of Arts in Applied Sociology (Arabic) Bachelor of Arts in Psychology (Arabic)	Fulfillment of high school equivalency requirement of the Ministry of Education in the UAE: • Minimum of overall average score: 60% in the final grade (Grade 12) or the average of best two years of grades 10, 11 and 12. • Holder had successfully passed grades (9, 10, 11 and, 12).	**English Language Proficiency Requirement** • Minimum of 950 score in EmSAT in English Language or • 4.5 in Academic IELTS/Equivalent.

Holders of International Baccalaureate

Admission to CUD undergraduate programs for holders of International Baccalaureate certificates is as follows:

A. Programs Offered by School of Architecture and Interior Design

Program	Minimum High School Requirements	Other Requirements
Bachelor of Architecture	Fulfillment of high school equivalency requirement of the Ministry of Education in the UAE: • A minimum score of 24 points. • Must be holder of IB Diploma with 6 subjects (excluding Islamic Education) • The 6 subjects must include at least three subjects at the higher level (HL).	**English Language Proficiency Requirement** • Minimum of 1100 Score in EmSAT in English Language or • 5.0 in Academic IELTS/Equivalent. **Mathematics Requirement** • Minimum score of 3 in the Mathematics subject. • Minimum of 600 score in EmSAT in Mathematics; or • Pass a non-credit Precalculus (MTH 012) course in the first semester.
Bachelor of Science in Architectural Studies - Building Information Modeling		
Bachelor of Science in Architectural Studies – Sustainability		
Bachelor of Science in Interior Design	Fulfillment of high school equivalency requirement of the Ministry of Education in the UAE: • A minimum score of 24 points. • Must be holder of IB Diploma with 6 subjects (excluding Islamic Education) • The 6 subjects must include at least three subjects at the higher level (HL).	**English Language Proficiency Requirement** • Minimum of 1100 Score in EmSAT in English Language or • 5.0 in Academic IELTS/Equivalent.

B. Programs Offered by School of Engineering, Applied Science and Technology

Program	Minimum High School Requirements	Other Requirements
Bachelor of Computer and Networking Engineering Technology	Fulfillment of high school equivalency requirement of the Ministry of Education in the UAE: • A minimum score of 24 points. • Must be holder of IB Diploma with 6 subjects (excluding Islamic Education) • The 6 subjects must include at least three subjects at the higher level (HL).	**English Language Proficiency Requirement** • Minimum of 1100 Score in EmSAT in English Language or • 5.0 in Academic IELTS/Equivalent. **Mathematics Requirement** • Minimum score of 3 in the Mathematics; or • Minimum of 700 score in EmSAT in Mathematics. **Physics Requirement** • Minimum score of 3 in Physics, or • Minimum of 700 score in EmSAT in Physics.
Bachelor of Science in Electrical Engineering- Mechatronics	Fulfillment of high school equivalency requirement of the Ministry of Education in the UAE: • A minimum score of 27 points. • Must be holder of IB Diploma with 6 subjects (excluding Islamic Education) • The 6 subjects must include at least three subjects at the higher level (HL).	**English Language Proficiency Requirement** • Minimum of 1100 Score in EmSAT in English Language or • 5.0 in Academic IELTS/Equivalent. **Mathematics Requirement** • Minimum score of 4 in the Mathematics; or
Bachelor of Science in Electrical Engineering-Telecommunication		
Bachelor of Science in Electrical Engineering – Electronics		

Program	Minimum High School Requirements	Other Requirements
		• Minimum of 800 score in EmSAT in Mathematics. **Physics Requirement** • Minimum score of 4 in Physics, or • Minimum of 800 score in EmSAT in Physics.
Bachelor of Science in Computer Science	Fulfillment of high school equivalency requirement of the Ministry of Education in the UAE: • A minimum score of 24 points. • Must be holder of IB Diploma with 6 subjects (excluding Islamic Education) • The 6 subjects must include at least three subjects at the higher level (HL).	**English Language Proficiency Requirement** • Minimum of 1100 Score in EmSAT in English Language or • 5.0 in Academic IELTS/Equivalent. **Mathematics Requirement** • Minimum score of 3 in the Mathematics; or • Minimum of 700 score in EmSAT in Mathematics. **Science Requirement** • Minimum Score of 3 in one Science subject (Physics, Biology or Chemistry), or • Minimum 700 score in EmSAT in one Science Subject (Physics, Biology or Chemistry).
Bachelor of Science in Software Design		
Bachelor of Science in Cyber Security		

C. Programs Offered by School of Management

Program	Minimum High School Requirements	Other Requirements
Bachelor of Business Administration - Accounting and Finance	Fulfillment of high school equivalency requirement of the Ministry of Education in the UAE: • A minimum score of 24 points. • Must be holder of IB Diploma with 6 subjects (excluding Islamic Education) • The 6 subjects must include at least three subjects at the higher level (HL).	**English Language Proficiency Requirement** • Minimum of 1100 Score in EmSAT in English Language or • 5.0 in Academic IELTS/Equivalent. **Mathematics Requirement** • Minimum score of 3 in the Mathematics; or • Minimum of 600 score in EmSAT in Mathematics.
Bachelor of Business Administration - e-Business		
Bachelor of Business Administration - Events and Tourism Management		
Bachelor of Business Administration - Forensic Accounting		
Bachelor of Business Administration - Human Resource Management		
Bachelor of Business Administration - International Business		
Bachelor of Business Administration - Luxury Marketing		
Bachelor of Business Administration - Marketing		
Bachelor of Business Administration - Operations and Supply Chain Management		
Bachelor of Business Administration - Sports Management		

D. Programs Offered by Faculty of Communication, Arts and Sciences (FCAS)

Program	Minimum High School Requirements	Other Requirements
Bachelor of Arts in Communication - Advertising and Integrated Marketing Communications	Fulfillment of high school equivalency requirement of the Ministry of Education in the UAE: • A minimum score of 24 points. • Must be holder of IB Diploma with 6 subjects (excluding Islamic Education) • The 6 subjects must include at least three subjects at the higher level (HL).	**English Language Proficiency Requirement** • Minimum of 1100 Score in EmSAT in English Language or • 5.0 in Academic IELTS/Equivalent.
Bachelor of Arts in Communication - Digital Media and Journalism		
Bachelor of Arts in Communication - Public Relations		
Bachelor of Arts in Psychology (English)		
Bachelor of Arts in Creative Industries	Fulfillment of high school equivalency requirement of the Ministry of Education in the UAE: • A minimum score of 24 points. • Must be holder of IB Diploma with 6 subjects (excluding Islamic Education) • The 6 subjects must include at least three subjects at the higher level (HL).	**English Language Proficiency Requirement** • Minimum of 1250 Score in EmSAT in English Language or • 5.5 in Academic IELTS/Equivalent.
Bachelor of Science in Public Health - Environmental Health Management	Fulfillment of high school equivalency requirement of the Ministry of Education in the UAE: • A minimum score of 24 points. • Must be holder of IB Diploma with 6 subjects (excluding Islamic Education) • The 6 subjects must include at least three subjects at the higher level (HL).	**English Language Proficiency Requirement** • Minimum of 1100 Score in EmSAT in English Language or • 5.0 in Academic IELTS/Equivalent. **Mathematics Requirement** • Minimum score of 3 in the Mathematics; or • Minimum of 700 score in EmSAT in Mathematics. **Science Requirement** • Minimum Score of 3 in one Science subject (Biology, Chemistry, or Physics).
Bachelor of Science in Public Health - Health Administration		
Bachelor of Arts in Applied Sociology (Arabic)	Fulfillment of high school equivalency requirement of the Ministry of Education in the UAE: • A minimum score of 24 points. • Must be holder of IB Diploma with 6 subjects (excluding Islamic Education) • The 6 subjects must include at least three subjects at the higher level (HL).	**English Language Proficiency Requirement** • Minimum of 950 Score in EmSAT in English Language or • 4.5 in Academic IELTS/Equivalent. **Arabic Language Proficiency Requirement** • EMSAT-Arabic 1000.
Bachelor of Arts in Psychology (Arabic)		

Holders of High School Certificates From France, Algeria, Lebanon, Morocco, and Tunisia

Admission to CUD undergraduate programs for holders of high school Certificates From France, Algeria, Lebanon, Morocco, and Tunisia is as follows:

A. Programs Offered by School of Architecture and Interior Design

Program	Minimum High School Requirements	Other Requirements
Bachelor of Architecture	Fulfillment of high school equivalency requirement of the Ministry of Education in the UAE: • A minimum overall average score of 10 out of 20	**English Language Proficiency Requirement** • Minimum of 1100 Score in EmSAT in English Language or • 5.0 in Academic IELTS/Equivalent. **Mathematics Requirement** • Minimum score of 10 in the Mathematics subject. • Minimum of 600 score in EmSAT in Mathematics; or • Pass a non-credit Precalculus (MTH 012) course in the first semester.
Bachelor of Science in Architectural Studies - Building Information Modeling		
Bachelor of Science in Architectural Studies – Sustainability		
Bachelor of Science in Interior Design	Fulfillment of high school equivalency requirement of the Ministry of Education in the UAE: • A minimum overall average score of 10 out of 20	**English Language Proficiency Requirement** • Minimum of 1100 Score in EmSAT in English Language or • 5.0 in Academic IELTS/Equivalent.

B. Programs Offered by School of Engineering, Applied Science and Technology

Program	Minimum High School Requirements	Other Requirements
Bachelor of Computer and Networking Engineering Technology	Fulfillment of high school equivalency requirement of the Ministry of Education in the UAE: • A minimum overall average score of 10 out of 20	**English Language Proficiency Requirement** • Minimum of 1100 Score in EmSAT in English Language or • 5.0 in Academic IELTS/Equivalent. **Mathematics Requirement** • Minimum score of 10 in the Mathematics; or • Minimum of 700 score in EmSAT in Mathematics. **Physics Requirement** • Minimum score of 10 in Physics, or • Minimum of 700 score in EmSAT in Physics.
Bachelor of Science in Electrical Engineering- Mechatronics	Fulfillment of high school equivalency requirement of the Ministry of Education in the UAE: • A minimum overall average score of 12 out of 20	**English Language Proficiency Requirement** • Minimum of 1100 Score in EmSAT in English Language or • 5.0 in Academic IELTS/Equivalent. **Mathematics Requirement** • Minimum score of 12 in the Mathematics; or • Minimum of 800 score in EmSAT in Mathematics.
Bachelor of Science in Electrical Engineering-Telecommunication		
Bachelor of Science in Electrical Engineering – Electronics		

Program	Minimum High School Requirements	Other Requirements
		Physics Requirement • Minimum score of 12 in Physics, or • Minimum of 800 score in EmSAT in Physics.
Bachelor of Science in Computer Science	Fulfillment of high school equivalency requirement of the Ministry of Education in the UAE: • A minimum overall average score of 10 out of 20	**English Language Proficiency Requirement** • Minimum of 1100 Score in EmSAT in English Language or • 5.0 in Academic IELTS/Equivalent. **Mathematics Requirement** • Minimum score of 10 in the Mathematics; or • Minimum of 700 score in EmSAT in Mathematics. **Science Requirement** • Minimum Score of 10 in one Science subject (Physics, Biology or Chemistry), or • Minimum 700 score in EmSAT in one Science Subject (Physics, Biology or Chemistry).
Bachelor of Science in Software Design		
Bachelor of Science in Cyber Security		

C. Programs Offered by School of Management

Program	Minimum High School Requirements	Other Requirements
Bachelor of Business Administration - Accounting and Finance	Fulfillment of high school equivalency requirement of the Ministry of Education in the UAE: • A minimum overall average score of 10 out of 20	**English Language Proficiency Requirement** • Minimum of 1100 Score in EmSAT in English Language or • 5.0 in Academic IELTS/Equivalent. **Mathematics Requirement** • Minimum score of 10 in the Mathematics; or • Minimum of 600 score in EmSAT in Mathematics.
Bachelor of Business Administration - e-Business		
Bachelor of Business Administration - Events and Tourism Management		
Bachelor of Business Administration - Forensic Accounting		
Bachelor of Business Administration - Human Resource Management		
Bachelor of Business Administration - International Business		
Bachelor of Business Administration - Luxury Marketing		
Bachelor of Business Administration - Marketing		
Bachelor of Business Administration - Operations and Supply Chain Management		
Bachelor of Business Administration - Sports Management		

D. Programs Offered by Faculty of Communication, Arts and Sciences (FCAS)

Program	Minimum High School Requirements	Other Requirements
Bachelor of Arts in Communication - Advertising and Integrated Marketing Communications	Fulfillment of high school equivalency requirement of the Ministry of Education in the UAE: • A minimum overall average score of 10 out of 20	**English Language Proficiency Requirement** • Minimum of 1100 Score in EmSAT in English Language or • 5.0 in Academic IELTS/Equivalent.
Bachelor of Arts in Communication - Digital Media and Journalism		
Bachelor of Arts in Communication - Public Relations		
Bachelor of Arts in Psychology (English)		
Bachelor of Arts in Creative Industries	Fulfillment of high school equivalency requirement of the Ministry of Education in the UAE: • A minimum overall average score of 10 out of 20	**English Language Proficiency Requirement** • Minimum of 1250 Score in EmSAT in English Language or • 5.5 in Academic IELTS/Equivalent.
Bachelor of Science in Public Health - Environmental Health Management	Fulfillment of high school equivalency requirement of the Ministry of Education in the UAE: • A minimum overall average score of 10 out of 20	**English Language Proficiency Requirement** • Minimum of 1100 Score in EmSAT in English Language or • 5.0 in Academic IELTS/Equivalent. **Mathematics Requirement** • Minimum score of 10 in the Mathematics; or • Minimum of 700 score in EmSAT in Mathematics. **Science Requirement** • Minimum Score of 10 in one Science subject (Biology, Chemistry, or Physics).
Bachelor of Science in Public Health - Health Administration		
Bachelor of Arts in Applied Sociology (Arabic)	Fulfillment of high school equivalency requirement of the Ministry of Education in the UAE: • A minimum overall average score of 10 out of 20	**English Language Proficiency Requirement** • Minimum of 950 Score in EmSAT in English Language or • 4.5 in Academic IELTS/Equivalent.
Bachelor of Arts in Psychology (Arabic)		

Holders of Indian Board Certificates and Pakistani Board Certificates

Admission to CUD undergraduate programs for holders of high school Certificates of the Indian Board / Pakistani Board is as follows:

A. Programs Offered by School of Architecture and Interior Design

Program	Minimum High School Requirements	Other Requirements
Bachelor of Architecture Bachelor of Science in Architectural Studies - Building Information Modeling Bachelor of Science in Architectural Studies – Sustainability	Fulfillment of high school equivalency requirement of the Ministry of Education in the UAE: • Minimum Overall average score: 60% • Higher/Senior Secondary Certificate. • Submission of school transcript of grades 10 and 12	**English Language Proficiency Requirement** • Minimum of 1100 Score in EmSAT in English Language or • 5.0 in Academic IELTS/Equivalent. **Mathematics Requirement** • Minimum of 60% in Mathematics, or • Minimum of 600 score in EmSAT in Mathematics.
Bachelor of Science in Interior Design	Fulfillment of high school equivalency requirement of the Ministry of Education in the UAE: • Minimum Overall average score: 60% • Higher/Senior Secondary Certificate. • Submission of school transcript of grades 10 and 12	**English Language Proficiency Requirement** • Minimum of 1100 Score in EmSAT in English Language or • 5.0 in Academic IELTS/Equivalent.

B. Programs Offered by School of Engineering, Applied Science and Technology

Program	Minimum High School Requirements	Other Requirements
Bachelor of Computer and Networking Engineering Technology	Fulfillment of high school equivalency requirement of the Ministry of Education in the UAE: • Minimum Overall average score: 65% • Higher/Senior Secondary Certificate. • Submission of school transcript of grades 10 and 12	**English Language Proficiency Requirement** • Minimum of 1100 Score in EmSAT in English Language or • 5.0 in Academic IELTS/Equivalent. **Mathematics Requirement** • Minimum of 60% in Mathematics; or • Minimum of 700 score in EmSAT in Mathematics. **Physics Requirement** • Minimum of 60% in Physics, or • Minimum of 700 score in EmSAT in Physics; or Equivalent.
Bachelor of Science in Electrical Engineering- Mechatronics Bachelor of Science in Electrical Engineering-Telecommunication Bachelor of Science in Electrical Engineering – Electronics	Fulfillment of high school equivalency requirement of the Ministry of Education in the UAE: • Minimum Overall average score: 70% • Higher/Senior Secondary Certificate. • Submission of school transcript of grades 10 and 12	**English Language Proficiency Requirement** • Minimum of 1100 Score in EmSAT in English Language or • 5.0 in Academic IELTS/Equivalent. **Mathematics Requirement** • Minimum of 70% in Mathematics; or • Minimum of 800 score in EmSAT in Mathematics. **Physics Requirement** • Minimum of 70% in Physics, or • Minimum of 800 score in EmSAT in Physics; or Equivalent.

Program	Minimum High School Requirements	Other Requirements
Bachelor of Science in Computer Science	Fulfillment of high school equivalency requirement of the Ministry of Education in the UAE: • Minimum Overall average score: 60% • Higher/Senior Secondary Certificate. • Submission of school transcript of grades 10 and 12	**English Language Proficiency Requirement** • Minimum of 1100 Score in EmSAT in English Language or • 5.0 in Academic IELTS/Equivalent. **Mathematics Requirement** • Minimum of 60% in Mathematics; or • Minimum of 700 score in EmSAT in Mathematics. **Science Requirement** • Minimum of 50% in one science subject (Physics, Biology, or Chemistry) or, • Minimum 500 score in EmSAT one science subject (Physics, Biology, or Chemistry), or Equivalent.
Bachelor of Science in Software Design		
Bachelor of Science in Cyber Security		

C. Programs Offered by School of Management

Program	Minimum High School Requirements	Other Requirements
Bachelor of Business Administration - Accounting and Finance	Fulfillment of high school equivalency requirement of the Ministry of Education in the UAE: • Minimum Overall average score: 60% • Higher/Senior Secondary Certificate. • Submission of school transcript of grades 10 and 12	**English Language Proficiency Requirement** • Minimum of 1100 Score in EmSAT in English Language or • 5.0 in Academic IELTS/Equivalent. **Mathematics Requirement** • Minimum of 60% in Mathematics, or • Minimum of 600 score in EmSAT in Mathematics.
Bachelor of Business Administration - e-Business		
Bachelor of Business Administration - Events and Tourism Management		
Bachelor of Business Administration - Forensic Accounting		
Bachelor of Business Administration - Human Resource Management		
Bachelor of Business Administration - International Business		
Bachelor of Business Administration - Luxury Marketing		
Bachelor of Business Administration - Marketing		
Bachelor of Business Administration - Operations and Supply Chain Management		
Bachelor of Business Administration - Sports Management		

D. Programs Offered by Faculty of Communication, Arts and Sciences (FCAS)

Program	Minimum High School Requirements	Other Requirements
Bachelor of Arts in Communication - Advertising and Integrated Marketing Communications	Fulfillment of high school equivalency requirement of the Ministry of Education in the UAE: • Minimum Overall average score: 50% • Higher/Senior Secondary Certificate. • Submission of school transcript of grades 10 and 12	**English Language Proficiency Requirement** • Minimum of 1100 Score in EmSAT in English Language or • 5.0 in Academic IELTS/Equivalent.
Bachelor of Arts in Communication - Digital Media and Journalism		
Bachelor of Arts in Communication - Public Relations		

Program	Minimum High School Requirements	Other Requirements
Bachelor of Arts in Psychology (English)		
Bachelor of Arts in Creative Industries	Fulfillment of high school equivalency requirement of the Ministry of Education in the UAE: • Minimum Overall average score: 65% • Higher/Senior Secondary Certificate. • Submission of school transcript of grades 10 and 12	**English Language Proficiency Requirement** • Minimum of 1250 Score in EmSAT in English Language or • 5.5 in Academic IELTS/Equivalent.
Bachelor of Science in Public Health - Environmental Health Management	Fulfillment of high school equivalency requirement of the Ministry of Education in the UAE: • Minimum Overall average score: 50% • Higher/Senior Secondary Certificate. • Submission of school transcript of grades 10 and 12	**English Language Proficiency Requirement** • Minimum of 1100 Score in EmSAT in English Language or • 5.0 in Academic IELTS/Equivalent. **Mathematics Requirement** • Minimum of 60% in Mathematics; or • Minimum of 700 score in EmSAT in Mathematics. **Science Requirement** • Minimum of 60% in one Science subject (Biology, Chemistry, or Physics).
Bachelor of Science in Public Health - Health Administration		
Bachelor of Arts in Applied Sociology (Arabic)	Fulfillment of high school equivalency requirement of the Ministry of Education in the UAE: • Minimum Overall average score: 50% • Higher/Senior Secondary Certificate. • Submission of school transcript of grades 10 and 12	**English Language Proficiency Requirement** • Minimum of 950 Score in EmSAT in English Language or • 4.5 in Academic IELTS/Equivalent.
Bachelor of Arts in Psychology (Arabic)		

Holders of West African Examination Council (WAEC) Results

Admission to CUD undergraduate programs for holders of WAEC high school Certificates is as follows:

A. Programs Offered by School of Architecture and Interior Design

Program	Minimum High School Requirements	Other Requirements
Bachelor of Architecture Bachelor of Science in Architectural Studies - Building Information Modeling Bachelor of Science in Architectural Studies – Sustainability	Fulfillment of high school equivalency requirement of the Ministry of Education in the UAE: • Minimum Overall average score: 70%	**English Language Proficiency Requirement** • Minimum of 1100 Score in EmSAT in English Language or • 5.0 in Academic IELTS/Equivalent. **Mathematics Requirement** • Minimum of B2 in the Mathematics, subject; or • Minimum of 600 score in EmSAT in Mathematics; or • Pass a non-credit Precalculus (MTH 012) course in the first semester.
Bachelor of Science in Interior Design	Fulfillment of high school equivalency requirement of the Ministry of Education in the UAE: • Minimum Overall average score: 70%	**English Language Proficiency Requirement** • Minimum of 1100 Score in EmSAT in English Language or • 5.0 in Academic IELTS/Equivalent.

B. Programs Offered by School of Engineering, Applied Science and Technology

Program	Minimum High School Requirements	Other Requirements
Bachelor of Computer and Networking Engineering Technology	Fulfillment of high school equivalency requirement of the Ministry of Education in the UAE: • Minimum Overall average score: 75%	**English Language Proficiency Requirement** • Minimum of 1100 Score in EmSAT in English Language or • 5.0 in Academic IELTS/Equivalent. **Mathematics Requirement** • Minimum of B2 in Mathematics; or • Minimum of 700 score in EmSAT in Mathematics; or Equivalent. **Physics Requirement** • Minimum of B2 in Physics, or • Minimum of 700 score in EmSAT in Physics; or Equivalent.
Bachelor of Science in Electrical Engineering- Mechatronics Bachelor of Science in Electrical Engineering-Telecommunication Bachelor of Science in Electrical Engineering – Electronics	Fulfillment of high school equivalency requirement of the Ministry of Education in the UAE: • Minimum Overall average score: 80%	**English Language Proficiency Requirement** • Minimum of 1100 Score in EmSAT in English Language or • 5.0 in Academic IELTS/Equivalent. **Mathematics Requirement** • Minimum of A1 in Mathematics; or • Minimum of 800 score in EmSAT in Mathematics. **Physics Requirement** • Minimum of A1 in Physics, or • Minimum of 800 score in EmSAT in Physics; or Equivalent.

Program	Minimum High School Requirements	Other Requirements
Bachelor of Science in Computer Science	Fulfillment of high school equivalency requirement of the Ministry of Education in the UAE: • Minimum Overall average score: 70%	**English Language Proficiency Requirement** • Minimum of 1100 Score in EmSAT in English Language or • 5.0 in Academic IELTS/Equivalent. **Mathematics Requirement** • Minimum of B2 in Mathematics; or • Minimum of 700 score in EmSAT in Mathematics, or Equivalent. **Science Requirement** • Minimum of B2 in one science subject (Physics, Biology, or Chemistry), or • Minimum 700 score in EmSAT one science subject (Physics, Biology, or Chemistry), or Equivalent.
Bachelor of Science in Software Design		
Bachelor of Science in Cyber Security		

C. Programs Offered by School of Management

Program	Minimum High School Requirements	Other Requirements
Bachelor of Business Administration - Accounting and Finance	Fulfillment of high school equivalency requirement of the Ministry of Education in the UAE: • Minimum Overall average score: 70%	**English Language Proficiency Requirement** • Minimum of 1100 Score in EmSAT in English Language or • 5.0 in Academic IELTS/Equivalent. **Mathematics Requirement** • Minimum of B2 in Mathematics, or • Minimum of 600 score in EmSAT in Mathematics.
Bachelor of Business Administration - e-Business		
Bachelor of Business Administration - Events and Tourism Management		
Bachelor of Business Administration - Forensic Accounting		
Bachelor of Business Administration - Human Resource Management		
Bachelor of Business Administration - International Business		
Bachelor of Business Administration - Luxury Marketing		
Bachelor of Business Administration - Marketing		
Bachelor of Business Administration - Operations and Supply Chain Management		
Bachelor of Business Administration - Sports Management		

D. Programs Offered by Faculty of Communication, Arts and Sciences (FCAS)

Program	Minimum High School Requirements	Other Requirements
Bachelor of Arts in Communication - Advertising and Integrated Marketing Communications	Fulfillment of high school equivalency requirement of the Ministry of Education in the UAE: • Minimum Overall average score: 60%	**English Language Proficiency Requirement** • Minimum of 1100 Score in EmSAT in English Language or • 5.0 in Academic IELTS/Equivalent.
Bachelor of Arts in Communication - Digital Media and Journalism		
Bachelor of Arts in Communication - Public Relations		

Program	Minimum High School Requirements	Other Requirements
Bachelor of Arts in Psychology (English)		
Bachelor of Arts in Creative Industries	Fulfillment of high school equivalency requirement of the Ministry of Education in the UAE: • Minimum Overall average score: 75%	**English Language Proficiency Requirement** • Minimum of 1250 Score in EmSAT in English Language or • 5.5 in Academic IELTS/Equivalent.
Bachelor of Science in Public Health - Environmental Health Management	Fulfillment of high school equivalency requirement of the Ministry of Education in the UAE: • Minimum Overall average score: 60%	**English Language Proficiency Requirement** • Minimum of 1100 Score in EmSAT in English Language or • 5.0 in Academic IELTS/Equivalent. **Mathematics Requirement** • Minimum of B2 in Mathematics; or • Minimum of 700 score in EmSAT in Mathematics; or Equivalent. **Science Requirement** • Minimum of B2 in one Science subject (Biology, Chemistry, or Physics).
Bachelor of Science in Public Health - Health Administration		
Bachelor of Arts in Applied Sociology (Arabic)	Fulfillment of high school equivalency requirement of the Ministry of Education in the UAE: • Minimum Overall average score: 60% • Higher/Senior Secondary Certificate. • Submission of school transcript of grades 10 and 12	**English Language Proficiency Requirement** • Minimum of 950 Score in EmSAT in English Language or • 4.5 in Academic IELTS/Equivalent.
Bachelor of Arts in Psychology (Arabic)		

Prospective students who are holder of another High School Certificate are invited to contact the admissions department for the requirements of equivalency of their certificate to UAE High School certificate.

5.2 Masters Admission Policy

Admission to a specific program of study implies admission to Canadian University Dubai; however, admission to a particular program does not imply automatic admission to any other program of study. For all admissions to Canadian University Dubai, prospective students must hold the minimum university general admission requirements, as well as all the additional admission requirements specific to their chosen program of study.

For applicants not meeting all of the requirements, admission is conditional to these requirements, or their established equivalent, being met within prescribed time periods and subject to conditions clearly outlined below.

5.2.1 General Admission Requirements for Master Programs

a) Completion of a recognized bachelor's degree in a discipline appropriate for the Master's degree. A Higher Diploma is not equivalent to a bachelor's degree and does not qualify an

applicant for admission to a Master's programs.[1]

b) A minimum cumulative grade point average of 3.00 on a 4.0 scale, or its established equivalent, in the applicant's bachelor's degree program.

c) A minimum score of 1400 on the English language portion of the EmSAT examination, or its equivalent on other national or internationally recognized tests that are approved by the CAA, such as TOEFL score of 550 (213 CBT, 79 iBT), or 6.0 IELTS.

d) Undergraduate equivalency certificate- required for all students who have graduated from an undergraduate program outside the UAE.

Students who have completed undergraduate education in an English-medium institution might be allowed admission into a graduate program without demonstrating TOEFL score of 550 or equivalent. This exemption can be applicable only to those students who undertook all their schooling (K-12) plus a Bachelor's degree in English in a reference English speaking country (e.g. UK, USA, Australia, New Zealand).

5.2.2 Conditional Admission Requirements for Master Programs

a) May conditionally admit students with a recognized Bachelor's degree and an EmSAT score of 1250 or its equivalent on another standardized test approved by the CAA, such as TOEFL score of 530 (197 CBT, 71 iBT), or 5.5 IELTS academic to a Master's program Such a student must meet the following requirements during the period of conditional admission or be subject to dismissal:

- must achieve an EmSAT score of 1400 or equivalent, by the end of the student's first semester of study;
- may take a maximum of six credit hours in the first semester of study, not including intensive English courses;
- must achieve a minimum CGPA of 3.0 on a 4.0 scale, or its established equivalent, in the first six credit hours of credit-bearing courses studied for the graduate program;

b) May conditionally admit students to a Master Program with a recognized Bachelor's degree and a minimum cumulative grade point average (CGPA) of 2.5 on a 4.0 scale or its established equivalent. Such a student must take a maximum of nine credit hours of courses studied for the graduate program during the period of conditional admission and must achieve a minimum CGPA of 3.0 on a 4.0 scale, or its established equivalent, in these nine credits of courses studied for the graduate program or be subject to dismissal.

c) May conditionally admit students to a Master Program with a recognized Bachelor's degree and a minimum cumulative grade point average (CGPA) of 2.0 and less than 2.5 on a 4.0 scale or its established equivalent to a maximum of nine graduate-level credit hours as remedial preparation for the graduate program. These remedial courses are not for credit within the degree program. The student must achieve a minimum CGPA of 3.0 on a 4.0 scale, or its established equivalent, in these nine credits of remedial courses in order to progress to the graduate program or be subject to dismissal.

[1] *For the admission in Master in IT Management, only applicants holding Engineering /IT/Business related certificates will be considered*

5.2.3 Additional Graduate Admission Requirements: Panel Interview

Offers of admission are adjudicated by a panel consisting of two (2) School of Management faculty members from different program specialties, the Program Leader, and a representative of the Office of the Registrar, as a result of the following process:

a) Once the deadline for submission of applications has passed, a first screening by the panel establishes lists of applicants for further consideration for either admission or conditional admission.
b) Selected applicants complete a panel interview.
c) Offers of admission are made on the basis of the interview's outcome, which includes academic record excellence and suitability as an objective assessment criterion.

The Panel Interview is conducted by the Program Leader and the two School of Management faculty members. It lasts 30 minutes and follows a standard protocol captured by the Masters Interview Form. Its aim is to determine the applicant's:

a) Oral and written language proficiency and communication skills (applicants are invited to speak about themselves and their career goals in relation to their choice to enrol in an MBA program; they are also asked to write a short essay)
b) Motivation and engagement
c) Rationale for the choice of major
d) Prospect for successful completion of the program

The interview culminates with a panel recommendation for full acceptance, or conditional acceptance, or acceptance in the Remedial program or further consideration after submission of additional material, or rejection. This recommendation is based on an objective five-points assessment, including academic record, communication skills, motivation, etc.

5.2.4 Undergraduate Equivalency Certificate Requirement

An undergraduate equivalency certificate issued by the Ministry of Education in the UAE is required for all students who completed their undergraduate studies outside of the UAE. The steps required to obtain an equivalency may be found below:

- University certificates and transcripts must be attested by the Ministry of Education in the country where the issuing university is based.
- Following that, the student also needs to have the certificates and transcripts attested by the UAE embassy or consulate in that same country.
- If the student is not able to have the attestation completed by the UAE embassy or consulate in that same country, they may also be able to obtain the same attestation or equalization from the Ministry of Foreign Affairs or the Consulate of the particular country they studied.
- After the above is completed, the undergraduate equivalency certificate must be requested and issued by the UAE Ministry of Education.

5.2.5 Remedial Preparation Program (RPP)

The School of Management introduced a Remedial Preparation Program (RPP) for the students admitted in Graduate programs with a CGPA of 2.0 and less than 2.5 on a 4.0 scale and students admitted with non-business background. The RPP is comprised of five fundamentals of business and innovative thinking courses MBA 510 Management, and Marketing Foundations, MBA 511

Foundations of Quantitative Analysis, MBA 512 Accounting and Finance Foundations, MBA 513 Foundations of Economics and MIT 514 Fundamentals of Data Analytics Techniques. Each course of these remedial preparation program is equivalent to 3 graduate-level credit hours. The student must achieve a minimum grade of B to be ready for their MBA and MIT curricula.

Remedial Courses

Course Code		Course Title	Prerequisite
MBA	510	Management and Marketing Foundations	None
MBA	511	Foundations of Quantitative Methods	None
MBA	512	Accounting and Finance Foundations	None
MBA	513	Foundations of Economics	None
MIT	514	Fundamentals of Data Analytics Techniques	None

5.3 Deadlines for Admission

CUD admits undergraduate and graduate students for Fall, Spring, and Summer 1 semesters. CUD encourages prospective students to submit their admission application as soon as possible and well before the deadlines for admission which are shown on https://www.cud.ac.ae/admissions. Applicants are also advised to complete their admission file as quickly as possible because when program space is limited, preference may be given to applicants who have provided all required supporting documents prior to the deadline for submission of the documents.

5.4 Letter of Admission

Upon successful completion of the admission process, the student will receive either a conditional acceptance or fully admitted letter issued by the Admissions Department. If the student is rejected, he or she will also receive a letter notifying the rejection of his/her application.

The Admission letter is valid only for the semester/term which is shown in the Admission letter.

5.5 Admission Appeals

Should a student's Application for Admission be rejected, he/she may appeal the decision as follows:

- Inform the Admissions Office of his/her dissatisfaction and request a review, in writing, within thirty (30) days of having received the written reason for the rejection.
- The Admissions Office will acknowledge receipt of the applicant's request and forward it to the Admissions Review Panel which is composed of the Program Leader and two faculty members one from the relevant Department and one from a different Department.
- The applicant may make a presentation to the Panel but may not be represented by a third party at the Panel.
- The Panel will submit their decision to the Registrar for his/her approval.
- The Admissions Office will inform the applicant of the decision in writing.

The decision of the Registrar is final and binding. Should the decision be in favor of the applicant, the applicant will be admitted to his/her chosen program or an alternative should no place be available in his/her chosen program. Under no circumstance will a student already admitted to the University be disadvantaged by the findings of the Review Panel.

5.6 Student Visa

International and non-national students are eligible for a UAE Student Residence Visa sponsored by Canadian University Dubai. These visas are only issued to full-time students (students enrolled in 4 courses or more per semester) who have been accepted to the University and have paid the required deposits and fees.

Student visas are valid for a period of 12 months and renewable per the duration of the student's program of study. Visas must be renewed or cancelled within an acceptable period before expiry while in the UAE. Failure to renew or cancel your visa accordingly may result in an absconding status with UAE Immigration and forfeiting of your visa deposit.

Students with abscondment status will be dismissed from the University and returned to their home country.

Transfer of visa from other institutions is a lengthy process. Students should cancel their visa at their previous academic institution and Canadian University Dubai will apply for a new visa.

Once all the documents are available it takes a minimum of 3 working days to process the visa. Completion of medical and stamping of the visa on the passport take a minimum of 10 additional working days.

Documents Required:

- Colour Passport Photocopy
- 4 Colour Passport Photographs (Submitted with Application for Admission)
- Letter of Acceptance from the University with course details and duration

Note: *University cannot guarantee that you will be granted a student visa.*

5.7 Falsified Admission Documents

Students found to have submitted falsified documents will be dismissed from the University with no refunds and reported to the appropriate authorities.

5.8 Re-Admission of Withdrawn Students

A 'Withdrawn' student can only apply for readmission to a program at the University under the following conditions:

a) The student must meet the full current admission requirements for his/her chosen program.
b) The student is subject to the same priority criteria applicable to other students.

NB: *If prior academic or established behaviour patterns have been deemed unacceptable, a further review may be required. The applicant must be able to provide demonstrative evidence of his/her capacity to perform at an acceptable social standard and academic standard in his/ her chosen program.*

6 Advanced Standing

6.1 Undergraduate Advanced Standing

Some student wishing to enroll at Canadian University Dubai may be eligible to earn academic credits from sufficiently high scores on some national/international secondary school examinations. A student may apply to have these credits and/or experience considered for advanced standing credit towards their program.

The granting of advanced standing will not diminish the integrity of the program of study and the qualification awarded but it is an acknowledgement by CUD that students have gained the knowledge, understanding and skills equivalent to learning outcomes of some first-year courses of the program. In other words, the granting of advanced standing ensures that students are not required to repeat successful learning outcomes of identified courses to be discussed in the next section.

a) Conditions

i. To protect the integrity of its awards, CUD will only award advanced standing for up to 3 subjects which were achieved with a minimum grade equivalent to B in:
   - The GCE A-Level subjects
   - The IB Higher Levels subjects
   - The Lebanese Baccalaureate,
   - The French Baccalaureate,
   - The German Abitur

ii. A subject may be considered for credit award only if the study plan of the program includes a first-year course whose learning outcomes are judged to be achieved by the coverage of the content of the subject under consideration.

iii. Students must submit certified copies of the subjects' descriptions to the Registration Department during the first semester of their study.

b) Procedure

i. Decisions on applications are made by the Registrar based on the recommendation of the Dean of the School which offers the Academic Program.

ii. Any application for advanced standing must be looked at in the totality of the student's application.

iii. To ensure equitable application of this policy, all determinations on advanced standing must be recorded on the student's record on CAMS (CUD Registration System).

iv. The University reserves the right to withdraw advanced standing where the documentation provided by the applicant proves to be incomplete, misleading, false or invalid or when an error has been made in assessing or processing the application.

v. Advanced standing in specified subjects is not granted for subjects which were completed 5 years or more prior to application

6.1.1 Grades Issued for Advanced Standing

Advanced standing will be shown on the Transcript in the same way as transferred courses from other recognized higher education institutions.

Advanced standing will not have considered in the computation of the semester GPA or Cumulative GPA.

6.1.2 Appeals Against Decisions on Advanced Standing

If an applicant is dissatisfied with the outcome of his/her advanced standing application, he/she may appeal against the decision, in accordance with the following appeal procedure which is a customization of CUD grievance policy.

An applicant for advanced standing who wishes to challenge the decision about the advanced standing must first discuss the matter with the Dean of Student Affairs whose staff will refer the application to the Dean of School in which the applicant is studying. The Dean of the School will determine whether any variation to the decision is appropriate, make a decision and advise the Dean of Students Affairs in writing. If, following consultation with the Academic Dean, the student remains dissatisfied with the decision he/she may appeal, in writing, to the Vice President of Academic Affairs within 15 working days of the date of notification of the decision of the Dean.

6.2 Undergraduate Transfer Credits (From Post-Secondary Institution)

If a student wishes to take a course at another institution, a Letter of Permission Form must be filled out and a detailed course outline must be provided. If the course is approved by the Dean of the department, the student may register. Once the course has been completed, a certified transcript must be handed in to the Office of the Registrar, and the course will be added only if the grade attained is C or higher.

Canadian University Dubai approves the admission of applicants transferring from other institutions subject to the following conditions:

- Transfer is from a recognized institution of higher education;
- Student meets Canadian University Dubai admission requirements;
- Student submits a certified copy of their grade transcript and a detailed outline of their courses;
- Student has a Cumulative Grade Point Average from the previous institution of at least 2.0 (on a 4.0 scale) or its equivalent.

Transfer credits are subject to the following conditions:

- Student passed the course with at least a C grade; and,
- Course outline is similar to a corresponding course in the relevant program at Canadian University Dubai.

Note: *Transferred credit hours will not be considered in the computation of GPA at Canadian University Dubai. The maximum number of credits a student may transfer will not exceed 50% of the total number of credits required for graduation.*

6.3 Masters Transfer Credits

Masters students of Canadian University Dubai may transfer a maximum of 6 credit hours to any Master's program. Transferable work must have a minimum grade B and above and have been completed for graduate level credit at an accredited college or university. Students requesting to transfer work must submit the request in writing with an official transcript from the university which awarded the credit. No transfer credit for MBA-648 (Business Strategy).

6.4 Prior Learning Assessment and Recognition Policy

The Prior Learning Assessment and Recognition (PLAR) assessment aims at establishing the recognition or lack thereof of the applicant's documented prior learning experiences as equivalent to the learning outcomes of the course identified on the application form. Normally, recognition of prior learning is awarded by the Assessment Committee upon satisfactory demonstration by the applicant of at least 80% of the course's learning objectives through PLAR assessment. If as a result of the assessment, this learning is deemed equivalent to the learning outcomes for a specific Canadian University Dubai course, credits for that course shall be awarded without the assignment of a grade. The student's transcript shall then mention the course as completed through PLAR.

The maximum degree level credits to be awarded through PLAR should not exceed 12 credit hours. However, when applicable, the total of the number of transferred credits through formal credit transfer and that of credits awarded through PLAR should not exceed 50% of the program graduation requirement.

6.4.1 Different Methods Used for Assessing PLAR

The Canadian University Dubai uses portfolio and/or challenge assessments. The designated PLAR assessor(s) determines the assessment type, format and duration and administers the assessment process.

a) Portfolio

A portfolio is a collection of materials, in either paper or electronic format that demonstrates learning that was obtained through extensive past experiences. Portfolio submissions are normally complemented by an interview. Documentation included in the portfolio can be a collection of formal or informal learning experiences. A portfolio can include, but is not limited to:

- A Curriculum Vitae
- An autobiographical essay
- A description of career history
- A detailed mapping of documented experiences against course's learning outcomes
- Samples of professional achievements
- Job descriptions
- Letters of reference
- Training records
- Detailed course outlines from non-credit training courses or workshops
- Certifications
- Performance appraisals
- Special awards
- Professional contributions (ex. reports, business plans, marketing materials, etc.)

b) Challenge Assessment

A challenge assessment should include both Written and Oral components. The Assessment Committee can also add one or two other components such as Performance (Portfolio), and/or Assessment of Achievement.

6.4.2 Prior Learning Assessment and Recognition Procedure

The Prior Learning Assessment and Recognition (PLAR) is a process whereby Canadian University Dubai awards academic credits for documented learning acquired outside the classroom.

Such learning would have been acquired by a prospective or current student through a variety of professional or life experiences, including but not limited to:

- Training programs
- Professional certificates
- Professional responsibilities
- Seminars or workshops
- Armed services training;
- Independent studies; etc.

Upon successful recognition of prior learning, academic credits are awarded without the assignment of a grade. Hence, PLAR credits do not count towards the CGPA of the applicant. PLAR can be used for course exemption only and cannot be used to be admitted at the university. The applicant has the right to appeal a denial of prior learning recognition.

6.4.3 Appeal Against the Denial of PLAR

The applicant can appeal against the denial of prior learning recognition after paying a 500 AED appeal fee. The appeal must be done in writing to the Dean or Head of the Department offering the course considered in the PLAR application form within five (5) working days past the notification of denial. The Dean shall then convene an ad hoc committee to investigate and deliberate the case before rendering a final decision. This committee shall include a representative of the Dean, a representative of the Registrar, and a subject matter expert faculty member other than the PLAR assessor. The applicant shall be notified of the final decision within ten (10) working days of the initiation of the appeal. The applicant has no further recourse.

6.4.4 Application Process and Guidelines

The applicant must follow a five steps process whereby eligible prior learning is identified, assessed and recognized as a substitute to academic credits.

***Step 1*: Contact and consult with the PLAR Services at the Registration Division to apply.**
The applicant for PLAR credits is responsible for identifying and documenting prior learning and for seeking recognition against academic credits at Canadian University Dubai.

***Step 2*: Consult with the academic advisor on the eligibility of prior learning.**
Applicants are expected to consult with PLAR Services officers and academic advisors about the eligibility of their prior professional and life experiences, the PLAR assessment process, the course(s) to be considered, and the time frame for completion.

The applicant need not be enrolled in a course to use the PLAR option for that given course. However, if the applicant is enrolled in the course considered for recognition, PLAR cannot be used after the 6th hour of class for that course. The applicant for PLAR credits is thus advised to check the University calendar for important dates. In all situations, the applicant is expected to have identified the relevant course(s) and obtained their syllabi.

Consultations with PLAR Services and academic advisors should allow the applicant to:

- Identify the course(s) to be considered for PLAR;
- Identify the learning objectives for the course(s);
- Address the applicant's readiness to undergo PLAR;
- Determine when and how prior learning would be assessed (a possible plan may be discussed, identifying the date and possible type of assessment (e.g., portfolio or challenge) with the understanding that the final choice of the type of assessment is at the discretion of

the PLAR assessor.

Once the course to be considered for recognition has been identified and before proceeding formally, the applicant is strongly advised to reflect on the following questions and reach affirmative answers for each given course:

- "Did I acquire, through extensive professional and life experiences outside the classroom, the knowledge, skills, values and attitudes that appear to be equivalent to the learning outcomes listed in the course syllabus?"
- "Would I be able to demonstrate such knowledge, skills, values and attitudes related to each learning outcome of the course?"

***Step 3*: Complete and submit the PLAR Form together with documented evidence of prior learning.**
Make sure to sign and date the form and to attach originals or certified copies of evidence of prior learning.

***Step 4*: Pay a PLAR application fee of 25% of the course tuition fee.**
A receipt will be issued after payment. Staff at the Registration Division shall not process any PLAR application without the payment receipt. The amount of AED 525 (VAT inclusive) is non-refundable irrespective of the outcome of the assessment(s). Within three (3) working days following the fee payment, PLAR Services shall communicate to the student the name and contact details of the designated Chair of Assessment Committee which is composed of normally of 3 faculty members at Canadian University Dubai determined in consultation with the academic unit offering the course(s) identified for recognition).

***Step 5*: Contact the designate PLAR assessor to complete the prescribed PLAR assessment(s).**
It is the applicant's responsibility to contact the designated Chair of PLAR Assessment Committee and to complete the required PLAR assessment(s) within twenty-one (21) days following the date of application. Past that time period, the PLAR application becomes null and void.
The designated PLAR Committee shall communicate the nature, format, expectations, duration and date(s) of the challenge within three (3) working days following its meeting with the applicant to discuss prior learning and possible assessment methods. The applicant should be given no less than seven (7) working days to prepare for the challenge. Within three (3) working days following the PLAR assessment(s), the Chair of the Assessment Committee shall return the result(s) approved by the Dean to the Registration Department and be prepared to provide the applicant with adequate feedback. PLAR Services shall immediately notify the applicant of the decision (approval or denial) in writing.

Cautionary Notes:

1. Application for PLAR should normally be completed at least 3 weeks before course enrolment. There may be specific times when PLAR challenges are available.
2. PLAR applicants are subject to the Canadian University Dubai Student Code of Conduct, including Academic Integrity Policies throughout the whole process.

7 Registration Process and Procedures

7.1 Undergraduate Registration Process and Procedure

Prior to registration for the current semester, students are required to be in good academic and financial standing.

Please note that students' who have a CGPA of 2 or above, who are in good academic standing and with no academic warnings at the end of previous semester, do not require the approval of an Academic Advisor to register for the next semester. The Class Schedule is subject to change, though every effort is made to minimize any such changes. We review the schedule on a routine basis and update as necessary to ensure student satisfaction.

Course Registration Process

a) New Students

i. Once admitted into the University, students will be required to pay the first semester fees in full or first instalment "a minimum of 60% of their tuition" plus registration fee" to be able to register for the courses.

ii. Once the Payment is made, student will be entitled to select the courses by with the Admission and Registration Officer.

iii. One the courses are selected; the student will be able to see the class schedule on the student portal.

b) Returning Students

i. May register online through their student portal providing they:

- Are in clear or conditional academic standing
- Are in good financial standing
- Have their registration files up to date and complete

ii. If you need to review an Academic Advisor, please visit your assigned advisor for their approval on your courses. You may then pay your fees and register online through the student Portal.

iii. If you are not in good financial standing, please see the Cashiers to clear up any outstanding balances, you may pay online through the student Portal.

iv. If you have an incomplete student file, please contact registration personnel via the email: ARD@CUD.AC.AE and provide the necessary documentation prior to paying your fees and registering.

7.2 Masters Student Registration Process and Procedure

Prior to registration for the current semester, students are required to be in good academic and financial standing. The Course Schedule is subject to change, though every effort is made to minimize any such changes. We review the schedule on a routine basis and update as necessary to ensure student satisfaction.

Course Registration Process

a) New Masters Students

1. Once admitted into the University you may meet with a student advisor from the School of Management to select courses.

2. You will then pay your fees, prior to registering in the courses.
3. Once courses are selected/payment is made you will then register. Registration personnel will be pleased to assist you with this.

b) Returning Students

1. May register online through their student portal providing they:
   - Are in clear or conditional academic standing
   - Are in good financial standing
   - Have their registration files up to date and complete
2. If you need to review an Academic Advisor, please visit your assigned advisor for their approval on your courses. You may then pay your fees and register online through the student Portal.
3. If you are not in good financial standing, please see the Cashiers to clear up any outstanding balances, you may pay online through the student Portal.
4. If you have an incomplete student file, please contact registration personnel via the email: ARD@CUD.AC.AE and provide the necessary documentation prior to paying your fees and registering.

Important Notes for New and Returning Students

- Students are obliged to the registration and Add/Drop periods announced on the Academic Calendar on the CUD website.
- Students are strongly advised to complete their course registration online as we care about health and safety of CUD community.
- Non-compliance registration and payment periods may result in imposing late fees on the student or denial of the registration request.

7.3 Student ID Card

Upon first registration and after all applicable fees have been paid new students will be issued with Identity Cards. Each student must take responsibility to safeguard their ID card, and it must be carried with them at all times while on University premises. In the event of a lost or stolen ID card, students must report the missing card to the Office of the Registrar immediately. Replacement fees will apply to issue a new card. Students are required to hand in their ID Cards upon Graduation or withdrawing from the University. Failure to do so will result in applicable fees being applied.

Students can request to receive their Student ID Card by registered Mail to their address which is mentioned in their application.

7.4 Student Orientation and Academic Advising

Academic orientation and advising are the backbone of any University's education operations system. The University holds orientation sessions at the beginning of each Academic Year, and all first-year students admitted into University programs are requested to attend. Students should refer to the Academic Calendar to learn the exact dates of the orientation sessions. The students will have a chance to meet with the faculty, program coordinators, and University administrators. During these sessions, students will have a chance, for instance, to:

- Familiarize themselves with the credit system,
- Understand and get familiar with the degree requirements,

- Interpret test and placement scores,
- Clarify major and/or career options,
- Select appropriate courses to optimize their academic performances,
- Understand academic warnings and progression policies,
- Understand the academic records of graduating students,
- Familiarize themselves with University services; library, information technology policies, laboratories, student services, student council, etc.

For those students who are in probationary academic standing, a meeting with an assigned Academic Advisor will be scheduled to plan an appropriate study plan and understand progression towards graduation pertaining to their specific case. Students with probationary status cannot register without the signature of their Academic Advisor.

7.5 Add and Drop

a) Add and Drop for Undergraduate Programs

During the first week after courses registration, students may drop or add courses as per the Academic Calendar with no financial penalty subject to the prior approval of the academic advisor and the availability of the courses and seats. The students must pay the fee of the added course(s) before submitting the Add & Drop request to the Office of the Registrar.

b) Add and Drop for Graduate Programs

Students may drop or add courses as per the Academic Calendar subject to the prior approval of the academic advisor and the availability of the courses and seats. The students must pay the fee of the added course(s) before submitting the Add & Drop request to the Office of the Registrar.

7.6 Course Withdrawal

a) Course Withdrawal for Undergraduate Studies

Once registered, students are academically and financially responsible for their course unless they officially withdraw by the deadline as reflected in the Academic Calendar.

To officially drop a section or withdraw from a course, students must submit an Add/Drop request to the Registrar's Office/ by sending email to ard@cud.ac.ae . Once processed, The date on which the written notice of withdrawal is received is the student's effective date of withdrawal. Failure to officially withdraw, the student will receive an "FA" grade (Failure for Non-Attendance).

Withdrawal from a Course within the Add and Drop Period	No Academic Penalty (Does not appear on student transcript)
Withdrawal from a Course after the Add and Drop Period	Reflects on student transcript as (WN) Withdrawal No Penalty

Please see Undergraduate Refunds section for any financial related penalties

b) Withdrawal from a Course or Program without Academic Penalty (WN)

To withdraw from a program without academic penalty (without being penalized by an 'F' grade), students must submit a withdrawal form to the Registrar's Office by the specified date in the semester. This deadline is noted in the sessional dates issued during registration and is available in the Registrar's Office.

For courses that do not have midterms, Continuing Education courses, condensed courses, this deadline date is two-thirds of the way through the course or as stated in the course outline.

For students who withdraw by this deadline, the attempted course will not be included on the student's formal academic record. Students who withdraw from their program, or 'drop' a course after this deadline, will be assigned an "F" grade (Failure) for the course, which will show on the student's formal academic record and will also be used in the Grade Point Average (GPA) calculation.

Students registered in part-time courses must submit a withdrawal form to the Registrar's Office by the date specified in the academic calendar. Full-time status may be jeopardized if students drop too many courses. Withdrawing or dropping courses may have any of the following effects:

- Extend the duration of studies, or delay graduation.
- Add to expenses via additional fees (for instance, as a result of extending the student's studies).
- Affect sponsorship arrangements.

The academic advisor (Program Leader/Coordinator) must approve the request to ensure the student understands any academic issues ensuing from the action.

c) Course Withdrawal for Masters Programs

To withdraw from a course without academic penalty (without being penalized by an 'F' or 'FA' grade), students must submit an Add/Drop form dropping the class to the Registrar's Office by the deadline as reflected in the Academic Calendar.

For students who withdraw by the deadline, the attempted course will not be included on the student's formal academic record. The grade assigned is "WN" (Withdrawal No Penalty). Students who 'drop' a course or courses after this deadline, will be assigned a grade of "F" (Failure) for the course.

Withdrawing or dropping a course or courses may:

- Extend the duration of studies
- Delay graduation.
- Add to cost of the program (i.e. payment for a repeated course that must be paid for twice).
- Affect sponsorship arrangements.

The academic advisor (Program Leader/Coordinator) must approve the Add/Drop form to ensure the student understands the academic and financial implications associated with withdrawing after the deadline to add/drop a course.

7.7 Holding Registration

A student may apply to the Registration office for the suspension of their studies before the end of the Add & Drop period to avoid academic and financial penalties. However, no suspension of studies will be approved for more than two consecutive semesters (Fall & Spring) The total number of semesters in which the student can suspend his/her studies must not exceed four semesters before graduation.

The student must present the clearance sheet to the Registration Office. Students that are sponsored by the University must cancel their visa before suspending their studies.

7.8 Withdrawal from the University

Students may apply for withdrawal from the University, subject to submission of the clearance sheet to the Office of the Registrar. Documents submitted to the University are regarded as a property of the University and cannot be given back to the student. Students that are sponsored by the University must cancel their visa before withdrawing from the University.

- A student may be required by the University to withdraw from a course, program or from the University itself for reasons deemed as 'just cause'. The Vice President of Academic Affairs (VPAA) will determine the specified period of the withdrawal
- The term 'Just Cause' denotes, but is not limited to, consistent failure to meet the academic objectives of the course or study program; any academic performance that would result in an Academic Suspension for a second time; plagiarism and other forms of cheating; inappropriate behaviour within the University campus - e.g. classroom, lab, place of internship or other such environment; failure to pay fees or the submission of falsified or falsely obtained documents, or provision of other false information for admission purposes
- The University may also require students to withdraw from any Continuing Education programs for consistent failure to report absences or for poor attendance (or any of the above-mentioned reasons)
- The VPAA may require immediate and permanent withdrawal from the University by any student that breaches accepted local behavioral norms. The student will be informed in writing if he/she is formally withdrawn from the University
- A student that is withdrawn from a course or a program at the University is not eligible for any refund of fees paid
- A student that has been 'Withdrawn' is not allowed to continue in the program

7.9 Reinstatement after Withdrawal

A student who must take time off from his or her studies can re-enter his or her program without repeating the entire admission process, as long as he or she does so within five years after the withdrawal. To resume a program after an absence of five or more years, the student must reapply for admission and meet program requirements at that time.

8 Fees and Payments

Estimated 1st Year Costs Based on Full Time Studies
****Application Fee included***

8.1 Undergraduate Program Fees

8.1.1 School of Architecture and Interior Design

Department and Programs	Fee per Credit Hour	VAT 5%	Fee per Credit Hour	Fee per Course (3 Cr Hrs.)	CHs* per Year	Tuition Fees* per Year	Incidental Fees*	Total Fees* per Year
	Pre VAT		VAT inclusive					
Department of Architecture								
Bachelor of Architecture	AED 2,407.50	AED 120.38	AED 2,527.88	AED 7,583.63	35	AED 88,475.63	AED 2,236.50	AED 90,712.13
						USD 24,239.90	USD 612.74	USD 24,852.64
Bachelor of Science in Architectural Studies (BIM/ Sustainability)	AED 2,407.50	AED 120.38	AED 2,527.88	AED 7,583.63	35	AED 88,475.63	AED 2,236.50	AED 90,712.13
						USD 24,239.90	USD 612.74	USD 24,852.64
Department of Interior Design								
Bachelor of Science in Interior Design	AED 2,407.50	AED 120.38	AED 2,527.88	AED 7,583.63	35	AED 88,475.63	AED 2,236.50	AED 90,712.13
						USD 24,239.90	USD 612.74	USD 24,852.64

8.1.2 School of Engineering, Applied Science and Technology

Department and Programs	Fee per Credit Hour	VAT 5%	Fee per Credit Hour	Fee per Course (3 Cr Hrs.)	CHs* per Year	Tuition Fees* per Year	Incidental Fees*	Total Fees* per Year
	Pre VAT		VAT inclusive					
Department of Computer Engineering and Computational Sciences								
Bachelor of Computer and Networking Engineering Technology	AED 2,300.50	AED 115.03	AED 2,415.53	AED 7,246.58	33	AED 79,712.33	AED 2,236.50	AED 81,948.83
						USD 21,838.99	USD 612.74	USD 22,451.73
Bachelor of Science in Computer Science	AED 2,300.50	AED 115.03	AED 2,415.53	AED 7,246.58	27	AED 65,219.18	AED 2,236.50	AED 67,455.68
						USD 17,868.27	USD 612.74	USD 18,481.01
Bachelor of Science in Cyber Security	AED 2,300.50	AED 115.03	AED 2,415.53	AED 7,246.58	27	AED 65,219.18	AED 2,236.50	AED 67,455.68
						USD 17,868.27	USD 612.74	USD 18,481.01
Bachelor of Science in Software Design	AED 2,300.50	AED 115.03	AED 2,415.53	AED 7,246.58	27	AED 65,219.18	AED 2,236.50	AED 67,455.68
						USD 17,868.27	USD 612.74	USD 18,481.01
Department of Electrical Engineering								
Bachelor of Science in Electrical Engineering - Electronics	AED2,300.50	AED115.03	AED2,415.53	AED7,246.58	34	AED 82,127.85	AED 2,236.50	AED 84,364.35
						USD 22,500.78	USD 612.74	USD 23,113.52
Bachelor of Science in Electrical Engineering - Mechatronics	AED2,300.50	AED115.03	AED2,415.53	AED7,246.58	34	AED 82,127.85	AED 2,236.50	AED 8 4,364.35
						USD 22,500.78	USD 612.74	USD 23,113.52
Bachelor of Science in Electrical Engineering - Telecommunication	AED2,300.50	AED115.03	AED2,415.53	AED7,246.58	34	AED 82,127.85	AED 2,236.50	AED 84,364.35
						USD 22,500.78	USD 612.74	USD 23,113.52

8.1.3 School of Management

Programs	Fee per Credit Hour	VAT 5%	Fee per Credit Hour	Fee per Course (3 Cr Hrs.)	CHs per Year	Tuition Fees* per Year	Incidental Fees*	Total Fees* per Year
	Pre VAT		VAT inclusive					
BBA in Accounting and Finance	AED 2,247.00	AED 112.35	AED 2,359.35	AED 7,078.05	30	AED 70,780.50	AED 2,236.50	AED 73,017.00
						USD 19,391.92	USD 612.74	USD 20,004.66
BBA in e- Business	AED 2,247.00	AED 112.35	AED 2,359.35	AED 7,078.05	30	AED 70,780.50	AED 2,236.50	AED 73,017.00
						USD 19,391.92	USD 612.74	USD 20,004.66
BBA in Events and Tourism Management	AED 2,247.00	AED 112.35	AED 2,359.35	AED 7,078.05	30	AED 70,780.50	AED 2,236.50	AED 73,017.00
						USD 19,391.92	USD 612.74	USD 20,004.66
BBA in Forensic Accounting	AED 2,247.00	AED 112.35	AED 2,359.35	AED 7,078.05	30	AED 70,780.50	AED 2,236.50	AED 73,017.00
						USD 19,391.92	USD 612.74	USD 20,004.66
BBA in Human Resource Management	AED 2,247.00	AED 112.35	AED 2,359.35	AED 7,078.05	30	AED 70,780.50	AED 2,236.50	AED 73,017.00
						USD 19,391.92	USD 612.74	USD 20,004.66
BBA in International Business	AED 2,247.00	AED 112.35	AED 2,359.35	AED 7,078.05	30	AED 70,780.50	AED 2,236.50	AED 73,017.00
						USD 19,391.92	USD 612.74	USD 20,004.66
BBA in Luxury Marketing	AED 2,247.00	AED 112.35	AED 2,359.35	AED 7,078.05	30	AED 70,780.50	AED 2,236.50	AED 73,017.00
						USD 19,391.92	USD 612.74	USD 20,004.66
BBA in Marketing	AED 2,247.00	AED 112.35	AED 2,359.35	AED 7,078.05	30	AED 70,780.50	AED 2,236.50	AED 73,017.00
						USD 19,391.92	USD 612.74	USD 20,004.66
BBA in Operations and Supply Chain Management	AED 2,247.00	AED 112.35	AED 2,359.35	AED 7,078.05	30	AED 70,780.50	AED 2,236.50	AED 73,017.00
						USD 19,391.92	USD 612.74	USD 20,004.66
BBA in Sport Management	AED 2,247.00	AED 112.35	AED 2,359.35	AED 7,078.05	30	AED 70,780.50	AED 2,236.50	AED 73,017.00
						USD 19,391.92	USD 612.74	USD 20,004.66

8.1.4 Faculty of Communication, Arts and Sciences (FCAS)

Department and Programs	Fee per Credit Hour	VAT 5%	Fee per Credit Hour	Fee per Course (3 Cr Hrs.)	CHs* per Year	Tuition Fees* per Year	Incidental Fees*	Total Fees* per Year
	Pre VAT		VAT inclusive					
Department of Communication and Media								
Bachelor of Arts in Communication - Advertising and Integrated Marketing Communications	AED 2,033.00	AED 101.65	AED 2,134.65	AED 6,403.95	30	AED 64,039.50	AED 2,236.50	AED 66,276.00
						USD 17,545.07	USD 612.74	USD 18,157.81
Bachelor of Arts in Communication - Digital Media and Journalism	AED 2,033.00	AED 101.65	AED 2,134.65	AED 6,403.95	30	AED 64,039.50	AED 2,236.50	AED 66,276.00
						USD 17,545.07	USD 612.74	USD 18,157.81
Bachelor of Arts in Communication - Public Relations	AED 2,033.00	AED 101.65	AED 2,134.65	AED 6,403.95	30	AED 64,039.50	AED 2,236.50	AED 66,276.00
						USD 17,545.07	USD 612.74	USD 18,157.81
Department of Creative Industries								
Bachelor of Arts in Creative Industries	AED 2,247.00	AED 112.35	AED 2,359.35	AED 7,078.05	30	AED 70,780.50	AED 2,236.50	AED 73,017.00
						USD 19,391.92	USD 612.74	USD 20,004.66
Department of Public Health								
Bachelor of Science in Public Health -	AED 2,241.65	AED 112.08	AED 2,353.73	AED 7,061.20	30	AED 70,611.98	AED 2,236.50	AED 72,848.48
						USD 19,345.75	USD 612.74	USD 19,958.49

Department and Programs	Fee per Credit Hour	VAT 5%	Fee per Credit Hour	Fee per Course (3 Cr Hrs.)	CHs* per Year	Tuition Fees* per Year	Incidental Fees*	Total Fees* per Year
	Pre VAT		VAT inclusive					
Environmental Health Management								
Bachelor of Science in Public Health - Health Administration	AED 2,241.65	AED 112.08	AED 2,353.73	AED 7,061.20	30	AED 70,611.98 USD 19,345.75	AED 2,236.50 USD 612.74	AED 72,848.48 USD 19,958.49
Department of Social Sciences								
Bachelor of Arts in Applied Sociology (Arabic)	AED 2,140.00	AED 107.00	AED 2,247.00	AED 6,741.00	33	AED 74,151.00 USD 20,315.34	AED 2,236.50 USD 612.74	AED 76,387.50 USD 20,928.08
Bachelor of Arts in Psychology (English)	AED 2,140.00	AED 107.00	AED 2,247.00	AED 6,741.00	30	AED 67,410.00 USD 18,468.49	AED 2,236.50 USD 612.74	AED 69,646.50 USD 19,081.23
Bachelor of Arts in Psychology (Arabic)	AED 2,140.00	AED 107.00	AED 2,247.00	AED 6,741.00	30	AED 67,410.00 USD 18,468.49	AED 2,236.50 USD 612.74	AED 69,646.50 USD 19,081.23

- *Prices are effective from the **Academic year 2023-24** and are inclusive of VAT.*
- *Actual tuition fees are paid based on credit hours taken per semester.*
- *Canadian University Dubai reserves the right to revise its prices annually up to a maximum of 10%.*
- *All prices listed in USD are subject to change without prior notice due to currency fluctuation.*
- *USD Rate @ 3.65.*

8.2 Master's Program Fees

Programs	Total Credit Hours	Fee per Credit Hour	VAT 5%	Fee per Credit Hour	Fee per Course	Tuition Fees for 12 Courses	Incidental Fees*	Total Fees* per Year
		Pre VAT		VAT inclusive				
Remedial Preparation Program (RRP) Courses	-	AED 2,247	AED 112.35	AED 2,359.35 USD 646.40	-	-	-	-
Master of Business Administration (MBA)	36	AED 2,675	AED 133.75	AED 2,808.75	AED 8,426.25	AED 101,115.00 USD 27,702.74	AED 2,604 USD 713.42	AED 103,719.00 USD 28,416.16
Master in Information Technology Management (MITM)	36	AED 2,675	AED 133.75	AED 2,808.75	AED 8,426.25	AED 101,115.00 USD 27,702.74	AED 2,604 USD 713.42	AED 103,719.00 USD 28,416.16

- *Prices are effective from the **Academic year 2023-24** and are inclusive of VAT.*
- *Actual tuition fees are paid based on credit hours taken per semester.*
- *Canadian University Dubai reserves the right to revise its prices annually up to a maximum of 10%.*
- *All prices listed in USD are subject to change without prior notice due to currency fluctuation.*
- *USD Rate @ 3.65.*

8.3 Non-Credit Course Fees

Programs	Number of Weeks	Cost per Course (Pre VAT)	VAT 5%	Cost per Course (VAT inclusive)
English for Academic Purposes 101	6.5 weeks	AED 5,866.67	AED 293.33	AED 6,160.00 USD 1,687.67
English for Academic Purposes 201	6.5 weeks	AED 5,866.67	AED 293.33	AED 6,160.00 USD 1,687.67
English for Academic Purposes 301	6.5 weeks	AED 4,589.20	AED 229.46	AED 4,818.66 USD 1,320.18
English for Academic Purposes 401	6.5 weeks	AED 4,589.20	AED 229.46	AED 4,818.66 USD 1,320.18

Programs	Number of Weeks	Cost per Course (Pre VAT)	VAT 5%	Cost per Course (VAT inclusive)
Basic Arabic	15 weeks	AED 4,235.00	AED 211.75	AED 4,446.75
				USD 1,218.29
Pre-Calculus	15 weeks	AED 4,235.00	AED 211.75	AED 4,446.75
				USD 1,218.29
College Algebra	15 weeks	AED 4,235.00	AED 211.75	AED 4,446.75
				USD 1,218.29

8.3.1 EAP Program Registration and Incidental Fees

Description	Cost per Course (Pre VAT)	VAT	VAT Amount	Total* Amount
Registration Fee	AED 100.00	5%	AED 5.00	AED 105.00
				USD 28.77
SRFID	AED 165.00	5%	AED 8.25	AED 173.25
				USD 47.47
Total				AED 278.25
				USD 76.23

- *All fees in AED (Emirati Dirhams)*
- *Incidental Fees are subject to change and are Non-Refundable*
- *Prices are effective from the **Academic year 2023-24** and are inclusive of VAT.*
- *Reservation seat fees are nonrefundable if the student withdraws or does not enroll in the University, and are applied toward tuition fees if the student enrolls in his/her program.*
- *Canadian University Dubai reserves the right to revise its prices annually up to a maximum of 10%.*

Incidental Fees

a) Undergraduate Incidental Fees

Incidentals	Fee (Pre VAT)	VAT 5%	Fee (VAT Inclusive)
Application Fee – Undergraduate – One Time	500.00	25.00	525.00
New Student Registration Fee (Including Student ID) - One Time	1,100.00	55.00	1,155.00
Student Activities Fee (Yearly) - charged per Major Semester (x2)*	400.00	20.00	420.00
Accident Insurance (3rd Party - Yearly) - charged per Major Semester (x2)*	130.00	6.50	136.50
Total			**2,236.50**

- *All fees in AED (Emirati Dirhams)*
- *Incidental Fees are subject to change and are Non-Refundable*
- *Student activity fee and Accident Insurance applies in Fall and Spring semester only*

b) Master's Incidental Fees

Incidentals	Fee (Pre VAT)	VAT 5%	Fee (VAT Inclusive)
Application Fee – Masters - One Time	1,500.00	75.00	1,575.00
New Student Registration Fee (Including Student ID) - One Time	500.00	25.00	525.00
Student Activities Fee – One Time	480.00	24.00	504.00
Total			**2,604.00**

- *All fees in AED (Emirati Dirhams)*
- *Incidental Fees are subject to change and are Non-Refundable*

c) Other Student Fees

Incidentals	Fee (Pre VAT)	VAT 5%	Fee (VAT Inclusive)
Seat Reservation Fee/Tuition Deposit (Non-refundable but adjustable towards the tuition fee)	-	-	2500.00
Visa Security Deposit	5,000.00	-	5,000.00
Visa Application if within UAE	2,850.00	142.50	2,992.50
Visa Application if Outside UAE	2,350.00	117.50	2,467.50
Private Health Insurance (Third party - annual)	2,200.00	110.00	2,310.00
Late Registration Penalty per Semester	1,000.00	50.00	1,050.00
Transfer Credit from Other University Fee	500.00	25.00	525.00
Payment Plan Application Fee	400.00	20.00	420.00
Payment Plan Late Fee	800.00	40.00	840.00
Cheque Bounce Penalty	800.00	40.00	840.00
Prior Learning and Recognition Assessment	-	-	25% of course fee
Prior Learning and Recognition Assessment Appeal	500.00 (per course)	25.00 (per course)	525.00 (per course)
Change of Major / Program	300.00	15.00	315.00
Application for reviewing exam sheet (Grade Appeal)	300.00 (per course)	15.00 (per course)	315.00 (per course)
Application of Incomplete Grade/Makeup Exam	1,000.00	50.00	1,050.00
Reseat Exam (Graduating Students Only)	-	-	50% of course fee
Placement Test	190.50	9.50	200.00
TOEFL Test	800.00	40.00	840.00
Official Transcript	100.00	5.00	105.00
Urgent Transcript	200.00	10.00	210.00
Letter of Permission	300.00 (per course)	15.00 (per course)	315.00 (per course)
Official letter	50.00	2.50	52.50
Urgent Official Letter	150.00	7.50	157.50
Course Syllabus - Print & Stamp	100.00 (per course)	5.00 (per course)	105.00 (per course)
Graduation Fee	850.00	42.50	892.50
Graduation Ceremony Participation Fee	600.00	30.00	630.00
Re-Issuance of Degree Certificate	1200.00	60.00	1,260.00
Replacing lost RFID Card	165.00	8.25	173.25
Courier Services	238.10	11.90	250.00
Official Statement of Fees/ Account	50.00	2.50	52.50
Student Transportation*	2,800.00	-	2,800.00
Parking Fee per Semester (based on availability)	1,000.00 (VAT inclusive)	-	1,000.00

- *All fees in AED (Emirati Dirhams)*
- *Incidental Fees are subject to change and are Non-Refundable*
- *Prices are effective from the **Academic Year 2023-24** and are inclusive of VAT*
- *Reservation seat fees are nonrefundable if the student withdraws or does not enroll in the University, and are applied toward tuition fees if the student enrolls in his/her program.*
- *Canadian University Dubai reserves the right to revise its prices annually up to a maximum of 10%.*

8.4 Payment Schedule

Tuition fees should be paid in full at the beginning of the academic year or paid each semester according to the number of courses in which the student is enrolled. A student's registration is not complete until they complete their payment. A student who fails to make the required payment will not be eligible for registration in future sessions.

8.5 Refund Policies

Refund Policy for Undergraduate Program

Once registered, students are academically and financially responsible for their course unless they officially withdraw by the given deadlines, outlined in the following table:

Withdrawal from a course within the first week of study	100% Tuition Fee *
Withdrawal from a course before the completion of the second week of study	50% Tuition Fee *
Withdrawal from a course after the completion of the second week of study	No Refund

**All incidental fees are non-refundable*

Refund Policy for Master's Program

Once registered, students are academically and financially responsible for their course unless they officially withdraw by the given deadlines, outlined in the following table:

Withdrawal from a course within the first day of study	100% Tuition Fee *
Withdrawal from a course before the completion of the second day of study	50% Tuition Fee *
Withdrawal from a course after the completion of the second day of study	No Refund

**All incidental fees are non-refundable*

***Terms and Conditions**

1. Application and registration fee is non-refundable.
2. In the event student Drops, the tuition fee of registered courses will be credited back as applicable to the student ledger which can be utilized for the next semester.
3. In the event student withdraws permanently from the University, student has to submit completed refund application form to Student Accounts department.
4. In the event of non-compliance with agreed payment plan, all deposits held will be adjusted against balances owed to the university and excess amount will be refunded.

Student will receive refund for the credit balance within 30 days.

8.6 Overpayment of Tuition Fee

By Students

- If a student is awarded a Canadian University Dubai scholarship or another form of discount, the amount of the award is applied as credit towards following semesters of registration. Unused amounts when a student graduates are not refunded in cash. Scholarships and other discounts are applied against the cost of tuition. No refund of Scholarship or Discounts is permitted.
- Overpayment of tuition is set aside to offset the cost of tuition for a following semester. The cost of fees and services is non-refundable.
- A refund of tuition is refunded to the provider (the source) in the same manner in which it was received, when the student:

  - Graduates
  - Withdraws from studies at Canadian University Dubai
  - Is dismissed for academic or disciplinary reasons
  - Has their visa to the UAE cancelled
- To obtain a refund of the overpayment of tuition, an application must be filed when the student meets one of the above conditions.

Under Third Party Agreements

- Third Party Agreements outline the coverage of tuition and fees. The agreement limits costs associated with courses, credit hours, and other fees.
- If a student does not uphold the agreement, the student must pay tuition and fees in full immediately or be withdrawn.
- Students are responsible for advising the third party of any changes to their registration, academic progression, or costs related to the completion of the program. The University reserves the right to inform the third party employer or loan agency of the academic performance of the student at any time.
- Academic and financial penalties apply. Third Party Sponsors will be expected to adhere to University policies with respect to payment deadlines, late payment penalties, instalment charges, withdrawals, etc.
- Delinquent accounts will be reported, as required by law, to the UAE Authorities.
- Recovery of paid tuition, if any, at the end of each semester must be defined in the agreement. No recovery of fees is permitted. No recovery of Scholarship or Discounts is permitted.

NOTE: *Third Party Agreements do not apply to employees of the United Arab Emirates Government and its agencies*

8.7 Payment Plans

Students may apply for a Payment Plan if they meet the eligibility criteria. Payment Plan applications must be received prior to the commencement of the Fall and Spring Semesters. The completed form must be received by the tuition payment deadline at Student Accounts in order to provide timely processing. The application must be accompanied by:

- A signed Application Form submitted to Student Accounts (available on the website);
- An upfront payment of 50% of course fees;
- An upfront payment for the Application Fee (non-refundable).
- A sign off from Student Accounts that there are no outstanding payments.

Once the Application Form is received, the University will make a decision within three working days from the date of receiving the application. Students will be notified through email of the success of their application.

Note that Payment Plans are available on tuition fees only. Incidental fees such as the costs of Accommodation, visa, and activity fees are not eligible for payment plan and must be paid in full prior to any semester start.

There will be two choices offered for the payment plan:

i. 50% upfront payment and a further 50% payment before the mid semester exams.

ii. 50% upfront payment and a further 2 payments of 25% by before end of Week 9 of the Semester.

All payment plan payments must be current to remain on the payment plan through registration. All payment plans will be evaluated in October and March to see if payments are current. If payments are not current, there will be a hold on future registration until payments are caught up or paid in full.

Eligibility

Students may opt to go on to a Payment Plan under the following circumstances:

- They are in at least the second year of their degree;
- They are not in the MBA program;
- The student is not on Scholarship of more than 50% in value;
- They pay 50% of the semester tuition fee up front;
- There is no payment plan available for Summer sessions;
- They pay the payment plan application fee; and
- No student will be accepted if they have **any** outstanding debts (these must be cleared before any Payment Plan application will be accepted).

8.8 Discounts

At Canadian University Dubai, we value the spirit of knowledge acquisition and professional advancement, and strive to provide access and support wherever possible, our Special Discounts Program being a stellar example.

Through this program, we encourage and promote access to higher education for family members of our students, employees and those of the EMIVEST Group. The Special Discount Program offer is also applicable to government employees.

Some Key Information

- New and existing undergraduate and graduate students may be eligible for one form of reduction in the cost of tuition each semester. Scholarships and discounts cannot be combined and the highest percentage value will be awarded.
- Students who have been awarded a reduction in the cost of tuition must be, and remain in, good financial and academic standing to be considered a potential recipient.
- Discounts are not applied when there is an outstanding balance owing to Canadian University Dubai that is not paid by the last day to register without late registration penalties.
- You may not appeal the decision of the University, or the percentage or amount of the reduction assigned. The decision to grant or deny a reduction in cost is final.
- Discounts are applied to the current semester of registration and cannot be deferred to future semesters or applied to previous semesters.
- The discount is applied to the cost of tuition only. Other related costs are not discounted.
- A refund is not granted for the discount amount if the student drops out or withdraws from a course.
- Exchange students and transfer courses to and from other institutions are not eligible for the discount.

- Applicants must provide evidence that they meet the minimum qualification for the discount.

8.8.1 Sibling Discount

Students having a brother(s) or sister(s) registered at the University will benefit from a 10% Discount on the tuition fees of the registered courses.

8.8.2 Spouse Discount

The husband or wife of a student registered at the University will benefit from a 10% discount on the tuition fees of the registered courses.

8.8.3 Alumni Discount

Graduates of Canadian University Dubai who pursue a Master's Program will benefit from a 50% Discount on their Remedial Preparation Program Courses and 20% Discount on the tuition fees of the registered MBA/MIT proper courses.

8.8.4 Alumni Sibling and Spouse Discount

Siblings and spouse of Canadian University Dubai graduates will benefit from a 10% discount on the tuition fees of the registered courses. Discount does not apply to non-credit courses.

8.8.5 Government Employee Discount

a) Undergraduate Government Employee Discount

Undergraduate students who are employed in government institutions will benefit from a 10% discount on the tuition fees of the registered courses.

b) Graduate Government Employee Discount

Graduate students who are employed in government institutions will benefit from a 5% discount on the tuition fees of the registered courses.

8.8.6 Student Council Executive Members Discount

Active executive members of the Student Council may be eligible for a discount.

i. Eligible members can receive discounts only during the Fall and Spring semesters.
ii. No discount is offered for the Summer semester.
iii. Eligible members should be registered for a minimum of 12 credit hours in the semester.
iv. Eligible members must meet the minimum CGPA required by the Student Council Policy and should have a clear financial standing.
v. This discount cannot be combined with any other discount; however, it can be combined with an active scholarship at an adjusted rate.
vi. Discount is subject to management discretion and is based on performance evaluation.

Student Council Executive Members	Members *With* Other Scholarships	Members W*ithout* Other Scholarships
President and VP	10% each semester	20% each semester
Other Officers	5% each semester	10% each semester

9 Scholarships

At Canadian University Dubai, we pride ourselves on our commitment to providing a quality, Canadian education for all. We understand the importance of difference and diversity, and we do not want financial limitations or special needs to get in the way of your enrollment. To alleviate some of this concern and to reward high academic achievers, CUD offers the following scholarships:

Disclaimer:
All statements in this publication concerning requirements, amounts, conditions or other matters are for informational purposes only and are subject to change without notice.

Undergraduate Scholarship

- Academic Excellence Scholarship
- Sports Scholarship
- Financial Hardship Scholarship
- Special Needs Scholarship
- Special Talent Scholarship

Undergraduate and Graduate Scholarship

- Study Scholarship

Please note that the number of scholarships awarded is limited and students must meet the minimum selection criteria for the relevant category in order for their application to be considered by the scholarship committee. The amount to be awarded depends on the specific criteria outlined for each scholarship.

Guiding Principles for Canadian University Dubai Scholarships

- Scholarships are open to all students of any citizenship who have met all the admission requirements.
- Scholarships are awarded to full-time students enrolled in four academic courses or more per semester. For Financial Hardship and Special Needs Scholarships, the number of academic courses students must enroll in will be considered on a case-by-case basis, although, where possible, a minimum of four academic courses is recommended. Please note that scholarships can be granted for credit-bearing courses only.
- Students must maintain the cumulative grade point average (CGPA) necessary in order to continue receiving scholarship funding. The specific CGPA requirements vary according to the type of scholarship applied for. These details are outlined in the specific scholarship descriptions.
- Scholarships are not valid for summer semesters.
- Scholarships are only valid for current tuition fees.
- Students can apply for more than one scholarship, provided they meet the eligibility requirements. In case a student qualifies for more than one reduction, scholarship or discount, the student will be given the chance to choose the scholarship with the highest value.
- All remaining fees (tuition and housing) must be paid promptly in order to receive and maintain the scholarship.

Please Note the following Condition:
Scholarship recipients or those who qualify for a reduction in the cost of tuition may not appeal the decision of the University, or the percentage or amount of reduction assigned. The decision to grant or deny a reduction in cost is final.

Application Deadlines:

- The scholarship application deadline for the fall semester is July 7th
- The scholarship application deadline for the spring semester is December 20th.
- Please note that late or incomplete scholarship applications will not be considered by the scholarship committee.
- Applicants must email their scholarship application forms (or visit the scholarship section of Student Affairs), along with all supporting documents (as detailed in the relevant sections of the different scholarship types) to scholarship@cud.ac.ae

9.1 Academic Excellence Scholarship

Overall Terms and Conditions

- To be considered eligible for the Academic Excellence Scholarship, students need to be enrolled in a minimum of 12 credit hours.
- Scholarships awarded for the fall semester are valid for one year, provided that the CGPA is maintained as per the information below and provided the student registers for at least 12 credit hours per semester.
- Scholarships awarded for the spring semester are valid for one semester only.
- Deadlines for the fall semester (July 7th) and spring semester (December 20th) must be met.
- Scholarships do not apply for summer semesters.
- Applicants must email their scholarship application forms along with all supporting documentation to scholarship@cud.ac.ae by July 7th (fall intake) or December 20th (spring intake).
- Late or incomplete scholarship applications will not be considered by the scholarship committee

a) Academic Excellence Scholarship Allocations

i. 50% Tuition Waiver

High school students need to have attained an academic average of 99%* or above to apply for a 50% tuition waiver.

For current CUD students renewing their scholarship, the semester CGPA at the conclusion of the semester must be 3.98 or higher to continue receiving a 50% tuition waiver.

ii. 40% Tuition Waiver

High school students need to have attained an academic average of between 95 – 98.9%* to apply for a 40% tuition waiver.

For current CUD students renewing their scholarship, the semester CGPA at the conclusion of the semester must be between 3.95 – 3.97 to continue receiving a 40% tuition waiver.

iii. 30% Tuition Waiver

High school students need to have attained an academic average of between 90 – 94.9%* to apply for a 30% tuition waiver.

For current CUD students renewing their scholarship, the semester CGPA at the conclusion of the semester must be between 3.9 – 3.94 to continue receiving a 30% tuition waiver.

iv. 20% Tuition Waiver

High school students need to have attained an academic average of between 85 – 89.9%* to apply for a 20% tuition waiver.

For current CUD students renewing their scholarship, the semester CGPA at the conclusion of the semester must be between 3.85 – 3.89 to continue receiving a 20% tuition waiver.

v. 10% Tuition Waiver (Returning Students Only)

High school students who were granted an automatic 20% tuition waiver for their first semester at CUD and have maintained a 3.8 – 3.84 CGPA, may be eligible for a 10% tuition waiver on the subsequent semester.

b) UAE Secondary School Certificate or Equivalent

New Students (1st semester)		Returning students (2nd semester and beyond)	
High School Degree	**Tuition Waiver**	**CGPA**	**Tuition Waiver**
-	-	3.8 - 3.84	10%
85% - 89.9%	20%	3.85 - 3.89	20%
90% - 94.9%	30%	3.90 - 3.94	30%
95% - 98.9%	40%	3.95 - 3.97	40%
99% - 100%	50%	3.98 - 4.0	50%

The Guiding Principles for Canadian University Dubai scholarships must be met.

9.2 Sports Scholarship

This scholarship is meant for elite and talented athletes from any sport who have competed and achieved success at least at a city level. Sports Scholarships are awarded based on the applicant's sports achievement level and their academic performance. A tuition waiver of up to 40% can be applied accordingly.

Overall Terms and Conditions

- Sports Scholarships are valid for one semester only.
- Students can reapply each semester to continue their scholarship.
- Deadlines for the fall semester (July 7th) and spring semester (December 20th) must be met
- Sports Scholarships do not apply for summer semesters.
- For high school applicants to be eligible, they must have a minimum academic achievement of 70%.
- Returning students are required to achieve a minimum of a 3.0 CGPA to be eligible to apply/ reapply for the Sports Scholarship.
- Successful applicants will be required to support the sports department in different events and will be required to contribute up to 15 hours per month of community service as part of their commitment to the University.
- Applications for the Sports Scholarship must include:
  - Completed application form
  - Brief bio including relevant sport accomplishments
  - Scanned copies of references from the applicant's coach and/or PE teacher on institutional letterhead
  - Scanned copies of certificates relevant to the sport the applicant is applying for

The Guiding Principles for Canadian University Dubai scholarships must be met.

9.3 Financial Hardship Scholarship

The objective of these scholarships is to promote access to higher education to students facing financial hardship. A tuition waiver of up-to 40% can be applied as evaluated on a case-by-case basis

Overall Terms and Conditions

- Financial Hardship Scholarships are valid for one semester only.
- Students can reapply each semester to continue their scholarship.
- Deadlines for the fall semester (July 7th) and spring semester (December 20th) must be met.
- Financial Hardship Scholarships do not apply for summer semesters
- For high school applicants to be eligible, they must have a minimum academic achievement of 75%.
- Returning students are required to achieve a minimum of a 2.8 CGPA to be eligible to apply/ reapply for the Financial Hardship Scholarship.
- Successful applicants will be required to contribute up to 15 hours per month of community service as part of their commitment to the University.
- Applications for the Financial Hardship Scholarship must include:
  - Completed application form
  - Current rental contract
  - Bank statements
  - Employee certificate and salary statement for each employed family member
  - Copy of passport and visa for all working family members (or both parents)
  - Certificates of educational tuition fees for each sibling

All documentation will be kept confidential. Any application with incomplete documentation cannot be considered by the scholarship committee when awarding the Financial Hardship Scholarships.

The Guiding Principles for Canadian University Dubai scholarships must be met.

9.4 Special Needs Scholarship

We at Canadian University Dubai pledge to provide an inclusive learning environment and to support the cognitive, emotional and creative development of students with disabilities. Special needs may be justified by physical or other disabilities.

Students eligible for a Special Needs Scholarship will benefit from a tuition reduction of up to 40%.

Overall Terms and Conditions

- For students applying for the Special Needs Scholarship at the point of admission to the University, the academic average will be considered by the scholarship committee on a case-by-case basis.
- For current students, a minimum CGPA of 2.0 is required to be eligible to apply for the scholarship.
- Deadlines for the fall semester (July 7th) and spring semester (December 20th) must be met.
- Special Needs Scholarships do not apply for summer semesters.
- Students are required to provide an up-to-date professionally documented diagnosis that will be kept confidentially.

- The scholarship application is reviewed by and subject to the scholarship committee's discretion.

The Guiding Principles for Canadian University Dubai scholarships must be met.

9.5 Special Talent Scholarship

This scholarship is meant for elite and talented individuals from any field who have competed and achieved success at a city level or beyond. Special Talent Scholarships are awarded based on the applicant's achievement level and their academic performance. A tuition waiver of up to 40% can be applied accordingly.

Overall Terms and Conditions

- Special Talent Scholarships are valid for one semester only.
- Students can reapply each semester to continue their scholarship.
- Deadlines for the fall semester (July 7th) and spring semester (December 20th) must be met.
- Special Talent Scholarships do not apply for summer semesters.
- For high school applicants to be eligible, they must have a minimum academic achievement of 70%.
- Returning students are required to achieve a minimum of a 3.0 CGPA to be eligible to apply/ reapply for the Special Talent Scholarship.
- Successful applicants will be required to contribute up to 15 hours per month of community service as part of their commitment to the University.
- Applications for the Special Talent Scholarship must include:
  - Completed application form
  - Documents supporting accomplishment within the applicant's talent field
  - Certificates relevant to the applicant's talent
  - Recommendations from teachers, trainers or professionals from within the applicant's talent field

The Guiding Principles for Canadian University Dubai scholarships must be met.

10 Academic System

10.1 Semester

A semester is the duration of study typically a minimum of fifteen (15) weeks (excluding assessment). Each academic year consists of two semesters, Fall and Spring. The University may also run Summer Semester of 8 weeks duration.

10.2 Credit Hour

A credit, or credit hour, is a unit of measurement defining the student's overall effort towards attaining a qualification.

One semester credit equal approximately 1 hour of time in class per week over a semester of 15 weeks or longer. For laboratory or studio-based courses, the allocation of credit differs; 1 semester credit normally is given for two hours of laboratory or studio time per week over a 15-week semester.

Normally, the duration of lecture is 50 minutes long and the duration of laboratory is one hundred (100) minutes.

The number of credit hours is indicated in parentheses after each course title in the course outline, as (L-P-T). L = Lecture Hours; P = Lab/Practical/Tutorial Hours; T = Total Credit Hours.

10.3 Student Study Load

10.3.1 Undergraduate Students Study Load

a) Study Load of UG Students who are in Good Academic Standing

For the Fall and Spring semesters, the full-time regular study load is fifteen credit hours or as specified in the study plan. For the Summer session, the maximum load is six credit hours.

Under exceptional conditions students may increase their study load to 21 credit hours in the Fall and Spring semesters, and to nine credit hours in the Summer session if:

- The student's grade point average (CGPA) is at least 3.5 in the preceding semester, or
- The student expects to graduate at the end of the semester, and their CGPA is at least 2.0.

b) Study Load of UG Students who are on Academic Probation

i. Students, who are on first Academic probation, are allowed to register 4 new courses (12 credit hours) and repeat one course in which they obtained a grade less than C.

ii. Students, who are on 2nd Academic probation, are allowed to register 2 new courses (6 credit hours) and repeat two courses (6 credit hours) in which they obtained a grade less than C.

iii. Students, who are on 3rd Academic probation, are allowed only to repeat 3 courses (9 credit hours) in which they obtained a grade less than C.

c) Study Load of UG Students who are Conditionally Admitted

i. Students, who are conditionally admitted for nonfulfillment of English Language Proficiency requirement, are allowed to register in the identified Level of the 3 EAP levels and a limited number of GED courses that do not require a good proficiency in English as follows:

- Holders of TOEFL score less than or equal to 450, or equivalent, will enroll in EAP level 1 which consists of 15 hours per week and in GED 196 Communication Skills in Arabic
- Holders of TOEFL score between 450 and 480, or its equivalent, are allowed to register in EAP Level 2 which consists of 12 hours per week and 2 GED courses: GED 196 Communication Skills in Arabic, and GED 198 Islamic Culture in Arabic.
- Holders of TOEFL score between 480 and less than 500, or its equivalent, are allowed to register in EAP Level 3 which consists of 9 hours per week and 3GED courses: GED 196 Communication Skills in Arabic, GED 198 Islamic Culture in Arabic, and GED 101 Computer Applications or MTH 195 Calculus 1 course if GED 101 is not part of the curriculum.

Note: *If the student fails to fulfil the English Language proficiency requirement at the end of the first semester, he is requested to enroll in EAP in his second semester and GED courses conditional on that the total of earned GED credit hours and the registered ones do not exceed 12 credit hours.*

ii. Students, who are conditionally admitted for nonfulfillment of average sore in High School certificate, must register in at most 4 courses (12 credit hours) that were selected by the Dean or his representative who granted the conditional admission.

iii. Students, who are conditionally admitted for pending result of EMSAT test due to non-availability of seats, are allowed to register 12 credit hours to be selected from the list courses which are planned in the first semester.

iv. Students, who are conditionally admitted for pending issuance of equivalency certificates, are allowed to register in 15 credit hours as per the study plan, knowing that CUD does not grant admission to holders of high school certificates that are unlikely to be equated by MOE.

10.3.2 Masters Student Course Load

The academic load for Masters programs is as follows. The total MBA program load is 36 credit hours, and for the MITM it is 36 credit hours. The maximum academic load is 12 credit hours per term. Students who pursue the program part-time have up to four years to complete the degree requirements including the foundation Masters courses.

10.4 Special Arrangement/Independent Study

Independent Study/special arrangement delivery mode of a course is an experience where the student covers the content of a course through individual study under the guidance of a faculty member. This approach is to be used only when scheduling difficulties would otherwise prevent the student from completing his or her program of study in a timely manner. Furthermore, the number of credit hours to be completed using independent study mode is limited to 3 credit hours (1 course), during the full period of study, for undergraduate programs. Independent study delivery mode is not allowed for graduate courses without prior approval of the CAA as per Standards 2019.

a) Course Delivery using Independent Study Mode

When a course is delivered using Independent Study mode, the faculty member must ensure that:

i. The student has obtained all authorizations (see section Application given below).

ii. The student must meet the faculty member according to the weekly schedule (1hour meeting per week). Attendance to the weekly meetings is compulsory: 1 weekly absence

is equivalent to absence of 3 hours of regular delivery mode, and attendance policy applies using this equivalency.

iii. The full content of the course syllabus will be covered during the semester.
iv. All learning resources are provided to the student during the semester.
v. Formal exams (Mid-term and Final exams) must take place as per the academic calendar.
vi. As for regular courses, the faculty member must upload the log of weekly attendance of the student in the course file.
vii. A course file will be prepared at the end of the semester.

b) Eligibility

A student may request to enroll in a course using Independent Study Mode only if one of the following conditions holds:

i. The course is not offered, and the student needs the course in order to graduate at the end of the current semester.
ii. The maximum number of credit hours that can be completed, using Independent Study delivery mode is limited to 3 credit hours (1 course) for Bachelor programs during the entire period of study.
iii. A minimum cumulative grade point average of 2.5 is required, subject to waiver by the Dean of the School.

The institution must request the approval of the CAA for offering, using IS mode, a graduate course to Graduate student.

c) Application

When a student becomes eligible to enroll in a course using independent study mode, the following process must be followed:

i. A formal request is written by the student to his/her academic advisor with all supporting documents, one semester in advance.
ii. The academic advisor and Department Head/Program Director review the student's application and make a recommendation to the Dean.
iii. The Dean reviews the whole application for a final decision.

10.5 Policy on Intensive Modes of Course Delivery

When an academic department intends to offer a course or program through intensive modes of delivery, it must comply with the CAA requirements as specified in its standards. The institution should receive the approval of the commission prior to the start of the program or courses. During Summer sessions, courses are delivered over a shorter period of time but do not require the approval of the CAA. When considering intensive course delivery, the academic department must ensure:

- Comparable duration of class contacts time and expectations for out-of-class study time, as in the same courses offered during regular semesters or terms.
- The learning outcomes of the courses can be achieved during the short period of time.
- Students may register up to three courses when week-end course delivery is used during a regular semester. If the course delivery involves the shortening of the semester, students may register up to two courses.

- Faculty are given enough time for course delivery and preparation, in addition to all other duties, as required by the CAA standards.

10.6 Attendance and Absenteeism Policies

a) Attendance and Absenteeism Policy for Undergraduate Studies

Purpose:

Student Academic Success is enhanced by good classroom attendance. Students may however, from time to time, have to miss classes for reasons beyond their control. Students should not be penalized for such absences. Legitimate absences are limited to documented illnesses or a death in the immediate family.

Attendance Requirements:

Attending classes is compulsory in all courses. Students will not be allowed to take the final examination if they are absent for more than 25% of the classes in a course. (Students should refer to their respective Department for additional specific program or Department requirements).

- When a student is absent for 10% of the course, an absence reminder will be sent via university e-mail.
- When a student is absent for 20% of the course a second absence e-mail reminder will be sent
- When a student has been absent for 25% of the course a notice of Failure for Non-Attendance (grade point of 0.0) will be sent

A student arriving 15 minutes late to class in three different sessions during a particular semester will be given an absence.

A student with a verifiable and legitimate reason for missing a class (illness, death in the immediate family) may request of his or her professor that such an excusable absence be recorded, but not counted towards the 25% cut off figure that would otherwise lead to a grade of Failure for Non-Attendance. Such excusable absences must be noted in the Course File Attendance Report.

b) Attendance and Absenteeism Policy for Masters Programs

Attending classes is compulsory in all Masters programs. Masters students will not be allowed to take the final examination if they are absent for more than 35% of the classes in a course. When a student has been absent for more than 35% of the course a notice of Failure for Non-Attendance (grade point of 0.0) will be sent. It is the responsibility of the student to electronically check his/her attendance record. Missing classes with verifiable and legitimate reasons (illness, death in immediate family, etc.) will be treated as per the University grading policy.

10.7 Grading Scheme

a) Grading Scheme for Undergraduate Studies

The academic performance of undergraduate students will be recorded using Canadian University Dubai's grading system which reflects the student's performance in each course. In general, the pass mark in a course is fifty percent (50%) but students are required to refer to the specific requirements for their chosen program of study to ensure that they are aware of any modification to this.

The distribution of the total mark (100) on semester such as: quizzes, tests, midterm exam, projects, laboratory work, and the final exam are shown on the outline of each course which is distributed by the faculty to the students during the first week of the semester.

(See table next page)

Percent Grade	Alpha Grade	4 Point Scale Equivalent	Canadian University Dubai Equivalent Description
90-100	A+	4.0	Outstanding
80-89	A	3.8	Excellent
75-79	B+	3.5	Very good
70-74	B	3.0	Good
65-69	C+	2.5	Satisfactory (High)
60-64	C	2.0	Satisfactory
55-59	D+	1.5	Pass
50-54	D	1.0	Minimal Pass
0-49	F	0	Failure
	P	*	(Pass) Satisfactory achievement in a course.
	FA	0	Failure for Non-Attendance
	AG	*	Aegrotat Standing (valid medical certificate)
	I	*	Incomplete Grade
	IP	*	Course in Progress
	TC	*	The student meets all Canadian University Dubai course requirements via transferred/documented equivalent courses taken/passed at another accredited university.
	WN	*	Withdrawal - Without Academic Penalty

* ***Not computed in GPA.***

- Canadian University Dubai standard pass mark in each course is 50 percent
- Cumulative PGPA not less 2.00 is required for graduation
- GPA and Cumulative GPA are computed only for courses from the study plan of the program
- When a course is repeated the higher grade of the two attempts is considered in the computation of the GPA and Cumulative GPA, but both grades are put on record
- NB: A student will receive an academic notice from the Registrar if his/her term GPA is less than 2.00.

i. Semester Grade Point Average:

The Semester (term) Grade Point Average (GPA) is simply the weighted average of the grades obtained in the courses registered in the semester, where the weight of each course is based on the number of credit hours.

For example, if a student obtained the following grades in a given semester:

Course Name	Credit Hours	Letter Grade	Grade point
Course 1	3	A+	4.0
Course 2	3	A	3.7
Course 3	3	B	3.0
Course 4	3	B+	3.5

The Semester Grade Point Average (Sem GPA) will be computed as follows:

$$\text{SEM GPA} = \frac{4*3 + 3.7*3 + 3*3+3*3.5}{3+3+3+3} = 3.6$$

ii. Cumulative Grade Point Average:

A students' GPA is based on courses completed at this University. The semester or TGPA and the cumulative or CGPA is based on the weighted average of the grades obtained in all courses where the weight of the course is its number of credit hours. The program GPA (PGPA) includes only those courses that apply to the degree. If a course is repeated both grades will appear in the transcript, but only the higher grade will be the GPA. Averages are truncated to two decimal points.

b) Grading Scheme for Masters Programs

Percent Grade	Alpha Grade	4 Point Scale Equivalent	Canadian University Dubai Equivalent Description
95-100	A+	4.00	Outstanding
90-94	A	3.70	Excellent
85-89	A-	3.50	Very good
80-84	B+	3.25	Good
75-79	B	3.00	Satisfactory
70-74	B-	2.75	Below requirements
65-69	C+	2.50	
60-64	C	2.00	
Less than 60	F	0.00	Failure
	P	*	(Pass)
	FA	*	Failure for Non-attendance
	AG	*	Aegrotat Standing (valid medical certificate)
	I	*	Incomplete Grade
	IP	*	Course in Progress
	TC	*	The student meets all Canadian University Dubai course requirements via transferred/documented equivalent courses taken/passed at another accredited university.
	WN	*	Withdrawal - Without Academic Penalty
	P	*	(Pass)

* **Not computed in GPA.**

- Masters Programs (MBA, MSc. …) standard pass mark in each course is 60 percent © (2.00)
- Cumulative GPA is computed only for courses taken at Canadian University Dubai.
- When a course is repeated the highest grade of the two attempts is considered in the computation of GPA and cumulative GPA, but both grades are shown.
- Six credits (two courses) from 36 credits (12 courses) can be transferred. Limited to students in good academic standing.
- No transfer credit for MBA-648 (Business Strategy).

i. Semester Grade Point Average:

The Semester (term) Grade Point Average (GPA) is simply the weighted average of the grades obtained in the courses registered in the semester, where the weight of each course is based on the number of credit hours.

For example, if a student obtained the following grades in a given semester:

Course Name	Credit Hours	Letter Grade	Grade point
Course 1	3	C	2.0
Course 2	2	A	3.8
Course 3	4	D+	1.5
Course 4	3	B	3.0

The Semester Grade Point Average (GPA) will be computed as follows:

$$\text{GPA} = \frac{2*3+3.8*2+1.5*4+3*3}{3+2+4+3} = 2.38$$

ii. Cumulative Grade Point Average:

A students' GPA is based on courses completed at this University. The semester or TGPA and the cumulative or CGPA is based on the weighted average of the grades obtained in all courses where the weight of the course is its number of credit hours. The program GPA (PGPA) includes only those courses that apply to the degree. If a course is repeated both grades will appear in the transcript, but only the higher grade will be used to calculate the GPA. Averages are truncated to two decimal points.

c) Incomplete Grade (I)

Students whose course work is at a passing level but who for verifiable reasons beyond their control are unable to finish course work and have not obtained a passing grade by the end of a term (or the specified end of a course) may be granted a grade of "Incomplete" (I).

The "I" is not intended to be a permanent grade nor may it be used for a missed exam. It is only a temporary acknowledgment of a legitimate reason for granting a one-time, limited extension to the time normally allowed to complete all course work requirements.

Applications for incompletes must be paid in full and submitted prior the commencement of the final examination period and must be approved by the Faculty and Dean and submitted to the Office of the Registrar.

Students may be granted up to twelve (12) calendar months after the scheduled end of the course to complete required additional work as determined by the Faculty/Instructor who assigned the "I" and to thereby qualify for a passing grade.

After the approved period to complete the remaining coursework has lapsed, outstanding "I" grades are converted to Fail "F". Thereafter, the student must repeat the course in order to achieve a passing grade.

The number of "Incomplete" courses allowed per semester is established by the faculty of the department. Please contact the associated faculty office for further information.

***NOTE**: An Incomplete grade for a pre-requisite course must be completed before the student is allowed to proceed to the higher-level course unless otherwise approved by the appropriate Academic Administrator (Dean or designate).*

d) Repeated Courses (R)

If a student repeats an identical course and thereby achieves a higher grade, the new/higher grade will supersede the previous grade in the calculation of the Cumulative GPA and the original lower grade will not be included in the Cumulative Grade Point Average (GPA). It should be noted that the higher grade (of the two attempts on the course) is used for the CGPA calculation, but both grades are recorded and appear on the academic transcript.

e) Course in Progress (IP)

A grade of 'Course in Progress' (IP) - implying a continuation of coursework - may be designated when the timeline of a course is not consistent with the end date of the semester.

On completion of the course, the relevant Letter Grade and Numerical Value, as applicable, will replace the previous IP Grade.

***NB**: IP grades are not included in GPA calculation.*

10.8 Grade Appeal Policy

The University is committed to providing an environment of research, teaching and learning of the best possible quality. This is inclusive of the processes that are used to ratify marks, to assess students for progression within a program of study, or to determine an award.

It is the responsibility of all students to review and abide by the academic policies and procedures of the University. Students are also responsible for their personal academic choices and decisions and for meeting the standards set for academic achievement within each program of study they enroll in.

In some instances, a student may not agree with the academic decision(s) of an academic professional. The University provides an appeals process, for the benefit of all parties, so that the student may request an academic decision to be re-considered. Such appeals are a petition to change a decision that has been made regarding an academic matter. The foundation for such an appeal may be that, in the opinion of the student, the original academic judgment was unfair, or that the academic policies of the University were incorrectly applied.

10.8.1 Principles

The University Appeal procedure for students is based on the following principles:

- Procedures and processes employed to resolve an Appeal are fair and must be seen to be fair
- Confidentiality must be respected for all parties concerned, except when there is a legal requirement to divulge information
- All staff involved in the resolution of an Appeal must act with impartiality and objectivity throughout and ensure that all conclusions drawn are based on a fair review of all the facts and opinions available
- Appeals are handled in a timely manner with clear outcomes
- After the review, the committee may decide to revise the grade - up or down.

10.8.2 Procedures for Appeals of Academic Decisions

An informal resolution procedure also exists as part of the University Appeals process in conjunction with the procedure for a formal appeal of an academic decision. The University strongly encourages a student to first make an attempt at an informal resolution of an issue with his/her Professor before making a Formal Appeal.

If the student is dissatisfied with the outcome of an initial informal meeting with his/her Professor, the formal process may then be initiated without prejudice.

The Office of the Registrar is responsible for administering the appeals process and on receipt of an Appeal against a grade or mark. The Registrar will convene an Appeals Committee consisting of at least three persons.

This Committee will consist of the Registrar who will be the Chair, a non-academic member responsible for safeguarding the interests of the student and a subject matter expert who is not the Academic who awarded the original grade or mark.

The Committee may call upon the student or Professor concerned if necessary.

a) Procedure for Instigating an Appeal against a Grade or Mark for Undergraduates

- Appeals will only be considered for final examination marks
- Students should complete the Grade Appeal Form and submit to the Office of the Registrar within ten (10) working days of receiving the grade or mark in question
- The applicable fee must be paid at this stage in order to instigate the formal Appeal process
- The decision determined by the Appeals Committee will be conveyed in writing to the student within ten (10) working days of the start of the Appeal process
- The decision of the Appeals Committee will be final

b) Procedure for Instigating an Appeal against a Grade or Mark for Masters Students

- Appeals will only be considered for final examination marks
- Students should complete the Grade Appeal Form and submit to the Office of the Registrar within seven (7) working days of receiving the grade or mark in question
- The applicable fee must be paid at this stage in order to instigate the formal Appeal process
- The decision of the Appeals Committee will be final

11 Progression Policies

11.1 Progression Policy for Undergraduate Studies

Academic Standings and Progression towards Graduation

Prior Academic Standing	Current Semester		New Academic Standing	Normal Course Load (credit hours) to be registered	Recommendations
	SGPA	CGPA			
Clear	$G \geq 2$	$G \geq 2$	Clear	See program requirements	None
	$1 \leq G < 2$	$G \geq 2$	Conditional	Normal load – 3	None
	Other	Other	Probation	Normal load – 6	Repeat courses when possible
Conditional	$G \geq 2$	$G \geq 2$	Clear	See program requirements	None
	$1 \leq G < 2$	$G \geq 2$	Conditional	Normal load – 3	None
	Any	$1 \leq G < 2$	Probation	Normal load – 6	Repeat courses when possible
	Any	$G < 1$	Suspended	0	See advisor
Probation (**)	$G \geq 2$	$G \geq 2$	Clear	See program requirements	None
	$G \geq 2$	$G < 2$	Probation	Normal load – 3	Repeat courses when possible
	$G < 2$	Any	Suspended	0	See advisor

(**): Students are allowed to change major or remain on probation during three consecutive semesters. At each semester on probation, the load is reduced by three credit hours. If a student fails to clear his/her academic standing at the end of the third semester, he/she will be dismissed from the program.

- *For the Summer session, the normal course load is six credit hours.*
- *Under exceptional conditions, students may increase their normal Fall and Spring semester course load by 3 credit hours, or register up to nine credit hours in the Summer session if:*
- *The student's grade point average (CGPA) is at least 3.5 in the preceding semester, or the student expects to graduate at the end of the semester, and their CGPA is at least 2.0.*

11.1.1 Academic Standing

For each University term, every undergraduate student is required to achieve, both a Term Grade Point Average (TGPA) and a Cumulative Grade Point Average (CGPA) of at least 2.0. Every student will be awarded one of the following academic standings as a result of the formal course grades that they have achieved at the conclusion of each University term:

a) Clear Academic Standing

The following is applicable to students with the status of Clear Academic Standing at the beginning of the academic semester:

- Achieving a Grade Point Average (GPA) of at least 2.00 in both the Semester and Cumulative GPA will result in continuing Clear Academic Standing
- Achieving a Semester GPA of 1.00 to 2.00 with a Cumulative GPA 2.00 and above will result in Conditional Academic Standing

Not achieving either Clear or Conditional Academic Standing (as described above) will result in Probationary Academic Standing.

b) Conditional Academic Standing

The following is applicable to students with the status of Conditional Academic Standing at the start of the academic semester:

- Achieving both a semester and Cumulative GPA of at least 2.00 will result in Clear Academic Standing
- Achieving a Semester GPA of 1.00 to 2.00 with a Cumulative GPA of 2.00 and above will result in Conditional Academic Standing
- Achieving a minimum Cumulative GPA of 1.00 and not qualifying for Clear Standing as described above will result in Probationary Academic Standing
- **Achieving a Cumulative GPA below 1.00 may result in Academic Suspension**

c) Probationary Academic Standing

The following is applicable to students with the status of Probationary Academic Standing at the start of the academic semester:

- Achieving both a semester and Cumulative GPA of at least 2.00 will result in Clear Academic Standing
- Achieving a semester GPA of less than 2.00 will result in Academic Suspension

A student not meeting either of the two criteria as described above will continue to hold Probationary Academic Standing.

11.1.2 Normal Course Load per Program

Department and Programs	Credit Hours
Department of Architecture	
Bachelor of Architecture	18
Bachelor of Science in Architectural Studies- Building Information Modeling	18
Bachelor of Science in Architectural Studies- Sustainability	18
Department of Interior Design	
Bachelor of Science in Interior Design	18
Department of Computer Engineering and Computational Sciences	
Bachelor of Computer and Networking Engineering Technology	18
Bachelor of Science in Computer Science	15
Bachelor of Science in Cyber Security	15
Bachelor of Science in Software Design	15
Department of Electrical Engineering	
Bachelor of Science in Electrical Engineering in Electronics	18
Bachelor of Science in Electrical Engineering in Mechatronics	18
Bachelor of Science in Electrical Engineering in Telecommunication	18
School of Management	
Bachelor of Business Administration in e-Business	15
Bachelor of Business Administration in Marketing	15
Bachelor of Business Administration in Human Resource Management	15
Bachelor of Business Administration in Accounting & Finance	15
Bachelor of Business Administration in International Business	15
Bachelor of Business Administration in Events & Tourism Management	15
Bachelor of Business Administration in Forensic Accounting	15

Department and Programs	Credit Hours
Bachelor of Business Administration in Luxury Marketing	15
Bachelor of Business Administration in Operations and Supply Chain Management	15
Bachelor of Business Administration in Sport Management	15
Department of Communication and Media	
Bachelor of Arts in Communication - Advertising and Integrated Marketing Communications	15
Bachelor of Arts in Communication - Digital Media and Journalism	15
Bachelor of Arts in Communication - Public Relations	15
Department of Creative Industries	
Bachelor of Arts in Creative Industries	15
Department of Public Health	
Bachelor of Science in Public Health - Environmental Health Management	15
Bachelor of Science in Public Health - Health Administration	15
Department of Social Sciences	
Bachelor of Arts in Psychology	15
Bachelor of Arts in Psychology (Arabic)	15
Bachelor of Arts in Applied Sociology (Arabic)	15

11.2 Progression Policy for Masters Programs

11.2.1 Academic Standings

For each University term, every Masters student is required to achieve, both a Term Grade Point Average (TGPA) and a Cumulative Grade Point Average (CGPA) of at least 3.0. Every student will be awarded one of the following academic standings as a result of the formal course grades that they have achieved at the conclusion of each University term:

a) Clear Academic Standing

The School of Management requires that its Masters students have a CPGA of at least 3.0 without any un-waived 'F' grade for maintenance of Clear Academic Standing in Masters programs, and for graduation from the program.

Courses can be repeated to raise the CGPA to 3.0 or above. A student can repeat up to 3 courses. The same course can be taken up to 3 times. If a student repeats an identical course and there by achieves a higher grade, the new / higher grade will supersede the previous grade in the Cumulative GPA (CGPA) and the original lower grade will not be included in the Cumulative GPA (CGPA). It should be noted that the higher grade (of the two attempts on the course) issued for the CGPA calculation, but both grades are recorded and appear on the academic transcript.

- A compulsory course with an 'F' grade must be repeated immediately during the next term. An elective course with an 'F' grade can either be re-taken or another elective course may be taken to fulfill the elective requirement.
- Masters foundation courses do not carry credit towards the Master's degree but require a passing grade of "P".
- A grade of "B" or higher must be earned for all Masters coursework transferred from another institution. The School of Management will not include transferred coursework in the calculation of the student's CGPA.

Considering that students must maintain a CGPA of at least 3.0 in each term, when term grades become available, students who fall below the acceptable CGPA standard will be notified of their conditional/probationary status as per the procedures described below ("University Conditional/Probation"). Students must be aware of their University status at all times.

b) Conditional Academic Standing

If a student is in a Clear Academic Standing and fails to maintain a minimum CGPA of 3.0 or above at the end of the term, or obtains an 'F' grade, he will be put on Conditional Academic Standing.

The student is allowed to register and proceed in their chosen program of study as if having Clear Academic Standing. However, during the 'conditional' term the student must achieve the specified grades that will result in Clear Academic Standing by the conclusion of the Term – otherwise their standing will be downgraded to that of Probationary.

c) Probationary Academic Standing

If a student is in a Conditional Academic Standing and fails to achieve a minimum CGPA of 3.0 or above at the end of the term, or obtains an 'F' grade, he will be put on Probationary Academic Standing.

This standing allows the student to register and proceed in their chosen program of study but the student must meet their University Advisor immediately to develop a mutually agreed plan of study to enhance the prospect for progression beyond the probationary period. Failure to do this within the first ten (10) days of the probationary term will result in the cancellation of course registration for that current term.

During the 'probationary' term the student must achieve the specified grades that will result in Clear Academic Standing to advance to the next term.

- Students with a total of three failing grades in the same course will be dismissed from the program.

11.2.2 Time Limit

All requirements for a Master's degree must be completed within a 4-year period beginning with the student's first term of enrolment in a 500 level course.

11.2.3 Continuation in the Program

Masters students who are unable to comply with the requirements of the University probation policy or cannot achieve a minimum CGPA of 3.0 by repeating courses within the allowed limits or failed the same course three times are subject to dismissal from the program by the registrar. In addition, students in a Master's program can be dismissed by the registrar for violations of Canadian University Dubai's University Integrity Policy such as plagiarism or cheating on exams. Students that cannot continue in a Master's program have the right to appeal the decision to the School of Management. The staff of the School of Management will work with individual students to help them understand University requirements and their responsibilities in the appeal process.

11.3 Applying for Re-Admission After Suspension

At the end of a period of Academic Suspension, the student is required to meet his/her Academic Advisor and complete the Registrar's 'Readmit/Program Transfer' form which must then be signed by all the relevant parties.

If the student is successful in being re-admitted to the study program, he/she will hold the status of Probationary Academic Standing and therefore must immediately meet with the Academic Advisor to develop a mutually agreed probationary plan of study. Failure to do so within the first ten days of each and every semester of the Probationary Academic Standing will result in the cancellation of course registration for that current semester.

12 Final Examination Policy

All written final examinations are scheduled by the Office of the Registrar. If the course uses a presentation as the terminal assessment method, these should be scheduled during the regular class periods to ensure that students are not required to appear during the final exam period for anything other than a final exam scheduled by the Office of the Registrar. Written projects and papers can, however, have deadlines for delivery during the final exam period.

12.1 Final Examination Attendance

Final examination attendance is compulsory and takes place at the conclusion of each and every term. Students must make themselves available for their scheduled examination timings. Students must not make any arrangements that clash with their scheduled exam timings and should not leave Dubai prior to completing their final examinations.

12.2 Examination Conflict and Special Considerations

If a student is scheduled for more than two examinations in one day, or has overlapping examinations, the student must report to the Office of the Registrar by the end of the first week after the final exam schedule has been released to make the necessary adjustments to his/her schedule. A student with special needs that requires specific arrangements to enable the writing of exams must submit their requests at least three weeks prior to the examination date to their Academic Advisor. Changes in the dates or times of scheduled examinations cannot be approved.

12.3 Deferred Final Examinations

Final examinations cannot be deferred. If a student is unable to take a final exam or otherwise complete the course requirements, they can attempt to obtain a grade of “Incomplete” by visiting the Office of the Registrar to fill out the application form. Students may only apply for this concession if they have a passing grade in the course at the time of application. This application must be received in advance of the final examination.

12.4 Missed Exams

The missed exam policy applies to midterm and final examinations only. Students must complete a missed exam application from and pay the associated fees within three (3) working days of return to University following events which lead to the missed exam. All supporting documentation should be attached to the application form and submitted to the Office of the Registrar.

Valid reasons for a missed assessment may include but are not limited to;

- Travel (for urgent and verifiable medical reasons)
- Hospitalization (for emergency treatment or surgery, serious illness, contagious conditions only)
- Escorting a relative for medical reasons (as the Government authorized chaperone of that relative)
- Death in the family (with supporting documentation)
- Valid sick leave (DHA attested)
- A car accident on the day of the assessment (with supporting verifiable documentation)
- Extenuating personal circumstances (as documented and verified by the student Counsellor)

Approved missed exams will be scheduled by the course Professor/Instructor within one (1) week of the approval of the Dean or designate and shall be scheduled no later than two (2) weeks into the subsequent semester/term.

Note: *The original grade will remain on the student record until the student has completed the missed exam and a new grade is recorded.*

12.5 Exam Invigilation

Canadian University Dubai maintains a zero-tolerance policy regarding all academic misconduct encountered during an exam. Academic misconduct includes but is not limited to: copying, or attempting to copy, the work of others; communicating with others during the exam (other than an invigilator), by any means such as whispering, using hand motions or passing written /text messages; and being in possession of any unauthorized materials and/or electronic devices during the exam.

All examinations may be recorded by digital media (photo, video and/or audio). This digital record may be reviewed when allegations of academic misconduct are raised. Digital records will be kept confidential and securely maintained. As per Ministry of Education regulations "It is strictly prohibited for students to carry a mobile phone or any other electronic device inside the exam hall where exams are being administered. Just being caught in possession of any such devices will be considered cheating and the student will be punished by the penalty for cheating"

13 Graduation Policy

13.1 Application for Graduation

Before completing an application for Graduation students must complete the following steps:

- Students are required to review their academic record against academic requirements for graduation.
- Review current academic progression and grades with their academic advisor.
- Each student must ensure that he/she is in good financial standing with the University and that all fees and financial obligations have been met.
- Complete an Application for Graduation Form, which is available on the Student E-portal or from the Office of the Registrar, and submit it to the Office of the Registrar, together with the applicable fee, during Graduation fairs. These are held each spring semester of the academic year of Graduation.
- Once an application for graduation has been completed and filed the Office of the Registrar will begin to process all the necessary information for final certification in preparation for graduation.
- Only students who have successfully completed the degree requirements and have no holds by the end of the semester that they have applied to graduate are certified for the conferral of the respective degree.
- Degrees are only granted at the completion of the semester in which requirements have been met. Conferral of the degree and the date of graduation are noted on the permanent records of the graduate held by the University.
- Only one certificate will be issued for Canadian University Dubai graduates that have completed a program with a dual major concentration. The process of issuing certificates for dual major concentration requires handover of the initial certificate that has been issued by Canadian University Dubai. The new certificate with the dual major concentration replaces any previous certificate issued by Canadian University Dubai.
- Students' certificates will be ready within 2 months after passing the last course of the program.

13.2 Academic Requirements for Graduation

- Students must have passed and completed the required number of credit hours for their program of study
- Have completed the program within the following time limits:
  - For full-time programs: twice the length of the regular program
  - For part-time programs: the maximum number of years is the number of required one semester courses (or equivalent thereof) divided by 3
  - In some exceptional cases, a student may require the written approval from the Dean and/or VPAA to extend the Graduation time limit
  - A student whose studies were interrupted for a period of time will not be eligible to graduate from a program that is no longer offered by the University - unless alternative arrangements are approved by the Dean and VPAA in writing
- Have completed over 50% of the program at Canadian University Dubai

- Have a CGPA of 2.0 or above (Undergraduate) and CGPA of 3 and above with a minimum grade of B in all courses (Masters)

For attendance at the convocation ceremony held during the spring semester each academic year:

- Undergraduate students will have no more than 27 credit hours to complete including Spring Semester courses by the close of Summer 2.
- Masters students should have completed all credit hours for their program by the close of cycle 2 in the Spring Semester
- In exceptional circumstances, undergraduate students may be considered for attendance at the convocation ceremony with up to 30 credit hours remaining (including Spring Semester) on a case-by-case basis. Students should present their situation with supporting documentation to the Registrar for consideration by the graduation committee by the end of February in the year of convocation.
- If students drop courses and their credit hour load to complete their program increases then the offer to participate at convocation will be withdrawn and they will be invited to attend the following academic year, program requirements withstanding.

13.3 Merit Criteria

For Graduation with Honours the following policy is followed:

- CGPA between 3.50 and 3.69: cum laude
- CGPA between 3.70 and 3.89: magna cum laude
- CGPA between 3.90 and 4.00: summa cum laude

13.4 Participation in the Convocation Ceremony

The convocation ceremony for graduating students of Canadian University Dubai is held during the spring semester each academic year Students who meet the University graduation criteria will be eligible to participate in the ceremony.

In order to participate in the Convocation Ceremony, a student must:

a) Complete a Convocation Confirmation Form and pay the accompanying fee to the Office of the Registrar before the end of February in the year of convocation.

b) Identify any special requirements or needs that Canadian University Dubai must address prior to or during the ceremony.

c) Schedule an appointment at a Graduation fair, attendance at which is mandatory for participation in convocation. During the graduation fair complete an Academic Regalia Request Form and official graduation photographs will be taken; cap and gown fittings will be conducted; and all the necessary forms regarding the graduation will be available.

d) Identify on the graduation from the 3 names they wish to appear on screen during convocation. No more than 3 names can be accommodated on screen. Please note that the Graduation certificate will take the students name from their passport copy held on file by the Registrar's office.

e) If a student requires a Letter for Permission to attend convocation for their employer, complete an official letter request form at least one week prior to the ceremony.

f) Attend the rehearsal for the ceremony, held the day before the actual convocation. Attendance of graduating students at the rehearsal for the ceremony is mandatory; if a student does not attend the rehearsal, he or she will not be permitted to attend the convocation.

13.5 Conferral of Degree

Canadian University Dubai Diploma, Certificate of Merit, and Official Transcript will be prepared upon approval of the application for graduation and released on condition that all financial obligations have been satisfied.

Conferral of the degree is noted on the permanent record of the graduate with the date of graduation.

13.6 Name on Degree

The student name printed on Canadian University Dubai's certificate is always in English, and is exactly the same as the name found in the passport belonging to the student. If there is any ambiguity or difficulty in determining the proper name of a student, he/she will be contacted in order to verify the exact name. It is a student's responsibility to inform the Office of the Register of any updates or changes to passports held on file.

13.7 Attestation of Degrees and Transcripts

In order for a student's Canadian University Dubai Degree, Diploma, Certificate of Merit, and Official Transcript to be attested, the attestation process, as outlined by the Ministry of Education, UAE, must be completed by the student. Please see the guidelines as per the Ministry of Education – website: https://www.moe.gov.ae/En/EServices/ServiceCard/pages/attestationregenrolled.aspx

14 Student Academic Rights and Responsibilities

14.1 Student Academic Rights

It is the right of the students to:

- Be informed of their program and course requirements;
- Be individually assessed based on their academic performance (attitude, knowledge and skills) as mandated by a professor consistent with a course;
- Engage in free and open conversation, investigation, and expression, in the classroom, laboratory or any type of session;
- Experience a proficient education and academic advising;
- Be skeptical of data or personal views presented, and may reserve judgment around matters of opinion;
- Presume protection against a teacher's unfitting exposé of the student's view, and belief that might arise as a result of, but not limited to, teaching, advising, or counselling;
- Presume protection, through recognized processes against prejudice or impulsive evaluation or assessment.

14.2 Student Academic Responsibilities

It is the responsibility of the student to:

- Question course requirements if they are not clearly understood them;
- Uphold the academic standards in performance as established for individual programs and courses of study;
- Lead an inquiry if they think that their academic rights were violated. (See Appeals Process for Airing Student Grievances section).
- Learn the material associated with their program and associated courses;
- Perform according to the academic norms and standards of behavior.

15 Student Code of Conduct

Canadian University Dubai's students are the true ambassadors of its Mission and Vision. Students are expected to respect the rights and privileges of others, to maintain professional ethics, and to display honesty and integrity. Unacceptable conduct includes, but is not limited to:

15.1 Unacceptable Conduct

15.1.1 Unacceptable Conduct: Academic

- Disturbing teaching activities,
- Cheating on an exam,
- Violating examination rules,
- Plagiarizing assignments or course work,
- Partaking in academic dishonesty

15.1.2 Unacceptable Conduct: University Premises

- Fabricating information in any form, submitting falsified material to any University office, or presenting a false statement in any University disciplinary proceeding,
- Forging, altering, or misusing a University identification card, documents, or keys without the consent of the relevant authorities,
- Causing deliberate or thoughtless damage or destruction to University property on or off premises or belonging to others including but not limited to graffiti, destroying or removing advertisements,
- Unauthorized entry or trespassing,
- Occupying all or part of any University building, hindering or intimidating any persons, or threatening persons with forcefulness with the aim of:
  - Hindering or stopping normal functions of the University.
  - Preventing anyone from going about in a lawful manner.
  - Stopping specific activities related to the University.
- Falsifying one's ID or failing to show ID to an identified official or employee of the University,
- Failing to obey University officials engaged in University activities,
- Damaging the reputation of the University through improper conduct,
- Violating the Acceptable Use Policy,
- Stealing, being accessory to theft, and/or possessing stolen property,
- Improper use of University property in a manner contrary to its designated purpose including misuse of accommodation hall amenities and furniture,
- Disrupting a class, classroom, or other University unit, or campus activity by any means including but not limited to noise, projectiles, or other form of disturbance or disruption,
- Aiding, abetting, leading, encouraging causing or participating in a riot, including but not limited to food fighting, on University property or during a normal University activity,
- Removing without authorization or mutilating library materials,
- Betting: students may not gamble or bet on University property in any way, shape, or form,
- Bringing unauthorized visitors onto University premises,
- Disobeying University rules governing the use of its facilities.

15.1.3 Unacceptable Conduct: Student Safety

- Harassing, assaulting, or using physical violence against others,
- Jeopardizing the safety of others or violating human rights,
- Participating in individual or group activities that deliberately or irresponsibly cause serious disorder or suffering to others,
- Possessing dangerous weapons such as, but not limited to firearms, on University property,
- Intentionally possessing or using a dangerous artifact or substance that could harm or distress any person on University property,
- Possessing and/or using fireworks,
- Impersonating another student with or without his consent.

Any student who believes that he or she has been the subject of harassment or observed any type of harassment must communicate this incident to the Dean of Student Affairs.

Canadian University Dubai has **zero tolerance** for any type of harassment.

15.1.4 Unacceptable Conduct: University Property

A student commits a property offence when she/he:

- Holds, eliminates, uses, embezzles, or sells property owned by the University, or
- Damages or vandalizes property owned by the University.

Aiding or abetting any conduct or behavior mentioned above is unacceptable and will not be tolerated.

15.2 Student Dress Code

As ambassadors of the University, students observe high standards of personal appearance at all times. Students must observe the UAE's cultural norms for female and male attire.

Dress standards are part of the culture and socially accepted norms of ethics and are strongly associated with the identity, traditions, beliefs and values that are deeply rooted in United Arab Emirates society.

a) Dress Regulations Standards for Male Students

- Students shall wear the male National costume (Kandura) in traditional colours acceptable by the UAE and GCC male communities. Students may also wear a suitable head-cover including Guthra, Ogal or any other acceptable head covers.
- Full-length trousers are preferred on campus. Shorts should be down to the knee to be sure of causing no offence. Very short shorts and cycling shorts that reveal certain contours, boxer shorts, etc. are prohibited. Underwear should not be visible.
- Long-sleeve shirts and elbow–length shirts are permitted on campus. Short shirts that reveal the entire arms are prohibited.
- Sport uniforms are only allowed at sports' facilities and they are totally prohibited in classrooms.

b) Dress Regulations Standards for Female Students

- With regard to UAE National costume including Abaya and Sheila; Abaya made of male Kandura cloth or designed in a male Kandura fashion is totally prohibited.

- Tops or any similar dresses that reveal the shoulders or the full arm, such as spaghetti tops, very tight and/or low-cut tee-shirts are not allowed. Nevertheless, long-sleeve or elbow-length tops are permitted.
- Skirt length below or too the knee is fine.
- Sport uniforms are only allowed at sports' facilities and they are totally prohibited in classrooms.
- Excessive hair style or extravagant hair dyes are not permitted.

Don't wear anything that might be regarded as offensive. For example, tee shirts with offensive slogans or pictures, obscene language or gestures, anything that might cause religious or cultural offence, etc. If you have to ask whether it's acceptable or not, assume it isn't.

15.3 Smoke Free Campus Environment

Canadian University Dubai is a smoke-free establishment. In order to promote and maintain a healthy environment at Canadian University Dubai, and to promote the prevention of illness and encourage students, staff and faculty to lead a healthy lifestyle, a smoke-free campus environment policy has been created to reduce the use of tobacco products on campus. The objectives are to reduce the number of smokers on campus and to support those who wish to stop smoking; through raising awareness on the dangers of smoking and educating young adults with an aim to ensure they do not pick up the habit. To create awareness amongst the university community about the dangers of smoking regular no-smoking campaigns are showcased throughout the year, in conjunction with the Ministry of Health.

Tobacco products include - but are not limited to - any lighted cigarette, cigar, pipe, midwakh, dokha, bidi, electronic cigarette or any other smoking device, along with any form of smokeless or spit tobacco such as dip, chew, or snuff. Each and every member of the University community is responsible for maintaining this policy.

a) Procedure

Those responsible for the application of the policy are the Security Supervisor and Security Staff, Student Affairs Division, and the Human Resources Department.

b) Warning System

There is a three-point warning system in place for Canadian University Dubai students caught smoking inside the campus.

- **First time violation**: the student will be given a verbal warning (University Security or Student Affairs Division) and their Canadian University Dubai ID will be confiscated. The student will need to register with the Security Supervisor and can collect the ID card one week after the incident.
- **Second time violation**: should the student be caught violating the policy a second time, he or she will be given a first official warning letter (Student Affairs Division), which will be placed in his/her file.
- **Third time violation**: a third violation will lead to a final warning letter (Student Affairs Division) or possibly putting the student on registration hold for one semester. The case will be sent to the disciplinary committee.
- Disciplinary committee decision will be taken, and student will be informed accordingly.
- Students have the right to appeal the committee's decision (in writing) to the President's Office.

15.4 Dismissal from Class

If the behaviour of a student interferes with the learning process or endangers the integrity/safety of the classroom environment, then the faculty member will be compelled to ask the student to leave the room or seek assistance to have the student removed.

For the process to determine additional or further sanctions, please refer to the Student Disciplinary Policy.

15.5 Student Disciplinary Policy

Students accused of objectionable behavior may be subjected to an array of reprisals, actions, and penalties as per Canadian University Dubai policy. Behavior-on or off campus- that violates the University's standards of good conduct, or that present a hazard to the health and safety of the University community, may be subject to disciplinary actions.

A student under expulsion or suspension due to unacceptable behavior will not be permitted access to the University premises, which include the campus, its facilities, and the student accommodation. The student might be allowed to have access to the University premises if he or she is invited by the University Authority, or for a scheduled appointment, made by the student, with the University Authority.

15.6 Conduct of Violations and Disciplinary Actions

The Dean of Student Affairs often resolves through mediation all conduct issues occurring on premises. However, in serious cases, the Dean of Student Affairs will refer the violation to Canadian University Dubai's Disciplinary Committee. The following is a summary of possible violation and their corresponding disciplinary actions.

Violation	Committee / Overview	Actions
Inappropriate behavior in Class	Disciplinary Committee	Printed Warning Probation Expulsion
Vandalism	Disciplinary Committee	Printed Warning Probation Reimbursement or Replacement Expulsion
Dress Code Violation	Disciplinary Committee	Printed Warning Probation Expulsion
Theft		Expulsion
Possession of Alcohol or Drugs on Campus		Expulsion
Gambling		Expulsion

The actions are considered misconduct if they take place on Canadian University Dubai property/premises or elsewhere if the student concerned was involved in a University activity, was representing the university, or was present at that place by virtue of his or her status as a student at Canadian University Dubai, including any work placement.

Any such incidences of misconduct will be dealt with on a case-by-case basis.

15.6.1 Types of Warning and Actions

a) **Verbal Warning:** A verbal warning is given by the Dean of Student Affairs to a student whose conduct or behavior violates the University's Code of Conduct.

b) **Written Warning:** A written warning is given to the student by the Disciplinary Committee. The warning will state that another violation of the University's code of conduct may result in additional disciplinary measures.

c) **Probation Warning:** The probation warning is given to the student by the Disciplinary Committee. This probation warning indicates that the student behavior and conduct will be carefully monitored for a certain period of time. Any misconduct may lead to further disciplinary action.

d) **Reimbursement or Replacement:** Any damage to the University's property will require payment, repair or replacement of the damaged good. Failure to pay may result in preventing the student from registering or obtaining his transcript.

e) **Mandatory Labor:** Disciplinary action due to a conduct violation may on occasion encompass mandatory labor on campus. This type of action may be alternatively proposed by the Disciplinary Committee

15.6.2 Disciplinary Committee

The Disciplinary Committee will oversee all student misconduct and decide on the consequences to the alleged breaches of Canadian University Dubai's Conduct Code. The Disciplinary Committee is chaired by the Dean of Student Affairs.

a) **Procedures**

- Anyone from Canadian University Dubai Community (faculty, administrator, staff or student) who believes that a violation of the Conduct Code has been committed must inform the Dean of Student Affairs in writing.
- The Dean of Student Affairs will amass and examine evidence relevant to each particular case.
- The Dean of Student Affairs will, based on their investigation, decide to refer, or not refer, this case to the Disciplinary Committee.
- The student maintains the right to appeal their case to the University's President.
- The Dean of Student Affairs will select three administrators and four faculty members to sit on the Disciplinary Committee.

b) **Communications to the Student Regarding Conduct Violations**

- The Disciplinary Committee will take an acceptable amount of time to plan and conduct its investigation. The investigation will include: Student(s) and witness interviews; and, if needed, preparation of the witness for testimony (ies), and collection of evidence.
- The Disciplinary Committee will inform the student on paper of the alleged violation of Canadian University Dubai's Code of Conduct and of the verdict reached by the Disciplinary Committee, as well as the disciplinary measures
- The student will have 72 hours (three class days) to appeal the decision of the Disciplinary Committee to the President prior to any final disciplinary action. The President will reply to the appeal in writing. A duplicate of the response will be sent to the Dean of Student Affairs.

- The President has the right to overturn the decision of the Disciplinary Committee; the President's decision is final.

c) Disciplinary Committee Hearing

- The Dean of Student Affairs will update all members concerned in the disciplinary action as to the confidentiality of the case.
- The Dean of Student Affairs will present a summary of the case.
- The student who allegedly violated the Code of Conduct must appear at the scheduled hearing.
- If the student cannot appear for exceptional reasons, he or she must inform the Dean of Student Affairs and must present documentation supporting his or her emergency.
- The Disciplinary Committee may call in witnesses.
- The Disciplinary Committee will question the student who violated the Code of Conduct.
- The Disciplinary Committee will examine, and conclude, by means of assigning appropriate remedial disciplinary actions based on the case.
- The Dean of Student Affairs will prepare a letter informing the accused of the Disciplinary Committee's decision.
- The letter will be stored in the student's folder held in the Registrar's Office.

d) Process for Appeal

Students may appeal the Disciplinary Committee's decision within 72 hours (three class days) to the President of the University.

The President can overturn the decision of the Disciplinary Committee; a letter bearing the results will be sent to the Dean of Student Affairs. The President's decision is final.

15.7 Student Complaints

Students can expect an excellent education at Canadian University Dubai. Nevertheless, a student may question, complain, or grieve certain materials or issues pertaining to their involvement at the University.

For quality assurance, the internal procedures for addressing student complaints aim for transparency and due process thereby ensuring student complaints are addressed impartially, reliably and punctually.

a) Principles

The University's student complaint resolution process is based on the following principles:

- Fair and equitable procedures are used to review and resolve the student complaint.
- Privacy and anonymity is assured for all parties, except for use of information as authorized by law;
- Fair and respectful proceedings during the entire search, deliberation, and conclusions by all involved.
- No retaliation or any shortcoming arising from a student complaint made in good faith.
- Timely handling of complaints with measurable deadlines identified at each stage of the resolution process.

- Timely and regular communication of the case process, progress, and result; Access to-, and option to move to a higher internal level in case the student requires a review based on technical or practical grounds.

b) Types of Student Complaints

i. Academic Complaints

Complaints against academic conclusions include but are not limited to:

- Academic advancement decisions.
- Assessment substance.
- A conclusion by an academic person that affects an individual or a group of students.
- Matter or structure of academic programs, method of learning, teaching, or assessment.
- Questions relating to authorship and intellectual property.

ii. Administrative Complaints

Administrative Complaints relate to conclusions and actions associated with administrative or academic facilities, which include but are not limited to:

- Policies pertaining to administration, procedures and rules by central administration, student support groups, and faculties.
- A conclusion taken by an administer that affects an individual or groups of students.
- Access to University resources and facilities.

c) Complaint Resolution Procedures

This segment summarizes the internal processes applicable to academic and administrative complaints.

i. Informal Approach

- The student concerned about an above-mentioned item should first contact the person involved in writing. If the student cannot reasonably contact this person or resolve their issue at this level, then the student should contact the Leader of the relevant department or of the administrative unit or the Program Leader or the Dean of the School / Department for a discussion. Concerns about a resolution at any of the steps mentioned above should ordinarily be raised to the Chair of the committee. The complaint must be delivered in writing within 15 days of the original incidence.
- The University anticipates that in most instances the discussion of the concern with a pertinent staff member will result in the quick resolution of the matter to both parties' satisfaction.
- If the issue is not resolved, then the student may contact his Academic Advisor who will direct him to the appropriate individual who will address the case.
- The student has fifteen days following an incident to lodge a formal complaint if the issue is not resolved

ii. Formal Approach

If the complaint deals with an academic matter, it should be addressed to the Vice President of Academic Affairs; if the complaint is regarding student support services, it should be addressed to the Dean of Student Affairs; if the issue deals with an administrative or financial matter, the complaint should be addressed to the Vice President of Administration and Finance; if the issue deals with registration matters, the complaint should be addressed to the Registrar.

d) Withdrawal of a Complaint

At any time during the informal of formal process, a student may withdraw their complaint, and at that time the matter will be deemed concluded and resolved. In this case, if the complaint was made in writing then a written withdrawal letter must be composed by said student and delivered to the relevant person handling the matter. Canadian University Dubai then considers the case closed.

The Complaint Review Committee is an ad-hoc committee that can be called when a formal complaint is lodged. The Complaint Review Committee consists of three members appointed by the Vice President of Academic Affairs or the Dean of Student Affairs, pending a complaint. For academic complaints, in addition to the VPAA, the Dean of the appropriate School, one faculty member from another Department and the student counsellor are required. For issues concerning academic matters, in addition to the Dean of Student Affairs, one faculty member, one Dean, and the Library Director are required.

15.8 Academic Integrity: Policies and Procedures

a) Purpose

Canadian University Dubai is committed to ensuring that faculty and students adhere to the highest academic standards in terms of ethics, integrity and behaviour. Canadian University Dubai also acknowledges that the trust established between society and the university's graduates must be enforced through a fair and equitable evaluation of student work and the dissemination of strong academic values.

The purpose of this policy is to guide CUD community in understanding in what academic integrity and misconduct are for students, the processes the University will follow when there is a suspicion of student academic misconduct, and the academic penalties and other consequences that may be imposed if students are suspected of engaging or found to have engaged in academic misconduct.

b) Application of the Policy

This policy applies to all current CUD students (undergraduate, and graduate), and applies to all academic activities, whether on or off campuses.

c) Definition

Academic Misconduct: Any behaviour that undermines the university's ability to evaluate fairly students' academic achievements, or any behaviour that could gain students or others unearned academic advantage or benefit. Academic Misconduct includes but not limited to: Plagiarism, including self-plagiarism; cheating; misrepresentation of personal identity; fabrication, unethical behaviour, misuse of IT communication resources and unauthorized use of intellectual property.

The above list characterizes the most common instances of academic misconduct which negatively affect the credibility and value of education and degrees conferred by any university.

Plagiarism: Plagiarism includes, but is not limited to, representation of others' work, lending unauthorized assistance, and using strategies or processes with the aim of attaining dishonest grades. Students must not submit any material created by or acquired from another person or business.

Cheating on Examinations: Cheating refers to attempting to use unauthorized materials or obtaining unauthorized assistance in all types of examinations. This may include impersonating

another student; looking at another student's materials; using unauthorized notes/books/calculators; talking to other students; using communication devices such as mobile phones or any Bluetooth devices.

Information and Communication Technology Misuse: CUD is committed to providing faculty and students with all the required IT resources needed in order to ensure proper delivery of academic programs and access to information. The use of these IT resources should be legal and ethical and should fully comply with Canadian University Dubai ICT-AUP and applicable laws in the United Arab Emirates. The University ICT-AUP can be accessed through the website www.cud.ac.ae.

Fabrication: It refers to the process of inventing or falsifying information in an academic activity. Examples of fabrication may include falsifying the results of an experiment; falsifying a document or research paper; inventing a source that doesn't exist; and/or fabricating data to support claimed results.

Ethical Behavior: Students are expected to fully adhere to the ethical standards mandated by the University and the laws of the United Arab Emirates. Unethical behavior may include misuse of intellectual property and copyrighted materials; dissemination of false information; inappropriate behavior in class; disrespect towards faculty or other students.

Turnitin Software: This software is installed in CUD Learning Management System MOODLE for student and Faculty access.

15.8.1 Anti-Plagiarism Strategies

In order to encourage good academic practices against plagiarism and enforce academic integrity, Canadian University Dubai has adopted the following strategies:

a) The Use of Turnitin Software

Students should run Turnitin software on their work before submission to the instructor. Faculty will access Turnitin through their computers in order to check student work compliance against good academic practices (allowed similarity Indicator).

b) Organization of Workshops

Academic affairs Office should organize, with the help of academic Departments, workshops on good academic practices. These workshops should identify the most frequent forms of plagiarism, ways to correctly acknowledge sources through proper references and the University's policies against plagiarism.

c) Role of Faculty Members

All faculty members must inform their students of the negative impact of plagiarism in the first lecture, and remind their students on good referencing during the session in which they assign projects/ coursework ; they are also encouraged to design the assignments in a way to minimise the likelihood of plagiarism whenever possible; they are also expected to identify if the student is presenting his/her own work during the discussion sessions prior to submission of the work on CUD Learning Information system.

15.8.2 Sanctions Related to Violations of Academic Integrity

a) Plagiarism Offense

Faculty members must report all instances of the academic misconduct to the Program coordinator, with supporting evidences, and indicating whether it is a first offence in his/her course. The program

coordinator makes his recommendation to the Dean who reports the case the Registrar who determines the type of the offence:

- **First Offense:** The offence is considered as a first offence if the student does not have any recorded offence in his file since his enrolment in the University. In this case, the mark zero is assigned for the coursework by the Dean and a written warning to be filed in his/her file in the Registration Department.
- **Second Offense:** The offence is considered as a second offence if the student has one recorded misconduct offence in his file since his enrolment in the University. In this case, the Registrar calls for a meeting of the Disciplinary committee who give an F grade to the course with an automatic suspension of the student from that course, if the plagiarism misconduct is confirmed. Also, a written warning will be filed in the student s file.
- **Third Offence:** If a second offence was already recorded in Student's file since the first semester of study, the Registrar calls for a meeting of the Disciplinary Committee which will automatically fail the student in all courses registered in the semester, and further disciplinary measures, including possible suspension from the program and/or university, for up to two regular semesters, may be recommended by the disciplinary committee.
- **Fourth Offence:** If a third offence was already recorded in Student's file since the first semester of study, the Registrar calls for a meeting of the Disciplinary Committee which will automatically fail the student in all courses registered in the semester, and dismissal from the University will be recommended by the disciplinary committee if the offence is validated.

b) Cheating on Examinations:

If a student is found cheating on an exam, the violation will be communicated to the Exam Violation Committee by the main invigilator by submitting a written report of the incident, along with the work in question and any physical evidence if available (i.e. video recording) to the Chair of the Exam Violation Committee. The committee reviews the incident and recommends the following sanctions:

- **First Offence:** The student will be assigned a Grade F for that course, and a written warning is filed in his/her file in the Registration Department if the Exam Violation Committee confirms the offence.
- **Second Offence:** If the student's record shows that the student is found cheating for the second time since his/her enrolment in the University , s/he will be assigned a grade F in that course and a final written warning is filed in his/her file in the Registration Department if the Exam Violation Committee confirms the offence.
- **Third Offence:** If the student's record shows that the student is found cheating for the third time since his/her enrolment in the University, s/he will be assigned a grade F in that course and disciplinary measure up to dismissal from the University can be recommended by the Disciplinary committee based on the report of the Exam Violation Committee.

c) Appeal:

The student may appeal to the President of the University within 72 hours following the University's appeal policy.

16 Student Records Policy

16.1 Purpose of the Policy

The Student Records Policy ensures that student information:

- Is maintained in a secure environment
- Limits access to confidential information
- Is maintained in a reliable, consistent and accurate manner

The Registrar's Office is the official auditor, recorder and keeper of student records. The Registrar's Office must ensure the accuracy and reliability of data collected and distributed as per the confidentiality and privacy policy approved by the University.

The purpose of this policy is to comply with CAA requirement (6.6 Registration and Records of the *Standards for Licensure and Accreditation 2019*)

Canadian University Dubai respects existing:

- United Arab Emirates laws and any policy instituted by the country and its ministries with respect to the privacy of individuals and the maintenance of records about any individual.
- International standards for record retention in our effort to support Canadian University Dubai applicants, students and alumni world-wide.

Any breach of this policy is subject to legal action.

Authorized Registration personnel that conduct any activity or make a decision that affects the Official Transcript of the student must ensure there is an official record of that decision. The decision must be recorded electronically in CAMS and entered directly or attached to the student's record in CAMS. A physical copy of the decision may be stored, as necessary, in the student's paper file. The official record is the action taken by the user or student in CAMS based on the University's document.

If an academic student record is not referred to in this policy, this policy will be applied to that record. Documentation and forms are created as new procedures are established. This document refers to all student record data.

16.2 Student Information

The student information system responsible for the maintenance of student records is CAMS, a Three Rivers System product.

Within CAMS, the following data must be accurately and effectively maintained to ensure that the student record reflects the progress of the student:

- Admission documents
- Courses and programs of the Student
- Degree audit measurement of the student progression towards degree completion
- A students Academic standing
- Class scheduling together with a record of registration indicating that the right student is registered in the right courses at the right time meeting pre- and co-requisites within the chosen program
- Holds of any kind including academic and tuition or fee assessment

- Merits and any other form of academic recognition

16.3 Procedures

As a result of this policy, the following procedures are required:

- Data custodians must be identified and will be charged with monitoring and auditing systems which contain personally identifiable information, ensuring that the information collected is used only for the purpose for which it was intended and that safeguards protect the privacy of the individuals.
- A retention and disposal schedule for documents and data is identified and complies with United Arab Emirates MOE, CAA and Records management guidelines under FIPPA, Canada (1990)
- Physical shredding of records must be completed in a secure environment
- Training will be delivered on a routine basis to individuals responsible for the creation, storage and maintenance of records.
- This policy and the University's compliance with it will be routinely reviewed in line with the University's policy review guidelines.

a) Student File

The Official File of the student is created through data entry, maintenance and deletion as well as document management within the University's information system. It is also created by scanning versions of required physical documents external to the University.

b) Data Entry

Data that is gathered, entered and stored in the University's electronic data system constitutes the official record of the student where both physical and electronic data records exist.

With respect to scanned documents, the electronic form of the scanned document is the official record where both a paper and electronic version of the record exists.

c) Data Retention

Data within the student record:

- **Physical Records**: External documentation submitted to Canadian University Dubai by applicants, students and graduates is scanned upon submission and electronically attached to the student's record in CAMS.
- **E-records**: Data is created and retained to reflect the academic progress of students.

16.4 Physical Copy Documentation

Fire-proof, secure cabinets within the Office of the Registrar are used to retain the physical version of the student's official Canadian University Dubai record for undergraduate and Masters programs. Access to the Office of the Registrar is controlled by finger print identification assigned to authorized employees of Canadian University and CAMS database is password protected.

16.5 Electronic Data Collection and Dissemination

Data is entered, maintained and deleted in CAMS by authorized users. Documentation is scanned and linked to data in CAMS by authorized users.

Type	Description	Retention
Applicant Records	Any data that supports the applicant's admission into the University	• e-Records are maintained indefinitely. • Physical records are maintained for one year after the acceptance date.
Student Records	Any data related to student's courses, credits, grades, scores on proficiency/ placement examinations, education and enrollment verification, that is: any data that represents the student's academic history	• e-Records are maintained indefinitely. • Physical records are maintained for three years from the date the student record became inactive
Graduate Records	Any data related to student's Graduation namely; Passport, High School Transcript, Equivalency and Graduation Certificate	• e-Records are maintained indefinitely. • Physical records are maintained for three years from the date the student graduated.

17 Student Affairs

17.1 Career Services and Internship Office

In the UAE, the Market needs are changing all the time. This rapid pace makes many demands on the new graduates who are looking for an employment opportunity. Career services and Internship Office has the following two objectives:

i. It assists students in finding internship placements that are related to their field of studies, through its network with many local companies, liasing with the HR department of the companies for finalizing internship offers and terms and conditions, and communicating with registration department for Internship registration after completion of the file which also includes approval of the internship place, and that of the academic department.
ii. It assists students in developing their career goals and objectives by organizing career workshops and posting job opportunities which are available in major companies in different industries. Although this service is aimed primarily for graduating students, all students are welcome to attend. In career workshops, students will learn how to create a professional CV, design a cover letter, advance interview skills, and negotiate an offer. In addition, the library contains a section purely related to career development and job research, and every student is encouraged to use our resources and databases.
iii. It also organizes career day in which employers present their expectations to graduating students.

17.2 Student Success Centre

We pride ourselves on the extensive network of services that we provide to support our students during their studies. Canadian University Dubai aims to ensure student success, whereby each student is empowered to achieve his or her full potential. The ultimate goal is to fulfill a holistic approach so that each graduate will leave with a strong sense of self and is able to make a true difference in his or her career and community.

The Student Success Centre provides the following services to help students during and after their studies:

- Academic support and tutoring are provided free of charge for students requesting additional academic help. This is essential in ensuring our students' academic success.
- Career building, personal growth, and social development are provided to assist students in preparing for life in university and after graduation.

17.3 Personal Counselling

Canadian University Dubai recognizes the incredible pressure on today's student. These pressures can become overwhelming for some students and could lead in some cases to conditions that can jeopardize students' academic success. The aim of the University is to prevent students from either feeling alone or feeling unable to seek help for their problems.

The student counsellor has professional experience and training in order to assist students, whether the issues are emotional, psychological, social or physical. All counselling is done on an individual basis and is strictly confidential. Students will be provided with all the assistance they need and, if necessary, will be referred to outside medical professionals to ensure they get the appropriate help.

17.4 Academic Orientation and Advising

Academic advising is the backbone of any University's education framework system. The University holds orientation sessions at the beginning of each Academic Year, and all new students admitted to Canadian University Dubai programs are requested to attend. Students should refer to the Academic Calendar to find out about the exact dates of the orientation sessions. The students will have a chance to meet with the faculty, program coordinators, and University administrators. During these sessions, students will have a chance to:

- Familiarize themselves with the credit system of education followed by Canadian University Dubai,
- Understand and become familiar with the degree requirements,
- Interpret test and placement scores,
- Clarify major and/or career options,
- Select appropriate courses to optimize their academic performances,
- Understand academic warnings and progression policies,
- Review the academic records of graduating students,
- Familiarize themselves with University services; library, information technology, laboratories, student services, student councils, etc.

For those students who are achieving subpar results in a course or are not performing up to their expectations, a meeting with an advisor will be scheduled.

17.5 Career Placement Services

Part-time work placement assists students wishing to find part-time work while attending University. Canadian University Dubai has relationships with many businesses in Dubai and can be a great asset to any student looking for a part-time job.

Career workshops and career postings assist students in finding a career and preparing for life in the workforce. Although this service is aimed primarily at finishing students, all students are welcome to attend. In career workshops, students will learn how to create a professional CV, design a cover letter, advance interview skills, and negotiate an offer. In addition, the library contains a section purely related to career development and job research, and every student is encouraged to use our resources and our databases.

17.6 Special Needs Services (Accessibility Services)

Canadian University Dubai pledges to provide an inclusive learning environment and to support the cognitive, emotional and creative development of students with special needs.

Canadian University Dubai ensures that reasonable effort is made to accommodate students with special needs such that their program learning objectives are met. Special Needs Services are provided equally through programs and services.

17.7 Student Activities

Canadian University Dubai Student Services organizes activities, clubs, and events that meet the needs of all the students – there is something for everybody. There is no question: studies show that students who have a well-rounded, active lifestyle fare better than the ones who concentrate solely on their studies. Canadian University Dubai encourages its students to participate actively in the life of their University. The activities span across the following areas:

- Cultural Events and Performances

- Athletics
- Community Involvement

17.8 Performance and Cultural Events

With over 100 nationalities represented at Canadian University Dubai, there is an abundance of cultural events held throughout the year. These events celebrate the diverse cultures present at Canadian University Dubai, with food, fashion, art, music and dance performances from countries all over the world. Such events include:

- Global Day
- Entertainment Night
- UAE National Day
- Several other National Days

At all of these events, it is the students who play the main role in representing their own cultures.

17.9 Student Athletics

Understanding that "a healthy body makes for a healthy mind," Canadian University Dubai promotes wellness and organizes many sporting activities on campus. Students can play football, tennis, basketball, cricket, badminton, volleyball, chess and table tennis at either competitive or recreational levels.

Students can participate in any of the existing student clubs or form a new one. Some of the current clubs include:

- Basketball
- Tennis
- Volleyball
- Football
- Badminton
- Table Tennis
- Cricket
- Pool
- Chess

Canadian University Dubai encourages its students to join in inter-university sports leagues and welcomes others to its premises.

Faculty/Staff Role

Every club shall have a faculty member or a staff member as an advisor to ensure that:

All activities/events organized are in accordance with the CUD's Policies and Procedures, and Promotion and advertisement for activities or events are done in accordance with CUD's Policies.

Financial Control in Student-run Clubs

All financial matters of student-run clubs, societies, and activities are handled according to the Financial Policy of the CUD stated in the CUD Policies and Procedures Manual.

17.10 Community Involvement

Canadian University Dubai encourages the cultivation of a positive relationship with the surrounding community in Dubai, and one way in which students can give back to the community is by participating in fundraising activities. The Student Services office is responsible for planning numerous events, all of which have been extremely successful in raising awareness for current issues in the community and around the world. Past events include:

- 5 Days for the Homeless
- The Terry Fox Run
- Movember
- Autism Awareness
- Breast Cancer Awareness

Furthermore, Canadian University Dubai has signed MoUs with Friends of Cancer Patients and Rashid Pediatric Therapy Centre.

17.11 Student Publications

Newsletter:
To keep students informed of happenings within the University, a bimonthly newsletter is published containing information on University news, student events, administration information. This serves to keep students informed and engaged, while furthering the notion of a unified community within the University.

17.12 Student Councils Policy

Article 1 – Definition of the Student Council

Canadian University Dubai Student council are non-incorporated associations whose missions are aligned with the Mission and the Vision of Canadian University Dubai. Members of the Student Council are full-time students in good academic standing. The Student Council is on a volunteer basis and is a non-profit organization.

Article 2 – Name of the Student Council

Canadian University Dubai Student Council

Article 3 – Mission of the Student Council

- Canadian University Dubai Student council will act as a liaison between the students and the administration, aiming to create an environment where collaboration and friendship between students and staff are present
- Canadian University Dubai Student council work towards the promotion of the good welfare of all students.
- Canadian University Dubai Student Council encourages student life on campus, which includes promoting and participating actively in all student cultural and non-cultural events.
- Canadian University Dubai Student council will act as Ambassadors to the University.

Article 4 – Membership

All students, no matter their ethnicity, religion, gender, or physical condition, are encouraged to be part of the Student council.

The Student Council consists of the following six student executive positions, in addition to general student members:

- President
- Vice President
- Treasurer
- Secretary
- Media Officer
- Public Relations Officer

Each member will be elected for a one-year term, with a possible renewal of a maximum one year.

Article 5 – Election Procedures of the Student Council

Canadian University Dubai Student council is open to full-time students who have completed at least two semesters and who are in good academic standing. The Student council elections are held at the beginning of each Spring semester.

a) Qualifications for the Positions of President and Vice President

- Should be a full time undergraduate student, who has completed at least two semesters;
- Should and must have a CGPA of 3.0 or above; failure to maintain this CGPA will result in dismissal from office;
- Should commit to enroll for Fall, Spring, and Summer of their elected term of office;
- Should have demonstrated some leadership at Canadian University Dubai;
- Should apply by filling out the Student council application form available at the Student Affairs Department;
- Should submit his/her resume, and one photo to the Student Affairs Department;
- Should pass the interviews with the University Senate Executive Committee and the Dean of Student Affairs;
- Should submit a list of 30 students who support his/her nomination.

b) Qualifications for the Positions of Other Officers

- Should be a full time undergraduate student, who has completed at least two semesters;
- Should and must have a CGPA of 2.5 or above; failure to maintain this CGPA will result in dismissal from office;
- Should commit to enroll for Fall, Spring, and Summer of their elected term of office;
- Should have demonstrated some leadership at Canadian University Dubai;
- Should apply by filling out the Student council application form available at the Student Affairs Department;
- Should submit his/her resume, and one photo to the Student Affairs Department;
- Should pass the interviews with the University Senate and the Dean of Student Affairs.

c) Election Rules, Procedures and Responsibilities

- A list of 30 students who support a candidate running for the president or vice president position is required. This list should be submitted according to the deadline of the election to the University Senate;

- Each candidate must complete the election registration form and submit it to the University Senate. This form should include the candidate's specific position he or she wishes to run for;
- Candidates cannot apply for more than one position;
- Candidates should prepare a three to four-minute campaign speech which should be presented during an assembly;
- Candidates should prepare themselves to participate in open debates;
- Campaign materials such as flyers, videos, and posters should be approved by either the Dean of Student Affairs or the VP of Academic Affairs before they are displayed;
- Only current full-time and part-time students are eligible to vote;
- Results of the Student council vote will be announced two days after the elections are complete;
- Members of the Student council who were dismissed or resigned cannot run for elections;
- At the end of each semester, the Manager of Student Services will review the CGPAs and the performances of all Student council members.

d) Elections Code of Conduct

The Election Committee has a mandate to ensure that the election process is fair and impartial. Violation of the elections code of conduct will result in sanctions such as temporary or permanent suspension from campaigning and, in extreme cases, the candidate's name will be removed from the elections list. The following rules are to be followed during the elections:

- Candidates should refrain from making deceptive or misleading statements during their candidacy;
- Candidates should refrain from attacking each other during the election campaign;
- Candidates must have all their campaign material approved and signed by the Dean of Student Affairs;
- Candidates must hold their speeches one week before the elections;
- Candidates must remove all their campaign material one week after the elections.

The elections of the Student council are held every Spring Semester. Meetings are open to all Canadian University Dubai Students.

e) Voting Procedures

- Voting procedures will be the responsibility of The Elections Committee under the supervision of the University Senate and the Dean of Student Affairs;
- The Elections Committee will ensure that all voters are current Canadian University Dubai students;
- Voting will be open to all full time and part time student enrolled in the current academic year;
- Voting Students will be allowed to vote once, and must show their Canadian University Dubai ID to the members of the Elections Committee before voting;
- Blank votes and ballots improperly marked will be voided;
- Voting will last two days and will start after one week of campaigning.

f) Disputes and Violations

- Candidates who violate the election code of conduct will be subject to sanction from the Elections Committee;
- Complaints against any candidate's conduct during the election campaign must be reported in writing to the appropriate Vice President;
- Written complaints will be dismissed if they are not filed within 3 school days after the incident took place;
- Violations of Elections Code of Conduct will lead to a hearing by the Elections Committee;
- Candidates will be informed in writing of the decision of the Elections Committee.

Article 6 – Student Council Responsibilities and Duties

The Elected Student Council President will:

- Act as the spokesperson for the specific Student Council (Life on Campus, International Event and Community Outreach, Academic Endeavors);
- Aid in the appointment of new members;
- Assign specific tasks to the new elected members;
- Schedule meetings;
- Participate in a weekly meeting with the appropriate Vice President;
- Prepare and present to the Vice President the annual Student council report that includes the Financial Report, Activities Report, and strengths and gaps of the Student council;
- Meet with Deans or Program Leaders at the end of each semester to discuss students' concerns with regard to the particular department (Student Council - Academic Endeavors);

The Elected Student Council Vice-President will:

- Replace the President in his/her absence;
- Oversee the work of the other members;
- Support the President;
- Organize the Student council meetings and retreats;
- Support in organizing events and activities;

The Elected Student Council Media Officer will:

- Create and participate in the making of all marketing material for Students Councils events and activities;
- Work closely with the Marketing Department while designing marketing materials for Student council events and activities;
- Have some experience in design;
- Support in organizing events and activities;

The Elected Student Council Public Relations Officer will:

- Work closely with Communication Department while marketing student events and activities;
- Work with the Manager of Student Services in the establishment of corporate and companies' sponsorships;
- Support in organizing events and activities.

The Elected Student Council Secretary will:

- Schedule meetings;

- Take the minutes of all Student council meetings;
- Maintain a record of all events and activities held during the academic year;
- Write office correspondence if needed;
- Support in organizing events and activities.

The Elected Student Council Treasurer will:

- Keep and maintain all financial records of the Student council;
- Submit a financial report at the end of each semester;
- Support in organizing events and activities. Volunteer Student Members will:
- Promote the Student council activities events;
- Support all Student council activities and operations.

Staff Advisors

The immediate supervisor of the Student council is the University Senate. The Dean of Student Affairs will guide and advice the Presidents of the Student council.

Article 7 – Requirements for Remaining in Student Council

- Student Council members are required to attend all Student council scheduled meetings; members should inform the President of the Student Council for a non-attendance;
- Members of the Student council are bound to their duties, and responsibilities;
- Members of the Student council must maintain the required CGPA.

Article 8 – Resignation from Office

Members of the Student council wanting to resign from office must submit a written letter of resignation to the University Senate and the Dean of Student Affairs. The University Senate will hold a re-election two week after the resignation is presented. The Vice President will replace the President until the newly elected President is voted. For any other position, members can appoint other members to serve in the vacant position.

Article 9 – Removal from Office

Members can and will be removed from office for unexcused absences from official meetings, non-performance, or non-participation in Student council activities and events. Also, members can be removed if they fail to maintain their CGPA. The removal will be made official by the University Senate and this official removal will be communicated in official letter to the Chairman of the Board of Trustees.

17.13 Alumni Network

The Alumni Network is a bridge between yesterday's students, and today's world's entrepreneurs. Through the Alumni Network, Canadian University Dubai graduates will be able to stay in touch with their university.

Our alumni will be able to connect with their former classmates, colleagues, professors, and Canadian University Dubai community in general, and establish an extremely valuable social and professional network. Canadian University Dubai alumni are today's entrepreneurs and leaders. They constitute the vital talent of the community they serve. Through their rich and diverse networks, they are the best portal and the promotion of the extended outreach of the university.

Canadian University Dubai Alumni Network is established by graduates and administrators. Its development and growth is enhanced by the participation, dedication, and support of its members and Canadian University Dubai community at large. All the efforts in support of Canadian University Dubai Alumni Network provide in return for its members' opportunities for life-long learning, greater realizations and much more accomplishments. In support of the Alumni Network, Canadian University Dubai encounters an additional channel to sustain its role and mission in society. For more information, email us at alumni@cud.ac.ae.

18 Learning Resource Centre

The Learning Resource Centre (LRC) at Canadian University Dubai provides access to a wealth of electronic resources and loan of materials to all Canadian University Dubai students, faculty, and staff.

We house a print collection consisting of books, journals, newspapers, and other publications. Our wide range of electronic resources includes 40,000+ e-journals, 200,000+ e-books, and over 3,200,000 intelligence reports and analyses. You can also access country reports, thesis and dissertations, conference proceedings, videos, and many more electronic resources. The electronic resources are accessible on and off-campus 24/7.

We encourage students to use the physical and digital resources available at LRC for independent learning, research needs, and personal improvement. We use the Library of Congress Classification System - currently one of the most widely used library classification systems in the world. Located on the first floor of The Hub building and equipped with computers and Wi-Fi. The LRC organizes regular information literacy, workshops, and training for all university students and faculty.

The Learning Resource Centre is open seven day a week. Please check the LRC website for the timings https://www.cud.ac.ae/lrc

18.1 Interlibrary Loan

It is not possible for the Learning Resource Centre to own all materials that are requested or needed by its users. When the library collection does not contain an item, efforts to locate the item and obtain it through all reasonable means will be undertaken. The LRC maintains an account with the British Lending Library for interlibrary Loan.

Cooperation with Other Libraries:

As the CUD Learning Resource Centre grows it will cooperate as fully as possible with regional libraries in resource sharing activities. Possible areas of cooperation may include interlibrary loan, staff training, cooperative collection development, or reciprocal use/borrowing agreements. The LRC may participate with other libraries or library consortia for the purpose of cooperative purchasing programs or other activities.

18.2 Electronic Resources

Virtual E-Learning databases are vital to the research needs of students and faculty. The Learning Resource Centre is actively seeking out databases that will complement the curriculum of the University and be most useful to Learning Resource Centre users. Full text databases are highly preferred over indexing or abstracting databases.

18.3 Access

The Learning Resource Centre collection is cataloged and classified using Library of Congress call numbers and subject headings. An automated catalog of the collection will be maintained and will be accessible by LRC users over the Internet.

- The e-library collections and services are available for CUD students and academic staff and other users.
- CUD Electronic resources is strictly for registered students, faculty, and staff.
- Computers are available to provide access to e-resources for users within the university.

- The e-library access is provided in an easy access platform, adopting new technologies and new resources added to the discovery tools resource and catalog.
- Access to electronic resources off-campus through EZ proxy is available using university account login from https://www.cud.ac.ae/lrc
- Access to electronic resources is in accordance with the International copyright law and UAE Federal Law No. 7 of 2002 Concerning copyrights and neighboring rights and permission on the terms of use defer by publisher.

18.4 Preservation

Damaged items are repaired, replaced, or withdrawn according to the policies of the LRC. Specific provision is made in the LRC's budget for the repair and binding of materials.

18.5 Student Participation

Student contributions to the LRC selection process are also encouraged. The different methods of suggesting titles for purchase are highlighted in the Learning Resource Centre orientation sessions.

Fair Use, Copyright & Intellectual Property:

Patrons are encouraged not to violate UAE copyright law. No more than 10% of any teaching & learning material is allowed to be photocopied within LRC premises. Faculty are encouraged to contact publishers directly to find out how much of their teaching aids(electronic) are copyrighted before using them for students.

18.6 Information Literacy

Research skills information sessions are provided to all students, faculty, & staff.

18.7 Circulation Policy

a) Students

- Learning Resource Centre books are loaned for two weeks and may be renewed.
- Books can be recalled after one week.
- Fines will apply to all overdue items.
- Replacement fees will apply to all lost items.
- Learning Resource Centre patrons are responsible for all materials checked out to them.

The Learning Resource Centre warns patrons not to loan items borrowed to another person. If the item is lost or returned late, the patron will be responsible for all fines and replacement fees.

b) Faculty

- Learning Resource Centre books are loaned for one semester and may be renewed.
- Books can be recalled after two weeks.
- Fines will apply to all overdue items.
- Replacement fees will apply to all lost items.
- Learning Resource Centre patrons are responsible for all materials checked out to them.

The Learning Resource Centre warns patrons not to loan items borrowed to another person. If the item is lost or returned late, the patron will be responsible for all fines and replacement fees.

c) Staff

- Learning Resource Centre books are loaned for two weeks and may be renewed.
- Books can be recalled after one week.
- Fines will apply to all overdue items.
- Replacement fees will apply to all lost items.
- Learning Resource Centre patrons are responsible for all materials checked out to them.

The Learning Resource Centre warns patrons not to loan items borrowed to another person. If the item is lost or returned late, the patron will be responsible for all fines and replacement fees.

d) Fines and Replacement Fees for Lost or Damaged Item

Fines:

For regular overdue item, an overdue fine accrue as AED 2 per day per book for 14 days loan. For reserve overdue item, an overdue fine accrue as AED 2 per hour per book for 3 hours loan.

Replacement Fees:

Users who have lost or damaged borrowed item are advised to replace on the following options:

- Replace the same item provided it is in a new condition or with a newer edition
- Pay the current market price of the book plus AED 75 processing fee
- Video – AED 100 for videos
- Lost journal - AED 50 for journals

Note: *The stated amount represents an average cost of the item. That includes the processing and postal charges.*

18.8 Code of Conduct

This Code of Conduct states the rights and responsibilities of the LRC user and has been adopted by Canadian University Dubai Learning Resource Centre.

CUD's Learning Resource Centre will provide:

- respectful, knowledgeable, and helpful assistance
- facilities conductive to group and individual learning
- tools facilitating general inquiry, study, and research
- information resources to support general inquiry, study, and research in various formats
- facilities and resources free from the problems caused by food, beverages, other damaging items, and inappropriate use

Learning Resource Centre users will:

- act in a manner that does not cause damage to the library, its resources or disturb other LRC users
- use the LRC as a place to collaborate on study and research
- be respectful and courteous to other LRC users and LRC staff
- maintain a pest-free, clean environment by clearing study space when leaving and not bringing in food or beverages (except bottled water)

By upholding the CUD Code of Conduct Learning Resource Centre users are ensuring all users of an environment that is advantageous for study and research, contemplation, reflection, and collaborative learning. All Learning Resource Centre users are expected to conduct themselves in

accordance with this Code of Conduct and act appropriately while in the LRC. Those who fail to comply and disrespect the rights of others will be asked for their University ID or other identification, escorted out of the Learning Resource Centre, and reported to the proper University authorities.

18.9 Study Rooms

The policy is intended to provide information to all CUD-LRC users to ensure we provide a great service, sometimes the demand exceeds with available rooms.

a) Purpose

- The study rooms are intended as a place for CUD students to work and study together as a group.
- The study rooms are NOT for individual study

b) Policies

Reservation:

- A study room can be reserved for two (2) hours at a time
- A minimum of three (3) people are considered as a group
- Room key and the remote controls of AC and LCD projector can be collected at the library circulation area and student ID card must be presented
- The study rooms can be reserved through Virtual E-Learning study reservation booking, phone call, email to the library or physical requested at the circulation area
- Rooms may be reserved up to two (2) days in advance
- A grace period of 10 minutes is given, if the room is not occupied by an eligible group, the reservation will be forfeited. The room will be given to another group
- Back-to-back reservations of the room are not allowed. However, the group can stay in the room provided that there is no other group waiting.
- Drinks can be consumed within the room. Eating food is not permitted. Please maintain cleanliness.

Included Equipment:

Each room has a TV screen monitor and can be connected to a personal laptop or other devices.

Any difficulties with the use of technology, please contact the library staff at the circulation area or call at 04 709 6260 or email at library@cud.ac.ae

19 Information and Communication Technology (ICT)

19.1 Information and Communication Technology (ICT) Support

Support for hardware is provided by the ICT Department and users are to report any issues to the ICT Helpdesk. The Help Desk is open during all hours of operation of the University and a representative from the department shall be on-call at all times in case of an emergency situation.

The ICT Help-Desk can be reached via the following methods:

- Email: ICTHELPDESK@cud.ac.ae
- Walk-in: Room B1-03
- Phone: Extension 222 / +971 4 7096 222
- Emergency: **+971 50 383 0834 / +971 50 426 4047**

End Users Personal Devices:

A personal hardware is a device such tablets, mobiles, desktops or laptops that are not part of CUD's assets and are not manageable via CUD's support agreements.

1. The cost of acquiring, maintaining as well as operational/connectivity charges of the personal hardware is fully under the responsibility of the end user (staff or student).
2. Prior to being qualified, a personal device must be inspected by ICT to configure access to the network. If the device leaves the network for a period longer than 90 days, it must re-visit ICT for reconfiguration.
3. The personal device has to meet the minimum security criteria applied to CUD's network devices, and must be inspected by ICT from time to time to insure its compliance.
4. The end user will be responsible for ensuring that the personal hardware continues to meet the CUD's network criteria.
5. By accessing CUD's network with his/her personal device, the end user agrees to comply with the ICT appropriate use policy. Section 5.0 of this policy shall be applied in case of violations.
6. CUD's VPN access on a personal hardware will be granted only by the ICT director authorization.
7. ICT support team will provide basic how-to support and troubleshooting only if all CUD related requests are all on "Resolved" or "On-hold" status.
8. ICT support team will provide basic how-to support or troubleshooting on third party software related CUD academic or administrative activities only if the in-house knowledge and enough resources are available.
9. CUD will not be liable of the loss, leak, damage of any data locally stored in the personal hardware. CUD will not be liable to restore the affected data.
10. The end user has to notify ICT immediately if their device has been stolen, lost or otherwise compromised so that the team can take the appropriate actions.

19.2 Appropriate Use

The Appropriate Use Policy (AUP) includes the use and access to ICT resources, equipment, and services.

a) User

It is the Users responsibility to read, understand and observe the ICT-AUP. You are responsible for exercising good judgment in the use of the University's technological and information resources. Just because an action is technically possible does not mean that it is appropriate to perform that action.

As a user of the University's ICT Network you must:

- Abide by all local and Emirate laws.
- Abide by all applicable copyright laws, trademarks and licensing.
- Observe, understand and abide by all copyright laws pertaining but not limited to music, videos, games, images, texts and other intellectual property in both personal and work environments.
- Consider all information in which you access and share over the internet as such materials are vulnerable to invasion of privacy, unauthorized access and malware which could result in invasion of privacy and/or copyright infringement

It is required by all users to report any suspicious account activity when security may be at risk or policy violations have occurred.

b) Canadian University Dubai

It is the University's responsibility to ensure that the information, resources, and services have availability, integrity, accessibility, and security and to promote, revise and enforce the ICT-AUP.

c) Violations

Upon suspicion of a breach of the ICT-AUP user accounts will be disabled immediately followed by an investigation. Each violation of the ICT-AUP will be investigated on a case by case basis where privacy of user information will be the first priority. In some instances of violation(s), Canadian University Dubai has the right to access and view user data including confiscation of personal devices as required.

Upon conclusion of a violation, necessary action will be taken to the maximum extent of University policies and regulations followed by any local and federal laws.

19.3 University Technological Infrastructure and Social Media

Under no circumstances shall any account holder of Canadian University Dubai use any of the Information and Communication Technology (ICT) resources as outlined in the ICT Appropriate Use Policy (AUP) for unapproved communication/transmission of any private, confidential or intellectual property of the University and/or its members. Such mediums include but are not limited to; social networking sites, student newspapers, student television, digital signage, notice boards.

IT services help Desk are available during and after class hours to assist and support faculty and students with any issues related to online learning platform in addition to our regular face to face classes. IT Services help Desk are equipped with software that can remotely view student's desktop/laptop to provide quick and seamless support.

For all online services, we are available by telephone at 04-709-6222 or via email us at icthelpdesk@cud.ac.ae

20 Student Accommodations

Canadian University Dubai is committed to providing students with an international academic experience, guided by the highest educational and corporate ethics, adding value to the personal andprofessional lives of its graduates, and the communities in which we serve.

Canadian University Dubai promotes Canadian perspectives in learning, research, and application, grounded in appreciation and respect for diverse cultures and UAE values.

We strive to meet this commitment in our student accommodations by providing accommodations conducive to study and positive social interaction in an atmosphere of dignity and mutual respect.

20.1 Genera Rules

All residents must allow their fellow students the opportunity:

- To read and study undisturbed in their room
- To sleep without disturbance from noise
- To have free access to their room without pressure from roommates
- To live in a safe, clean, and drug and alcohol-free environment

All students must:

- Respect all UAE laws and rules, culture, and religion.
- Respect UAE culture and religion regarding the relationship between women and men and refrain fromsexual harassment and indecent exposure.
- Maintain the well-being of their roommates and refrain from harassment, discrimination, intimidation, orcausing physical harm.
- Respect all rules and instructions given by the Accommodation Officer or his agents.
- Respect the personal privacy of fellow students.
- Respect the personal property of their roommates
- Respect the University accommodation property.
- Show respect towards university personnel, students, and security staff.
- Show tolerance for different cultural and religious practices, living styles, and food preferences.
- Practice good kitchen hygiene.
- Inform other residents politely and respectfully if they are violating your rights or the rights of otherstudents.
- Inform the Accommodation Officer or Student Affairs if they feel that this atmosphere is not being provided.

20.2 Safety, Security, and Student Conduct

a) In Case of Emergency

Police	**999**
Ambulance	**998**
Fire Department	**997**

b) Incidents

In the event of a non-emergency incident at the Student Accommodations please contact: Mr. Samer or Ms. Soumia at:

	Sameer 055-8602331
	Soumia 055-8035463

c) Fire Prevention

Smoking, the burning of incense or candles, or using any open flame other than the kitchen stove is prohibited. Any student detecting smoke or fire must sound the fire alarm, call the fire department bydialing 997, and inform the Security Officer. Students must evacuate the building in the event of a firealarm. Please ensure to be familiar with your address location.

d) Quiet Hours

At all times students must respect the right of other students to study. Students must not make disturbing noise between 10:00 p.m. and 7:00 a.m.

e) Cleaning

It is the responsibility of the students to ensure the cleaning of their rooms and maintain a neat environment in the accommodations up to the University's standards.

f) Room Inspections

At any time, a university administrator may visit a student's accommodation. Upon presentation of proper identification by the staff member, the student must allow the University administrator to inspect the accommodation.

g) Substance Abuse

Recreational drugs, narcotics, and alcohol are not permitted on any University property including in student rooms. Entering Student Accommodations while under the influence of drugs or alcohol is notallowed. Smoking is also forbidden on university property and in student accommodation. Violation ofthis policy will result in disciplinary action which could result in permanent expulsion from university accommodation and possibly the University. The parents of students under 21 will be informed of anyincidents.

20.3 Failure to Comply with the Accommodation Policy

Failure to comply with the University Accommodation Policy may result in a written warning, counselling or a disciplinary hearing depending on the severity of the offense. A hearing could result in penalties ranging from a written warning to progressively more severe penalties which could include letters to parents, suspension or expulsion from student accommodation or the University or referral to Police or other authorities, and possible legal sanctions.

20.4 Registration for Accommodation

Only Canadian University Dubai students who are registered, full-time students of the University and have paid or have arranged the payment of tuition and accommodation fees are eligible to reside in the University provided accommodations.

Moving In:

Once a room has been assigned students will be given a room key. Students must review and sign a room inventory form.

21 Occupational Health, Environment and Safety Policy

21.1 Introduction

The Canadian University Dubai (CUD) provides a consistent A-class level of education and work performance that meets and exceeds the quality standards and students' expectations conforming to the requirements and specifications cited in all types of educational services offered in a safe, ethical, and socially responsible manner ensuring no harm to people, society or environment. CUD acknowledges that the dignity, safety, and well-being of people are central to the values of the University.

We are dedicated to safeguarding the health and safety of all individuals who are either involved in or impacted by our activities and operations. We are encouraging the reporting of incidents to all students and personnel and will openly report, measure, monitor, evaluate, and learn from them.

21.2 Objectives

Canadian University Dubai's Health and Safety Policy has the following objectives:

- To comply with the requirements of relevant legislations and current good practices;
- To identify significant hazards (the potential for harm), assess risks from activities involving those hazards and manage those risks;
- To promote a positive attitude to health, safety and wellbeing at the University amongst all staff and students
- To ensure that employees, students and others are adequately informed of the relevant identified risks;
- To ensure that staff and students are aware of the risks they may encounter;
- Ensure that this documentation and supporting information is made accessible, primarily through the University's web pages and at induction for staff;
- To make arrangements for co-ordination and co-operation with other stakeholders and third parties;
- To actively monitor the management of risks to health and safety;
- To review the effectiveness of health and safety risk management and, where appropriate, implement improvements;

21.3 General Safety Hazards

Faculty, staff and students must consider the following general safety hazards while on campus:

- Emergency lights will illuminate during an emergency.
- Emergency lights will illuminate during an emergency.
- Keep fire doors and emergency exits free of obstructions.
- Keep the areas in front of fire extinguishers and fire alarms clear at all times.
- Do not overload electrical outlets or extension cords. Report damaged electrical cords, broken switches, loose connections, or bare wires to the supervisor immediately. When necessary to run a cable or electrical cord across the floor, always use a cable cover to protect the wiring and prevent tripping.
- Cord-connected electrical appliances should have a grounded 3-wire conductor or be approved.

- Inspect and test all electrical devices according to their risk category, and protectively enclose them as practical and appropriate.
- Personal appliances such as kettles, heaters, and battery chargers are not allowed to be used on campus unless prior consent has been given.
- Visually inspect equipment and tools before plugging them in. If cables or plugs are either damaged or incorrectly fitted, do not use the equipment and remove it from service. Never use defective or inappropriate tools and equipment.
- Do not overload the top drawers of filing cabinets to avoid the possible tipping of the cabinet when the drawers are opened. Keep file and desk drawers closed when not in use to help prevent tripping accidents.
- Always use proper safety step stools or ladders for climbing. Never stand on swivel chairs or use them as step stools.
- Avoid wearing loose clothing, long sleeves, ties or inappropriate gloves when supervising or working in a laboratory or on machinery.

21.4 Laboratory Activities

Students who participate in laboratory activities are given explicit directions on all issues related to personal safety. These are strictly enforced by the laboratory assistant who manages the laboratory. Items covered in the training of students include:	
• Personal Protective Equipment • Work Area • Proper Attire • Safe Chemical Disposal Procedures • Chemical Control • Broken Glass Handling • Needle Safety • Electrical Hazards • Proper Labeling • Storage • Safety Equipment • Fire Extinguishers	• Proper Use of Other Safety Equipment • First Aid Kit • Material Safety Data Sheet (MSDS) • Safety Warnings • Compressed Gas Cylinders • Testing of Odors • Heating of Glass Tubing, Rods and Test Tubes • Handling of Acids, Bases and Water • Bunsen Burner Usage • Safe Heating of Organic Liquids • Safe Cooling of Organic Liquids • Safe Handling of Laboratory Instrumentation

21.5 Fire Safety Policy

Canadian University Dubai prohibits smoking in any of its buildings; there is a designated smoking area outdoors for those wishing to smoke. All students are expected to observe these regulations. Fire exit signs are posted at all exits to be used for evacuation and smoke detectors are placed in various strategic locations to provide early detection of smoke or fire. All fire extinguishers will be periodically checked by an outside company to ensure that they are in good operating condition. They will also do a safety inspection and check the building for fire hazards.

The Fire Marshal will supervise and coordinate the fire drill to ensure that all buildings are evacuated. Designated staff will be assigned as fire officials to take charge of the evacuation of a particular building in the event of fire. In addition, designated staff members will be trained as first aid attendants to assist fire officials with the evacuation. Fire drills will be practiced each semester in the academic buildings on campus to ensure that proper procedures will be followed in the event of a real fire.

a) Prevention

- Know your work area; know alternative routes and fire exits
- Know the location of firefighting equipment and how to use it
- Avoid overloading electrical sockets
- Report promptly any faulty equipment
- Keep fire exits clear at all times
- Smoke only in the designated area

b) To Report Smoke or Fire

- Activate the building fire alarm system. Alarms are located on each floor. The alarm signal will alert the rest of the staff and students.
- The Information Officer in the Reception area will immediately contact the Department of Civil Defense by dialing 997 and advise them of the location of the fire.

c) When an Alarm Rings

Follow RACE Procedure:

R: Rescue anyone in immediate danger
A: Activate building fire alarm to alert others and report the incident
C: Confine the fire by closing all doors
E: Evacuate the building using the closest exit and move to a safe distance away from the building

Use of Fire Extinguisher: (Only use if it is safe to do so)

Follow PASS procedure:

P: Pull the safety pin from the extinguisher, distance yourself 6-10 feet back from the fire
A: Aim the hose at the base of the fire
S: Squeeze the handle
S: Sweep the extinguisher from side to side starting from the front edge of the fire

21.6 Fire Evacuation Plan

a) Steps to Take in Case of Fire

i. Activate the building fire alarm system. Manual alarms are located on each floor. The alarm signal will alert the rest of the staff and students.
ii. The Student Information Officer in reception will immediately contact the Department of Civil Defense by dialing 997 and inform them of the location of the fire. The Registrar will take student attendance registers and the students' emergency phone numbers.
iii. Class teachers are responsible for ensuring the safe orderly evacuations of any students that they have with them in the event of a fire, closing room doors behind them and going to the designated assembly point. Staff members who do not have students with them at the time of the fire should proceed to the nearest Hall and assist with evacuation.
iv. The nurse will collect the emergency first aid kit and assist with the evacuation of students.

v. Each designated fire official and first aid attendant will ensure that everyone has left their building and that all doors are closed, placing red “all clear” signs on the outside of the door.
vi. Security will turn off all the AC units and then assist fire officials.
vii. Class teachers are responsible for confirming that each of their students is outside of the building in the designated ASSEMBLY POINT
viii. The Fire Marshal will supervise and coordinate with fire officials and first aid attendants to confirm that all buildings have been evacuated.

b) Guidelines

i. Stay calm.
ii. Use the stairs only. Never take an elevator.
iii. Always use the nearest fire exit to leave the building. Go to the ASSEMBLY POINT.
iv. Do not stop to take personal belongings with you.
v. Staff is responsible for the evacuation of all students with them at the time; call for help if you need it.
vi. Students and staff are not to return to the building until instructed by the fire department.
vii. If you are trapped in a room, close and seal the doors. Call Security and tell them of your location.
viii. Take an alternative route in case fire is located near your designated exit-proceed to the nearest exit in your location.

22 Academic Programs

The Canadian University Dubai offer the ability to study a Canadian based curriculum within the culture and values of the United Arab Emirates. The academic programs at Canadian University Dubai are housed within:

A. School of Architecture and Interior Design	
Department of Architecture	
1.	Bachelor of Architecture
2.	Bachelor of Science in Architectural Studies • Building Information Modeling • Sustainability
Department of Interior Design	
3.	Bachelor of Science in Interior Design
B. School of Engineering, Applied Science and Technology	
Department of Computer Engineering and Computational Sciences	
4.	Bachelor of Computer and Network Engineering Technology
5.	Bachelor of Science in Computer Science
6.	Bachelor of Science in Cyber Security
7.	Bachelor of Science in Software Design
Department of Electrical Engineering	
8.	Bachelor of Science in Electrical Engineering • Electronics • Mechatronics • Telecommunication
C. School of Management	
Department of Undergraduate Programs	
9.	Bachelor of Business Administration • Accounting and Finance • e-Business • Events and Tourism Management • Forensic Accounting • Human Resource Management • International Business • Luxury Marketing • Marketing • Operations and Supply Chain Management • Sport Management
Department of Graduate Programs	
10.	Master of Business Administration • Finance • General Management • Human Resource Management • Marketing
11.	Master in Information Technology Management

D. Faculty of Communication, Arts and Sciences (FCAS)	
Department of Communication and Media	
12.	Bachelor of Arts in Communication (English) • Advertising and Integrated Marketing Communication • Digital Media and Journalism • Public Relations
Department of Creative Industries	
13.	Bachelor of Arts in Creative Industries
Department of Public Health	
14.	Bachelor of Science in Public Health • Environmental Health Management • Health Administration
Department of Social Sciences	
15.	Bachelor of Arts in Psychology (English)
16.	Bachelor of Arts in Psychology (Arabic)
17.	Bachelor of Arts in Applied Sociology (Arabic)

Continuing Education

#	Program	Section
1.	English for Academic Purposes	Centre for Continuing Education and Lifelong Learning
2.	Math for Academic Purposes	

If you are unsure of the academic area you wish to pursue, please contact our highly qualified faculty advisors who are available to guide you.

22.1 General Education (GE)

All academic programs are a combination of General Education courses and specialization courses. General Education courses aim to ensure that:

- All students enrolled in undergraduate programs are required to complete broadly based basic general education course requirements. The general requirement is designed to add breadth to the students' intellectual experience. Students must attain knowledge and competency equivalent to completing courses in the areas of:
  - Language
  - Science
  - Technology
  - Humanities
  - Social Culture
- All undergraduate students must complete the equivalent of one or more university-level courses in Islamic history or culture ***(*See your Program Study Plan and Advisor as required*)**.
- Learning outcomes for GED courses are clearly defined in the course syllabi and regularly assess the student's achievement of those outcomes through appropriate assessment in the classroom ***(*See your Program Study Plan and Advisor as required*)**.
- Undergraduate students can use the following table to select corresponding electives for their specific program.

GE Learning Outcomes (GELOs)

The General Education has 6 learning outcomes which cover 3 strands: Knowledge, Skills, and Competencies related to Self-Development as given below:

GELOs	Description	QF-Emirates Strand
GELO1	Demonstrate understanding of broad disciplinary knowledge, skills, and values in arts, humanities, sciences, and technology.	**Knowledge**
GELO2	Identify environmental responsibility, and cultural diversity.	**Skills**
GELO3	Employ effective written and oral communication appropriate to audience, context, and purpose.	
GELO4	Apply mathematical or statistical methods to describe, analyze, and solve problems in context.	
GELO5	Assess the relevance and strength of claims in written texts, visual media and other forms of discourse.	**Self-Development**
GELO6	Propose imaginative ideas, and interdisciplinary connections, contextualizing innovation within the larger history of ideas.	
GELO7	Demonstrate the ability to find, and ethically use information when there is a need for information.	

Program Table

Refer to the assigned "Program Number" of your program to pick elective courses where applicable	
Program Name	**Program Number***
Bachelor of Architecture	1
Bachelor of Science in Architectural Studies	2
Bachelor of Science in Interior Design	3
Bachelor of Computer and Network Engineering Technology	4
Bachelor of Science in Computer Science	5
Bachelor of Science in Cyber Security	6
Bachelor of Science in Software Design	7
Bachelor of Science in Electrical Engineering	8
Bachelor of Business Administration	9
Bachelor of Arts in Communication (English)	10
Bachelor of Arts in Creative Industries	11
Bachelor of Science in Public Health	12
Bachelor of Arts in Psychology (English)	13
Bachelor of Arts in Psychology (Arabic)	14
Bachelor of Arts in Applied Sociology (Arabic)	15

22.1.1 General Education and University Courses

Students can refer to the following table to choose elective courses where applicable based on their defined program study plan.

Course Code	Course Title	Applicable Program*															Prerequisite	Cr. Hrs.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
Language Courses																		
LNG 161	Communication Skills in English 1 مهارات الإتصال باللغة الإنجليزية (1)														14	15	None	3
LNG 162	Communication Skills in English 2 مهارات الإتصال باللغة الإنجليزية (2)														14	15	LNG 161	3
LNG 171	English I	1	2	3						9	10	11	12	13			None	3
LNG 172	English II	1	2	3						9	10		12	13			LNG 171	3
LNG 173	Professional Communication Skills	1	2	3													LNG 172	3
LNG 181	English I for Engineering & Computing				4	5	6	7	8								None	3
LNG 182	English II for Engineering & Computing				4	5	6	7	8								LNG 181	3
GED 196	Communication Skills in Arabic 1 مهارات الاتصال في اللغة العربية (1)														14	15	None	3
GED 196	Communication Skills in Arabic 1	1	2	3	4	5	6	7	8	9	10	11	12	13			None	3
GED 296	Communication Skills in Arabic 2 مهارات الاتصال في اللغة العربية (1)																GED 196	3
Science and Technology Courses																		
BIO 102	Biology I									9	10						None	3
GED 125 (ENV 125)	Ecosystem and Human Health النظم الإيكولوجية وصحة الإنسان														14	15	None	3
GED 125 (ENV 125)	Ecosystem and Human Health									9	10			13			None	3
ENV 201	Principles of Environmental Science									9	10						None	3
MTH 195	Applied Statistics											11		13			Math Placement Test or MTH 011	3
MTH 195	Applied Statistics الاحصاء التطبيقي														14	15	Math Placement Test or MTH 011	3
MTH 196	Mathematics for Business			3						9							None	3
SHS 103	Chemistry								8	9	10						None	3
BIO 100	Unifying Life Processes توحيد عمليات الحياة														14	15	None	3
BIO 100	Unifying Life Processes													13			None	3
SCI 101	Physics I	1	2														MTH 012	3
SWS 110	Programming I																None	3
GED 101 (SWS 101)	Applications of Computer Software									9	10			13			None	3
GED 101 (SWS 101)	Applications of Computer Software تطبيقات في برمجيات الحاسوب														14	15	None	3
GED 132	Science and Technology in Society									9	10	11		13			None	3
GED 132	Science and Technology in Society العلم والتكنولوجيا في المجتمع														14	15	None	3
MTH 101	Statistics										10						None	3
MTH 112	Calculus I	1	2														Pass Math Placement Test or MTH-012	3
ENG 410	Professional and Ethical Practice								8									3
Humanities Courses																		
ENT 141	Fundamentals of Innovation and Entrepreneurship 1	1	2	3	4	5	6	7	8	9	10	11	12	13		15	None	3

Course Code	Course Title	Applicable Program*															Prerequisite	Cr. Hrs.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
ENT 142	Fundamentals of Innovation and Entrepreneurship 2	1	2	3	4	5	6	7	8	9	10	11	12	13		15	ENT 141	3
ENT 241	Entrepreneurship 1	1	2	3	4	5	6	7					12	13			ENT 142	3
ENT 242	Entrepreneurship 2	1	2	3	4	5	6	7					12	13			ENT 241	
GED 110	Modern Art Appreciation تقدير الفن														14	15	None	3
GED 110	Modern Art Appreciation	1			4	5	6	7	8	9	10	11	12	13			None	3
GED 111	Music Appreciation and Communication تقدير الموسيقى والتواصل														14	15	None	3
GED 111	Music Appreciation and Communication	1			4	5	6	7		9	10	11	12	13			None	3
GED 112	Using Positive Psychology at Work	1				5	6	7		9							LNG 172	3
GED 140	Fundamentals of Innovation and Entrepreneurship أساسيات الإبتكار وريادة الأعمال														14		None	3
GED 145	University Study Skills مهارات الدراسة الجامعية																None	3
GED 150	Foundations for Community Engagement and Social Work													13			None	
GED 150	Foundations for Community Engagement and Social Work مبادئ المشاركة المجتمعية والعمل الإجتماعي														14		None	
GED 160	Studies in Ancient Civilization دراسات في الحضارة القديمة																None	3
GED 198	Islamic Culture الثقافة الإسلامية														14	15	None	3
GED 198	Islamic Culture	1	2	3	4	5	6	7	8	9	10	11	12	13			None	3
GED 199	UAE Society مجتمع دولة الامارات العربية المتحدة														14	15	None	3
GED 199	UAE Society	1	2	3	4	5	6	7	8	9	10	11	12	13			None	3
GED 205	Psychology in Everyday Life علم النفس في الحياة اليومية																None	3
GED 205	Psychology in Everyday Life	1			4	5	6	7	8	9	10	11	12				LNG 172 or LNG 182	3
GED 252	Critical Thinking التفكير النقدي														14	15	None	3
GED 252	Critical Thinking	1			4	5	6	7	8	9	10		12	13			LNG 172 or LNG 182	3
GED 265	Human Rights in Islam &International Conventions حقوق الإنسان في الإسلام والمواثيق الدولية																None	3
GED 272	Fundamentals of Public Speaking	1				5	6	7	8	9							LNG 172 or LNG 182	3
GED 298	Special Topics in Western Culture	1							8								LNG 172 or LNG 182, GED 198E	3
GED 324	Ethical Reasoning in Today's World التفكير الأخلاقي في عالم اليوم																None	3
GED 324	Ethical Reasoning in Today's World	1			4	5	6	7	8	9	10		12				LNG 172 or LNG 182	3
GED 330	Introduction to Canadian Studies				4						10		12					3

**Please note some courses will already appear in your study plan as compulsory (refer to your study plan).*

School of Architecture and Interior Design

A Word from the Dean

Welcome to the School of Architecture and Interior Design at Canadian University Dubai!

The School of Architecture and Interior Design at CUD are the intersection of design, business, technology, and creativity. Our degrees provide a balance of theory, design work and professional experience and as a graduate you will learn how to lead on projects, solve complex problems and communicate your ideas while thinking about the wider responsibilities of an architect.

Our interactive Architecture program is aligned with the Canadian standards and delivered in a studio setting by faculty experienced in both teaching and professional practice. Students enrolled in this program develop knowledge and skills that enable them to become multi-functional professionals with the ability to blend the fundamentals of architectural design with business and creativity in technology and art.

Our BSc in Interior Design program is aligned with the Council for Interior Design Accreditation (CIDA) and has an emphasis on creativity and problem solving, while building professional competencies of design and technology with business and entrepreneurship through behavioural, technological, sustainable, and aesthetic exploration.

Here at CUD our goal is to provide our students with the highest quality education today in order to prepare them to become leaders of tomorrow.

The studio experience, central to our teaching model, challenges students to translate the classroom experience into practice. Students are urged to critically analyze situations and develop unique design solutions. In addition, our student body is extremely diverse, with nationalities from all corners of the globe, and each individual brings their unique perspectives, experiences, and strengths to our programs. We recognize the fast- paced evolution of architecture and sustainability and CUD strives to provide students with the best tools to becoming leading change makers within the industry.

School of Architecture and Interior Design
Canadian University Dubai

22.2 Department of Architecture

22.2.1 Bachelor of Architecture

Description:

Architecture combines art, science and technology in the creation of designs that shape our physical environment. Alongside a creative and analytical mind, professional architects require an understanding of the social, economic, legal and constructional environment in which they work.

The Bachelor of Architecture degree program will provide you with a good understanding of the functional areas of Architecture, including design tools, design methodologies, and design philosophies, allied with decision-making and effective presentation processes. It will develop your knowledge of professional architectural and ethical values and introduce you to the operating environment of architectural practice. Throughout the program you will form a good understanding and proven ability in the fundamentals of architectural design, enhance your abilities in graphic and oral communications and develop detailed knowledge of building systems, codes and appropriate technology and materials, as well as an appreciation of, and sensitivity towards, ecology and the environment.

Credential: Bachelor Degree Program
Duration: 5 Years (10 Semesters)
Credit Hours: 170 Credit Hours
Start Dates: Fall, Spring, and Summer

Benefits:

The Bachelor of Architecture program aims to support you in obtaining local professional registration, while at the same time enabling you to match the requirements of professional licensing with international associations. As a student of Architecture at CUD, you will also have the opportunity to take inspiration from a world-renowned architectural environment, as the University campus stands in close proximity to Dubai's iconic skyline, including the world's tallest building, the Burj Khalifa.

Career Opportunities:

With a Bachelor of Architecture degree, you will be equipped to pursue opportunities in the following:

- Architecture, Urban Design, Landscape and Interior design consultancies
- Real estate consultancies
- Construction & Project Management
- Government offices (Ministries and Municipalities)
- Facility Management
- Master degrees in Architecture, Urban Design, Landscape and Interior design
- Teaching positions in the related discipline

a) Program Learning Outcomes (PLOs)

Upon successful completion of the program the student will be able to:

1. Acquire competency in cross-disciplines allied general education knowledge as a background to the specific professional competencies of the architect focusing on Language, Humanities, Social Sciences, Mathematics and Natural Sciences.

2. Comprehend the complex relationships between Man and the Environment and responding to the specific and the diverse needs of individuals and cultures to achieve sustainable healthy environments.
3. Comprehend the global traditions of architecture, interior design, and art together with the basic principles of human behavior, design theories and strategies, creativity and the wider context of the creative arts.
4. Comprehend the general concepts and strategies pertaining to landscape, urban design, planning and the environment at large in order to achieve sustainable settings that conserve resources and provide healthy environments.
5. Comprehend the basic principles of construction materials and methods, environmental systems and building services, building economics and the general framework of regulations and codes as involved in the creation of architecture.
6. Comprehend the basic principles that govern the professional practice of architecture and the delivery of projects focusing on relationships within the architectural team, allied professions, and the public.
7. Able to think critically and to apply research methods pertaining to the context of Architecture to investigate and evaluate human needs and their architectural and urban settings and to abstract patterns and derive conclusions.
8. Create and refine architectural briefs out of general statements of needs, constraints, and resources.
9. Develop creative, sustainable, and comprehensive designs for complex architectural problems taking into considerations the particularity of users, cultures, constraints, resources and theories with the integration of structural, environmental and building systems considerations and life-safety provisions.
10. Assess and create the detailed elaborations of architectural components, building materials and assemblies focusing on construction, environmental systems and building envelopes and services.
11. Able to creatively use oral, manual and digital techniques to convey facts, arguments and points of reference concerning briefing, analysis and design formulations and their detailed documentation for purposes of review and construction.
12. Conduct research, abstract ideas and derive conclusions towards the synthesis of solutions to complex and particular design problems.
13. Perform the professional and managerial tasks involved in the practice of architecture individually and collaboratively with allied disciplines, consultants, clients, builders, and the public.
14. Recognize the emerging knowledge, skills and competencies required and to be able to plan and conduct a self-professional development program to comply with professional expectations.

b) Program Learning Outcomes (PLOs) Alignment with QF-Emirates

PLOs	Knowledge	Skills	Aspects of Competence		
			Autonomy & Responsibility	Role in Context	Self-Development
PLO1	✓				
PLO2	✓				
PLO3	✓				
PLO4	✓				
PLO5	✓				

PLOs	Knowledge	Skills	Aspects of Competence		
			Autonomy & Responsibility	Role in Context	Self-Development
PLO6	✓				
PLO7		✓			
PLO8		✓			
PLO9		✓			
PLO10		✓			
PLO11		✓			
PLO12			✓		
PLO13				✓	
PLO14					✓

c) Bachelor of Architecture Program Requirements

Requirements	Compulsory Cr. Hrs.	Elective Cr. Hrs.	Total Cr. Hrs.
University Requirements (GE Courses)	30	03	33
Program Core Requirements (Core Courses)	47	-	47
Program Major Requirements	81	09	90
Total	**158**	**12**	**170**

University Requirements [General Education Courses - 33 Credits]

Course Code		Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (30 Credits)				
LNG	171-1	English I	None	3
LNG	172-1	English II	LNG 171-1	3
LNG	173	Professional Communication Skills	LNG 172-1	3
GED	196E	Communication Skills in Arabic 1	None	3
GED	198E	Islamic Culture	None	3
GED	199E	UAE Society	None	3
MTH	112	Calculus I	Pass Math Placement Test or MTH 012	3
SCI	101	Physics I	None	3
ENT	141E	Fundamentals of Innovation and Entrepreneurship 1	None	2
ENT	142E	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
ENT	241	Entrepreneurship 1	ENT 142	2
ENT	242	Entrepreneurship 2	ENT 241	1
Elective Courses (Humanities - 03 Credits): Students are required to Select One Course from the following Pool				
GED	110E	Modern Art Appreciation	None	3
GED	111E	Music Appreciation and Communication	None	3
GED	112	Using Positive Psychology at Work	LNG 172	3
GED	205E	Psychology in Everyday Life	LNG 172	3
GED	252E	Critical Thinking	LNG 172	3
GED	272E	Fundamentals of Public Speaking	LNG 172	3
GED	298E	Special Topics in Western Culture	LNG 172, GED 198E	3
GED	324E	Ethical Reasoning for Today's World	LNG 172	3

Program Core Requirements [Core Courses - 47 Credits]

Course Code		Course Title	Prerequisite/Corequisite	Cr. Hrs.
DES	121	Design Theory	Co-DES 161 & DES 171	3
DES	122	Human Factors	Co-DES 162 & DES 172	3
DES	161	Introduction to Design (Studio)	Co-DES 121 & DES 171	4
DES	162	Fundamentals of Design (Studio)	DES 121, DES 161, DES 171 Co-DES 122 & DES 172	4
DES	171	Drafting and Modeling	Co-DES 121 & DES 161	3
DES	172	Freehand Drawing and Rendering	Co-DES 122 & DES 162	3
DES	221	History of Architecture and Interior Design 1	DES 121, LNG 171-1	3
DES	222	History of Architecture and Interior Design 2	DES 221	3
DES	241	Construction and Design Integration	DES 162	3
DES	261	Design Principles (Studio)	DES 122, DES 162, DES 172	6
DES	271	Computer Aided Design	DES 171	3
DES	341	Environmental Systems and Design Integration	ARC 232/IND 232, ARC 262/IND 262	3
DES	351	Internship	120 Cr. Hrs. & CGPA ≥ 2	3
DES	371	Working Drawings and Detailing	ARC 242/IND 242, ARC 361/IND 361	3

Program Major Requirements [90 Credits]

Course Code		Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (81 Credits)				
ARC	232	Site Planning and Landscape	None	3
ARC	242	Advanced Construction and Design Integration	DES 241	3
ARC	262	Design Methods (Studio)	DES 261	6
ARC	272	Building Information Modelling	DES 271	3
ARC	321	Research and Design Applications	LNG 173, ARC 262	3
ARC	342	Advanced Environmental Systems and Design Integration	ARC 242, DES 341	3
ARC	343	Structures 1	MTH 112, SCI 101, ARC 242	3
ARC	344	Structures 2	ARC 343	3
ARC	361	Environmental Design (Studio)	ARC 222, DES 262	6
ARC	362	Design Studio (Housing)	ARC 272, ARC 343, ARC 361	6
ARC	431	Planning and Urban Design	ARC 362	3
ARC	432	Vernacular Architecture and Conservation	DES 222	3
ARC	441	Building Code	ARC 362, DES 371	3
ARC	451	Professional Practice and Project Management	ARC 362	3
ARC	461	Urban Study (Studio)	ARC 321, ARC 362 & Co-ARC 431	6
ARC	462	Integrated Design (Studio)	ARC 272, ARC 342, ARC 344, ARC 461	6
ARC	521	Research and Design Explorations	ARC 441, ARC 321	3
ARC	541	Construction Economics	ARC 451	3
ARC	561	Design Studio (Institutional)	ARC 462, ARC 342	6
ARC	562	Senior Project - Design (Studio)	DES 351, ARC 344, ARC 432, ARC 521, ARC 541	6
Elective Courses (09 Credits): Students are required to Select Three Courses from the following courses				
ARC	345	GIS Applications in Architecture	ARC 342 or IND 342	3
ARC	433	Urban Studies Seminar	ARC 431	3
DES	322	Architecture of The Islamic World	DES 222	3

Course Code		Course Title	Prerequisite	Cr. Hrs.
DES	324	On Site Investigation	DES 222	3
DES	331	Landscape Architecture	ARC 232 or IND 232	3
DES	372	Graphic Design and Portfolio for Architects and Interior Designers	DES 271	3
DES	373	Visualization	DES 271	3
DES	442	Special Topics: Materials and Methods	ARC 342 or IND 342	3
DES	452	Professional Practice Seminar	ARC 362 or IND 362	3
DES	463	Complex Design Studio	ARC 362 or IND 362	3

Study Plan - Bachelor of Architecture

Sem.	Course Code		Course Title	Prerequisite/Corequisite	Cr. Hrs.
Semester 1	LNG	171-1	English I	None	3
	MTH	112	Calculus I	Pass Math Placement test or MTH 012	3
	DES	121	Design Theory	Co-DES 161 & DES 171	3
	DES	161	Introduction to Design (Studio)	Co-DES 121 & DES 171	4
	DES	171	Drafting and Modelling	Co-DES 121 & DES 161	3
	ENT	141	Fundamentals of Innovation and Entrepreneurship 1	None	2
	Total				**18**
Semester 2	LNG	172-1	English II	LNG 171-1	3
	SCI	101	Physics I	None	3
	DES	172	Freehand Drawing and Rendering	Co-DES 122 & DES 162	3
	DES	122	Human Factors	Co-DES 162 & DES 172	3
	DES	162	Fundamentals of Design (Studio)	DES 121, DES 161, DES 171 Co-DES 122 & DES 172	4
	ENT	142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
	Total				**17**
Semester 3	DES	221	History of Architecture and Interior Design 1	DES 121, LNG 171	3
	DES	241	Construction and Design Integration	DES 162	3
	DES	261	Design Principles (Studio)	DES 122, DES 162, DES 172	6
	DES	271	Computer Aided Design	DES 171	3
	ENT	241	Entrepreneurship 1	ENT 142	2
	Total				**17**
Semester 4	DES	222	History of Architecture and Interior Design 2	DES 221	3
	ARC	232	Site Planning and Landscape	None	3
	ARC	242	Advanced Construction and Design Integration	DES 241	3
	ARC	262	Design Methods (Studio)	DES 261	6
	ARC	272	Building Information Modelling	DES 271	3
	ENT	242	Entrepreneurship 2	ENT 241	1
	Total				**19**
Semester 5	LNG	173	Professional Communication Skills	LNG 172-1	3
	DES	341	Environmental Systems and Design Integration	ARC 232/IND 232, ARC 262/IND 262	3
	ARC	343	Structures 1	MTH 112, SCI 101, ARC 242	3
	ARC	361	Environmental Design (Studio)	ARC 262, DES 222	6
	XXX	XXX	Major Elective (1)		3
	Total				**18**
Semester 6	ARC	321	Research and Design Applications	ARC 262, LNG 173	3
	ARC	342	Advanced Environmental Systems & Design Integration	DES 341, ARC 242	3
	ARC	344	Structures 2	ARC 343	3
	ARC	362	Design Studio (Housing)	ARC 361, ARC 343, ARC 272	6
	DES	371	Working Drawings and Detailing	ARC 242/IND 242, ARC 361/IND 361	3
	Total				**18**
Semester 7	GED	199	UAE Society	None	3
	ARC	431	Planning and Urban Design	ARC 362	3
	ARC	432	Vernacular Architecture and Conservation	DES 222	3
	ARC	461	Urban Study (Studio)	ARC 362, ARC 321 & Co ARC 431	6
	Total				**15**
Semester 8	ARC	441	Building Code	ARC 362, DES 371	3
	ARC	451	Professional Practice and Project Management	ARC 362	3
	ARC	462	Integrated Design (Studio)	ARC 272, ARC 342, ARC 344, ARC 461	6
	XXX	XXX	Major Elective (2)		3
	Total				**15**

Sem.	Course Code		Course Title	Prerequisite/Corequisite	Cr. Hrs.
Semester 9	GED	XXX	Humanities Elective		3
	ARC	561	Design Studio (Institutional)	ARC 342, ARC 462	6
	ARC	541	Construction Economics	ARC 451	3
	ARC	521	Research and Design Explorations	ARC 321, ARC 441	3
	Total				**15**
Semester 10	GED	196	Communication Skills in Arabic 1	None	3
	GED	198E	Islamic Culture	None	3
	ARC	562	Senior Project - Design (Studio)	DES 351, ARC 344, ARC 432, ARC 521, ARC 541	6
	XXX	XXX	Major Elective (3)		3
	Total				**15**
	DES	**351**	**Internship**	120 Cr. Hrs. & CGPA ≥ 2	**3**
Total Credit Hours					**170**

22.2.2 Bachelor of Science in Architectural Studies

- Building Information Modelling
- Sustainability

Description:

The Architecture Department at CUD provides an exciting learning environment in the heart of Dubai, the design capital of the Middle East. Our strong connection to the local and global industry provides our students with a vast playing field to prepare themselves for careers with enormous potential and possibilities. The Bachelor of Science in Architectural Studies is a pre-professional degree program that provides you with a broad understanding of architecture, specializing in the technology of BIM and Sustainable Design. It will develop your knowledge of professional architectural technology and introduce you to the operating environment of architectural practice. This is a 4-year pre-professional degree that does not qualify for professional licensing as an architect but opens the door for many career paths.

We offer an interactive, trendy, and market-relevant program delivered in a state-of-the-art studio and lab setting by faculty experienced in both BIM & Sustainability. The Department of Architecture offers an industry-aligned program focusing on transdisciplinary learning, intertwining sciences, digital communication, humanities, and arts to build a well-equipped graduate profile that is responsive to contemporary architectural design thinking.

Throughout the program you will form a good understanding and proven ability in the fundamentals of architectural design, enhance your abilities in graphic, digital modelling, and oral communications and develop knowledge of building systems, and appropriate technology and materials, as well as an appreciation of, and sensitivity towards sustainability and the environment.

Credential: Bachelor Degree Program
Duration: 4 Years (8 Semesters)
Credit Hours: 140 Credit Hours
Start Dates: Fall, Spring, and Summer

Note: *The Bachelor of Science in Architectural Studies program is designed as a pre-architecture degree as per the Canadian Education System.*

The program is not a degree in Architecture. Hence, it may not lead to employment as an Architecture professional but rather a pre-professional in the Architecture field.

Program Benefits:

Graduates with a Bachelor of Science in Architectural Studies will be equipped with:

- Creative and analytical skills.
- An understanding of the economic, social, constructional, and legal environments in which the practice of Architecture operates.
- Knowledge of professional architectural and ethical values.
- A good understanding and proven ability in the fundamentals of architectural design.
- An enhanced ability in digital modeling, graphic and oral communication.
- A good knowledge of building systems, appropriate technology, and materials, and an appreciation of and sensitivity toward a sustainable environment.

Career Opportunities:

Graduates with a Bachelor of Science in Architectural Studies will be equipped to pursue opportunities in the following areas:

- Architecture
- Urban Design
- Urban Planning
- Space Planning
- Landscape
- Interior Design
- BIM Manager
- Sustainability Appraiser
- Real Estate
- Construction & Project Management
- Government Offices (Ministries and Municipalities)
- Teaching positions in related discipline
- Various graduate programs

a) Program Learning Outcomes (PLOs)

Bachelor of Science in Architectural Studies - Building Information Modelling

Upon successful completion of the program the student will be able to:

1. Acquire competency in cross-disciplines allied general education knowledge as a background to the specific professional competencies of the architect focusing on Language, Humanities, Social Sciences, Mathematics and Natural Sciences
2. Comprehend the complex relationships between Man and the Environment and responding to the specific and the diverse needs of individuals and cultures to achieve sustainable healthy environments
3. Comprehend the global traditions of architecture, interior design and art and the basic concepts involved in human behavior, design theories and strategies, creativity, sustainability, landscape and site considerations
4. Comprehend the general framework of Building Information Modeling focusing on the main concepts, strategies and tools and its role, among the different specializations, in the design and delivery of architecture and in the simulation of Building Performance against building and environmental criteria
5. Comprehend the basic principles of construction materials and methods, environmental systems and building services, building economics and the general framework of regulations and codes as involved in the creation of architecture
6. Comprehend the basic principles that govern the professional practice of architecture and the delivery of projects focusing on relationships within the architectural team, allied professions and the public
7. Able to think critically and to apply research methods pertaining to the context of Architecture to investigate and evaluate human needs and their architectural and urban settings and to abstract patterns and derive conclusions

8. Create and refine general architectural briefs, to formulate innovative sustainable designs and to elaborate their components in some detail taking into considerations the particularity of users, resources and the integration among the structural, environmental and building systems considerations
9. Develop and create models, using varying digital techniques and tools, complete architectural projects and detailed building elements and systems focusing on the integration among the varied disciplines involved in the design and delivery of buildings.
10. Able to produce Building Performance Assessment against selected building and environmental variables pertaining to the technical performance and the life span of buildings
11. Able to creatively use oral, manual and digital techniques to convey facts, arguments and points of reference concerning briefing, analysis and design formulations and their detailed documentation for purposes of review and construction
12. Conduct research, abstract ideas and derive conclusions towards the synthesis of solutions to complex and particular design problems
13. Perform the professional and managerial tasks involved in the practice of architecture individually and collaboratively with allied disciplines, consultants, clients, builders and the public
14. Recognize the emerging knowledge, skills and competencies required and to be able to plan and conduct a self-professional development program to comply with professional expectations.

Bachelor of Science in Architectural Studies - Sustainability

Upon successful completion of the program the student will be able to:

1. Acquire competency in cross-disciplines allied general education knowledge as a background to the specific professional competencies of the architect focusing on Language, Humanities, Social Sciences, Mathematics and Natural Sciences.
2. Comprehend the complex relationships between Man and the Environment and responding to the specific and the diverse needs of individuals and cultures to achieve sustainable healthy environments.
3. Comprehend the global traditions of architecture, interior design and art and the basic concepts involved in human behavior, design theories and strategies, creativity, sustainability, landscape and site considerations.
4. Comprehend the general framework of Sustainability focusing on the main concepts, strategies and methods and on the objectives and methods of the local and international Rating Systems and their implementation on varied levels of the built environment.
5. Comprehend the basic principles of construction materials and methods, environmental systems and building services, building economics and the general framework of regulations and codes as involved in the creation of architecture.
6. Comprehend the basic principles that govern the professional practice of architecture and the delivery of projects focusing on relationships within the architectural team, allied professions and the public.
7. Able to think critically and to apply research methods pertaining to the context of Architecture to investigate and evaluate human needs and their architectural and urban settings and to abstract patterns and derive conclusions.
8. Create & refine general architectural briefs, to formulate innovative sustainable designs and to elaborate their components in some detail taking into considerations the particularity of

users, resources and the integration among the structural, environmental and building systems considerations.

9. Develop and create sustainable design responses in view of specific Sustainability concepts and strategies covering overall design formulation, building materials and the elaboration in detail of selected components and assemblies.
10. Able to produce rating assessments of whole buildings and their constituent elements and assemblies in view of local and international Sustainability Rating Systems.
11. Able to creatively use oral, manual and digital techniques to convey facts, arguments and points of reference concerning briefing, analysis and design formulations and their detailed documentation for purposes of review and construction.
12. Conduct research, abstract ideas and derive conclusions towards the synthesis of solutions to complex and particular design problems.
13. Perform the professional and managerial tasks involved in the practice of architecture individually and collaboratively with allied disciplines, consultants, clients, builders and the public.
14. Recognize the emerging knowledge, skills and competencies required and to be able to plan and conduct a self-professional development program to comply with professional expectations.

b) Program Learning Outcomes (PLOs) Alignment with QF-Emirates

PLOs	Knowledge	Skills	Aspects of Competence		
			Autonomy & Responsibility	Role in Context	Self-Development
PLO1	✓				
PLO2	✓				
PLO3	✓				
PLO4	✓				
PLO5	✓				
PLO6	✓				
PLO7		✓			
PLO8		✓			
PLO9		✓			
PLO10		✓			
PLO11		✓			
PLO12			✓		
PLO13				✓	
PLO14					✓

c) Bachelor of Science in Architectural Studies Program Requirements

Requirements	Compulsory Cr. Hrs.	Elective Cr. Hrs.	Total Cr. Hrs.
University Requirements (GE Courses)	30	-	30
Program Core Requirements (Core Courses)	47	-	47
Program Major Requirements	39	03	42
Concentration Requirements	15	06	21
Total	**131**	**09**	**140**

University Requirements [General Education Courses - 30 Credits]

Course Code		Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (30 Credits)				
LNG	171-1	English I	None	3
LNG	172-1	English II	LNG 171-1	3
LNG	173	Professional Communication Skills	LNG 172-1	3
GED	196E	Communication Skills in Arabic 1	None	3
GED	198E	Islamic Culture	None	3
GED	199E	UAE Society	None	3
MTH	112	Calculus I	Pass Math Placement Test or MTH 012	3
SCI	101	Physics I	None	3
ENT	141E	Fundamentals of Innovation and Entrepreneurship 1	None	2
ENT	142E	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
ENT	241	Entrepreneurship 1	ENT 142	2
ENT	242	Entrepreneurship 2	ENT 241	1

Program Core Requirements [Core Courses - 47 Credits]

Course Code		Course Title	Prerequisite/Corequisite	Cr. Hrs.
DES	121	Design Theory	Co-DES 161 & DES 171	3
DES	122	Human Factors	Co-DES 162 & DES 172	3
DES	161	Introduction to Design (Studio)	Co-DES 121 & DES 171	4
DES	162	Fundamentals of Design (Studio)	DES 121, DES 161, DES 171 Co-DES 122 & DES 172	4
DES	171	Drafting and Modeling	Co-DES 121 & DES 161	3
DES	172	Freehand Drawing and Rendering	Co-DES 122 & DES 162	3
DES	221	History of Architecture and Interior Design 1	DES 121, LNG 171	3
DES	222	History of Architecture and Interior Design 2	DES 221	3
DES	241	Construction and Design Integration	DES 162	3
DES	261	Design Principles (Studio)	DES 122, DES 162, DES 172	6
DES	271	Computer Aided Design	DES 171	3
DES	341	Environmental Systems and Design Integration	ARC 232/IND 232, ARC 262/IND 262	3
DES	351	Internship	120 Cr. Hrs. & CGPA ≥ 2	3
DES	371	Working Drawings and Detailing	ARC 242/IND 242, ARC 361/IND 361	3

Program Major Requirements [42 Credits]

Course Code		Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (39 Credits)				
ARC	232	Site Planning and Landscape	None	3
ARC	242	Advanced Construction and Design Integration	DES 241	3
ARC	262	Design Methods (Studio)	DES 261	6
ARC	272	Building Information Modelling	DES 271	3
ARC	321	Research and Design Applications	LNG 173, ARC 262	3
ARC	342	Advanced Environmental Systems and Design Integration	DES 341, ARC 242	3
ARC	343	Structures 1	MTH 112, SCI 101, ARC 242	3
ARC	344	Structures 2	ARC 343	3
ARC	361	Environmental Design (Studio)	ARC 262, DES 222	6

Course Code		Course Title	Prerequisite	Cr. Hrs.
ARC	362	Design Studio (Housing)	ARC 272, ARC 343, ARC 361	6
Elective Courses (03 Credits): Students are required to Select One Course from the following courses				
ARC	345	GIS Applications in Architecture	ARC 342 or IND 342	3
DES	322	Architecture of The Islamic World	DES 222	3
DES	324	On Site Investigation	DES 222	3
DES	331	Landscape Architecture	ARC 232 or IND 232	3
DES	372	Graphic Design and Portfolio for Architects and Interior Designers	DES 271	3
DES	373	Visualization	DES 271	3
DES	442	Special Topics: Materials and Methods	ARC 342 or IND 342	3
DES	452	Professional Practice Seminar	ARC 362 or IND 362	3
DES	463	Complex Design Studio	ARC 362 or IND 362	3

Concentration Requirements [21 Credits]

There are two concentrations (Building Information Modeling and Sustainability) for Bachelor of Science in Architectural Studies and students are required to select one of the concentrations. For the selected concentration, students are required to complete successfully 05 courses (21 Credit Hours) of which three courses (15 Cr. Hrs.) are compulsory and two courses (06 Cr. Hrs.) are Electives.

i. Building Information Modeling (BIM) Concentration Courses [21 Credits]

Course Code		Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (15 Credits)				
BIM	441	Building Information Modeling and Quantification	300 Series	3
BIM	461	BIM Specialized Design Studio	300 Series	6
BIM	462	BIM Senior Project - Design (Studio)	BIM 461, ARC 272	6
Elective Courses (06 Credits): Students are required to Select Two Courses from the following courses				
BIM	442	BIM Simulation and Parametric Design	300 Series	3
BIM	443	Building Information Management	300 Series	3
BIM	444	MEP Modelling	300 Series	3

ii. Sustainability Concentration Courses [21 Credits]

Course Code		Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (15 Credits)				
BIM	441	Building Information Modeling and Quantification	300 Series	3
SUS	461	Sustainability Specialized Design Studio	300 Series	6
SUS	462	Sustainability Senior Project - Design (Studio)	SUS 461, SUS 432/SUS 431/SUS 430	6
Elective Courses (06 Credits): Students are required to Select Two Courses from the following courses				
SUS	430	Sustainable Urban Planning and Design	300 Series	3
SUS	431	Ecological Design	300 Series	3
SUS	432	Sustainable Rating Systems	300 Series	3

Study Plan - Bachelor of Science in Architectural Studies (Building Information Modeling)

Sem.	Course Code		Course Title	Prerequisite/Corequisite	Cr. Hrs.
Semester 1	LNG	171-1	English I	None	3
	MTH	112	Calculus I	Pass Math Placement test or MTH 012	3
	DES	121	Design Theory	Co-DES 171 & DES 161	3
	DES	161	Introduction to Design (Studio)	Co-DES 171 & DES 121	4
	DES	171	Drafting and Modelling	Co-DES 161 & DES 121	3
	ENT	141	Fundamentals of Innovation and Entrepreneurship 1	None	2
Total					**18**
Semester 2	LNG	172-1	English II	LNG 171-1	3
	SCI	101	Physics I	None	3
	DES	172	Freehand Drawing and Rendering	Co-DES 122 & DES 162	3
	DES	122	Human Factors	Co-DES 162 & DES 172	3
	DES	162	Fundamentals of Design (Studio)	DES 171, DES 161, DES 121 Co-DES 172 & DES 122	4
	ENT	142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
Total					**17**
Semester 3	DES	221	History of Architecture and Interior Design 1	DES 121, LNG 171	3
	DES	241	Construction and Design Integration	DES 162	3
	DES	261	Design Principles (Studio)	DES 122, DES 162, DES 172	6
	DES	271	Computer Aided Design	DES 171	3
	ENT	241	Entrepreneurship 1	ENT 142	2
Total					**17**
Semester 4	DES	222	History of Architecture and Interior Design 2	DES 221	3
	ARC	232	Site Planning and Landscape	None	3
	ARC	242	Advanced Construction and Design Integration	DES 241	3
	ARC	262	Design Methods (Studio)	DES 261	6
	ARC	272	Building Information Modelling	DES 271	3
	ENT	242	Entrepreneurship 2	ENT 241	1
Total					**19**
Semester 5	GED	196	Communication Skills in Arabic 1	None	3
	DES	341	Environmental Systems and Design Integration	ARC 232/IND 232, ARC 262/IND 262	3
	ARC	343	Structures 1	MTH 112, SCI 101, ARC 242	3
	ARC	361	Environmental Design (Studio)	ARC 262, DES 222	6
	LNG	173	Professional Communication Skills	LNG 172-1	3
Total					**18**
Semester 6	ARC	321	Research and Design Applications	LNG 173, ARC 262	3
	ARC	342	Advanced Environmental Systems & Design Integration	ARC 242, DES 341	3
	ARC	344	Structures 2	ARC 343	3
	ARC	362	Design Studio (Housing)	ARC 272, ARC 343, ARC 361	6
	DES	371	Working Drawings and Detailing	ARC 242/IND 242, ARC 361/IND 361	3
Total					**18**
Semester 7	GED	199	UAE Society	None	3
	BIM	441	Building Information Modeling and Quantification	300 series	3
	BIM	461	BIM Specialized Design Studio	300 Series	6
	BIM	XXX	BIM Concentration Elective (1)	ARC 272 & 300 Series	3
Total					**15**
Semester 8	GED	198	Islamic Culture	None	3
	XXX	XXX	Major Elective		3
	BIM	XXX	BIM Concentration Elective (2)	ARC 272 & 300 Series	3
	BIM	462	BIM Senior Project – Design (Studio)	BIM 461 & ARC 272	6
Total					**15**
DES 351 Internship (Between Semesters 6 and 7 & After Semester 8)				90 Cr. Hrs. & CGPA ≥ 2	**3**
Total Credit Hours					**140**

Study Plan - Bachelor of Science in Architectural Studies (Sustainability)

Sem.	Course Code		Course Title	Prerequisite/Corequisite	Cr. Hrs.
Semester 1	LNG	171-1	English I	None	3
	MTH	112	Calculus I	Pass Math Placement test or MTH 012	3
	DES	121	Design Theory	Co-DES 161 & DES 171	3
	DES	161	Introduction to Design (Studio)	Co-DES 121 & DES 171	4
	DES	171	Drafting and Modelling	Co-DES 121 & DES 161	3
	ENT	141	Fundamentals of Innovation and Entrepreneurship 1	None	2
Total					**18**
Semester 2	LNG	172-1	English II	LNG 171-1	3
	SCI	101	Physics I	None	3
	DES	172	Freehand Drawing and Rendering	Co-DES 122 & DES 162	3
	DES	122	Human Factors	Co-DES 172 & DES 162	3
	DES	162	Fundamentals of Design (Studio)	DES 121, DES 161, DES 171 Co-DES 172 & DES 122	4
	ENT	142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
Total					**17**
Semester 3	DES	221	History of Architecture and Interior Design 1	DES 121, LNG 171	3
	DES	241	Construction and Design Integration	DES 162	3
	DES	261	Design Principles (Studio)	DES 122, DES 162, DES 172	6
	DES	271	Computer Aided Design	DES 171	3
	ENT	241	Entrepreneurship 1	ENT 142	2
Total					**17**
Semester 4	DES	222	History of Architecture and Interior Design 2	DES 221	3
	ARC	232	Site Planning and Landscape	None	3
	ARC	242	Advanced Construction and Design Integration	DES 241	3
	ARC	262	Design Methods (Studio)	DES 261	6
	ARC	272	Building Information Modelling	DES 271	3
	ENT	242	Entrepreneurship 2	ENT 241	1
Total					**19**
Semester 5	GED	196	Communication Skills in Arabic 1	None	3
	DES	341	Environmental Systems and Design Integration	ARC 232/IND 232, ARC 262/IND 262	3
	ARC	343	Structures 1	MTH 112, SCI 101, ARC 242	3
	ARC	361	Environmental Design (Studio)	DES 222, ARC 262	6
	LNG	173	Professional Communication Skills	LNG 172-1	3
Total					**18**
Semester 6	ARC	321	Research and Design Applications	LNG 173, ARC 262	3
	ARC	342	Advanced Environmental Systems & Design Integration	DES 341, ARC 242	3
	ARC	344	Structures 2	ARC 343	3
	ARC	362	Design Studio (Housing)	ARC 272, ARC 343, ARC 361	6
	DES	371	Working Drawings and Detailing	ARC 242/IND 242, ARC 361/IND 361	3
Total					**18**
Semester 7	GED	199	UAE Society	None	3
	BIM	441	Building Information Modeling and Quantification	300 series	3
	SUS	461	Sustainability Specialized Design Studio	300 Series	6
	SUS	XXX	SUS Concentration Elective (1)	300 series	3
Total					**15**
Semester 8	GED	198	Islamic Culture	None	3
	XXX	XXX	Major Elective		3
	SUS	XXX	SUS Concentration Elective (2)	300 series	3
	SUS	462	Sustainability Senior Project-Design (Studio)	SUS 461 and SUS Elective	6
Total					**15**
DES 351 Internship (Between Semesters 6 and 7 & after semester 8)				90 Cr. Hrs. & CGPA ≥ 2	**3**
Total Credit Hours					**140**

22.3 Department of Interior Design

22.3.1 Bachelor of Science in Interior Design

Description:

Interior Design is a profession that requires creativity, versatility and a solid educational foundation. At CUD, the degree program curriculum will provide you with the core requirements in the various disciplines of Interior Design, with a strong focus on their professional application.

As an Interior Design student, you will learn about the functional areas of the profession, including design tools, design methodologies and design philosophies, allied to decision-making and effective presentation processes. The program will develop your creative and analytical skills, advance your knowledge of professional design and ethical values, and enhance your abilities in graphic and oral communication. You will acquire knowledge of interior building systems, codes and appropriate materials, and cultivate a proven ability in the fundamentals of interior design, while developing your understanding of the economic, social, constructional, and legal environments in which the practice of interior design operates.

Credential: Bachelor Degree Program
Duration: 4 Years (8 Semesters)
Credit Hours: 128 Credit Hours
Start Dates: Fall, Spring and Summer

Benefits:

The Bachelor of Science in Interior Design program aims to support you in obtaining local professional registration, while at the same time enabling you to match the requirements of professional licensing with international associations. CUD's dedicated design studios allow students of the program to apply their theoretical learning through practical assignments that provide an insight into professional projects in the field.

Career Opportunities:

With a Bachelor of Science in Interior Design you will be equipped with a wide range of design skills that will open up opportunities in the following:

- Interior Designer
- Spatial designer and Space Planner
- Furniture Designer
- Set, Exhibition and Theatre Designer
- Production Designer (theatre/TV/Movies)
- Lighting Designer
- Architecture, Interior Design, Event and Exhibition Design Consultancies
- Sustainable design consultants
- Visual Merchandiser
- Government Offices (Ministries and Municipalities)
- Real Estate Consultancies
- Project Management
- Facilities Management
- Teaching positions in related discipline
- Researcher
- Master's degree in interior design

a) Program Learning Outcomes (PLOs)

Upon successful completion of the program the student will be able to:

1. Understanding of the complex relationships between Man and the Environment and responding to the specific and the diverse needs of individuals and cultures to achieve sustainable interiors.
2. Understanding the global traditions of Architecture, Interior Design and Art together with the principles of human behavior, design theories as examined within the wider context of the creative arts.
3. Understanding the general principles of construction, materials, environmental systems and building services as involved in the creation of Interior environments.
4. Understanding of the basic principles relating to the financial implications of design decisions in addition to the wider framework of regulations, codes and guidelines pertaining to interior environments.
5. Understanding the principles that govern the professional practice of Interior Design and the delivery of projects with particular focus on relationships within the design team, allied professions and the public
6. Ability to think critically, derive conclusions and to investigate human and spatial patterns in addition to applying research methods pertaining to the context of Interior Design.
7. Ability to create and develop Interior Design briefs out of general statements of needs, constraints and resources.
8. Ability to compose solutions to complex interior design problems taking into considerations the particularity of users, cultures, constraints, resources and the prevailing theoretical positions.
9. Ability to create detailed elaborations of Interior design components with particular focus on, materiality, FF+E, construction details and environmental systems to reflect the aesthetic dimensions of interiors environment.
10. Ability to use manual and digital techniques to convey design analysis and decisions as well as the elaborated descriptions of interior space, elements and materials.
11. Ability to convey facts and arguments impacting interior briefing and design in clear and creative manners.
12. Ability to assume responsibility in conducting research, abstracting ideas and deriving conclusions towards the synthesis of solutions to complex and particular interior design problems.
13. Ability to perform professional and managerial tasks involved in the practice of Interior Design, individually and collaboratively with allied disciplines, consultants, clients, builders and the public, in order to maintain the professional standards of the interior industry.
14. Ability to recognize the emerging knowledge, skills and competencies required and to be able to plan and conduct a self-professional development program to comply with the professional expectations of the interior design industry.

b) Program Learning Outcomes (PLOs) Alignment with QF-Emirates

PLOs	Knowledge	Skills	Aspects of Competence		
			Autonomy & Responsibility	Role in Context	Self-Development
PLO1	✓				
PLO2	✓				
PLO3	✓				
PLO4	✓				
PLO5	✓				
PLO6	✓				
PLO7		✓			
PLO8		✓			
PLO9		✓			
PLO10		✓			
PLO11		✓			
PLO12			✓		
PLO13				✓	
PLO14					✓

c) Bachelor of Science in Interior Design Program Requirements

Requirements	Compulsory Cr. Hrs.	Elective Cr. Hrs.	Total Cr. Hrs.
University Requirements (GE Courses)	27	-	27
Program Core Requirements (Core Courses)	47	-	47
Program Major Requirements	51	03	54
Total	**125**	**03**	**128**

University Requirements [General Education Courses - 27 Credits]

Course Code		Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (27 Credits)				
LNG	171-1	English I	None	3
LNG	172-1	English II	LNG 171-1	3
LNG	173	Professional Communication Skills	LNG 172-1	3
GED	196E	Communication Skills in Arabic 1	None	3
GED	198E	Islamic Culture	None	3
GED	199E	UAE Society	None	3
MTH	196	Mathematics for Business	None	3
ENT	141E	Fundamentals of Innovation and Entrepreneurship 1	None	2
ENT	142E	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
ENT	241	Entrepreneurship 1	ENT 142	2
ENT	242	Entrepreneurship 2	ENT 241	1

Program Core Requirements [Core Courses - 47 Credits]

Course Code		Course Title	Prerequisite/Corequisite	Cr. Hrs.
DES	121	Design Theory	Co-DES 161 & DES 171	3
DES	122	Human Factors	Co-DES 162 & DES 172	3
DES	161	Introduction to Design (Studio)	Co-DES 121 & DES 171	4
DES	162	Fundamentals of Design (Studio)	DES 121, DES 161, DES 171 Co-DES 122 & DES 172	4

Course Code		Course Title	Prerequisite/Corequisite	Cr. Hrs.
DES	171	Drafting and Modeling	Co-DES 121 & DES 161	3
DES	172	Freehand Drawing and Rendering	Co-DES 122 & DES 162	3
DES	221	History of Architecture and Interior Design 1	DES 121, LNG 171	3
DES	222	History of Architecture and Interior Design 2	DES 221	3
DES	241	Construction and Design Integration	DES 162	3
DES	261	Design Principles (Studio)	DES 122, DES 162, DES 172	6
DES	271	Computer Aided Design	DES 171	3
DES	341	Environmental Systems and Design Integration	ARC 232/IND 232, ARC 262/IND 262	3
DES	351	Internship	120 Cr. Hrs. & CGPA ≥ 2	3
DES	371	Working Drawings and Detailing	ARC 242/IND 242, ARC 361/IND 361	3

Program Major Requirements [54 Credits]

Course Code		Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (51 Credits)				
IND	232	Research and Design Applications	LNG 172, DES 261	3
IND	242	Construction and Design Integration: Interior Design	DES 241	3
IND	262	Residential Design (Studio)	DES 261	6
IND	331	Furniture Design and Detailing	DES 122, DES 222	3
IND	342	Lighting and Acoustics	DES 341, IND 242	3
IND	343	Interior Finishes and Materials	IND 242	3
IND	344	Building Code	IND 343	3
IND	351	Professional Practice and Project Management	IND 361	3
IND	361	Institutional Design (Studio)	DES 222, IND 262	6
IND	362	Commercial Design (Studio)	DES 271, IND 361	6
IND	461	Senior Project - Dissertation (Studio)	IND 232, IND 331, IND 342, IND 344, IND 362	6
IND	462	Senior Project Design (Studio)	DES 351, DES 371, IND 461	6
Elective Courses (03 Credits): Students are required to Select One Course from the following courses				
DES	231	Sustainability of Buildings	DES 162	3
DES	322	Architecture of The Islamic World	DES 222	3
DES	324	On Site Investigation	DES 222	3
DES	372	Graphic Design and Portfolio for Architects and Interior Designers	DES 271	3
DES	373	Visualization	DES 271	3
DES	431	Principles of Landscape Design	IND 262	3
DES	442	Special Topics: Materials and Methods	ARC 342 or IND 342	3
DES	452	Professional Practice Seminar	ARC 362 or IND 362	3
DES	463	Complex Design Studio	ARC 362 or IND 362	3

Study Plan - Bachelor of Science in Interior Design

Sem.	Course Code		Course Title	Prerequisite/ Corequisite	Cr. Hrs.
Semester 1	LNG	171-1	English I	None	3
	MTH	196	Mathematics for Business	None	3
	DES	121	Design Theory	Co-DES 161 & DES 171	3
	DES	161	Introduction to Design (Studio)	Co-DES 121 & DES 171	4
	DES	171	Drafting and Modelling	Co-DES 121 & DES 161	3
	ENT	141	Fundamentals of Innovation and Entrepreneurship 1	None	2
Total					**18**
Semester 2	LNG	172-1	English II	LNG 171-1	3
	DES	172	Freehand Drawing and Rendering	Co- DES 122 & DES 162	3
	DES	122	Human Factors	Co-DES 162 & DES 172	3
	DES	162	Fundamentals of Design (Studio)	DES 121, DES 161, DES 171 Co-DES 122 & DES 172	4
	ENT	142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
	GED	199	UAE Society	None	3
Total					**17**
Semester 3	DES	221	History of Architecture and Interior Design 1	DES 121, LNG 171	3
	DES	241	Construction and Design Integration	DES 162	3
	DES	261	Design Principles (Studio)	DES 122, DES 162, DES 172	6
	DES	271	Computer Aided Design	DES 171	3
	ENT	241	Entrepreneurship 1	ENT 142	2
Total					**17**
Semester 4	DES	222	History of Architecture and Interior Design 2	DES 221	3
	IND	232	Research and Design Applications	LNG 172, DES 261	3
	IND	242	Construction and Design Integration: Interior Design	DES 241	3
	IND	262	Residential Design (Studio)	DES 261	6
	ENT	242	Entrepreneurship 2	ENT 241	1
Total					**16**
Semester 5	DES	341	Environmental Systems and Design Integration.	ARC 232/IND 232, ARC 262/IND 262	3
	IND	331	Furniture Design and Detailing	DES 122, DES 222	3
	IND	343	Interior Finishes and Materials	IND 242	3
	IND	361	Institutional Design (Studio)	DES 222, IND 262	6
	LNG	173	Professional Communication Skills	LNG 172-1	3
Total					**18**
Semester 6	IND	342	Lighting and Acoustics	DES 341, IND 242	3
	IND	344	Building Code	IND 343	3
	IND	362	Commercial Design (Studio)	DES 271, IND 361	6
	DES	371	Working Drawings and Detailing	ARC 242/IND 242, ARC 361/IND 361	3
	IND	351	Professional Practice and Project Management	IND 361	3
Total					**18**
Semester 7	GED	196	Communication Skills in Arabic 1	None	3
	IND	461	Senior Project – Dissertation (Studio)	IND 232, IND 331, IND 342, IND 344, IND 362	6
	XXX	XXX	Major Elective		3
Total					**12**
Semester 8	GED	198	Islamic Culture	None	3
	IND	462	Senior Project Design (Studio)	DES 351, DES 371, IND 461	6
Total					**9**
DES 351 Internship (Between Semesters 6 and 7 & After Semester 8)				90 Cr. Hrs. & CGPA ≥ 2.0	**3**
Total Credit Hours					**128**

School of Engineering, Applied Science and Technology

A Word from the Dean

Welcome to the School of Engineering, Applied Science and Technology

From the vibrant city of Dubai, the School of Engineering, Applied Science at the Canadian University Dubai (CUD) offers a wide range of dynamic, technology-driven programs based on the Canadian curriculum and education principles to enable students to earn a world-class, internationally recognized degrees.

Through direct partnerships with leading Canadian institutions, our two departments, *Electrical Engineering* and *Computer Engineering and Computational Sciences,* offer the unique opportunity of a 2+2 transfer program where students can study their first 2 years in Dubai and complete the final 2 years in Canada at one of our partners. We are proud of partnering with *Queen's University* in Kingston, Ontario, and the *British Colombia Institute of Technology (BCIT)* in Vancouver, British Colombia. This 2+2 transfer program allows students to eventually earn a Canadian degree from these reputable educational institutions.

The department of *Electrical Engineering* offers a Bachelor of Science (BSc) in Electrical Engineering, with concentrations in the high-demand disciplines of Electronics, Mechatronics, and Telecommunications. In the department of *Computer Engineering and Computational Science*, we offer a Bachelor of Science in Computer Science, Bachelor of Science in Cyber Security, Bachelor of Science in Software Design, and a Bachelor of Science in Computer Network Engineering Technology.

Throughout each academic program, the faculty uses state-of-the-art technologies and labs to ensure that students are trained to 'hit the ground running' when they join the workplace. As a prospective student, you will experience a learning environment where excellence in instruction, mastery of technology, and outstanding opportunities for work placement (internships) and research are our top priorities. Courses are taught by high-caliber professors and lab instructors with previous teaching and working experience in North America.

Moreover, at CUD, our undergraduate students seize the unique opportunity of engaging in research with faculty members, which provides a head-start in building their creative portfolio and strengthens their profiles should they wish to pursue graduate studies. Our students have gone on to further their studies in Canada, or take on challenging and rewarding roles in industry, both locally and internationally.

We would be delighted to tell you more about our programs and our captivating campus in downtown Dubai. Please contact DeanFEAST@cud.ac.ae for more information.

School of Engineering, Applied Science and Technology
Canadian University Dubai

22.4 Department of Computer Engineering and Computational Science

22.4.1 Bachelor of Computer and Networking Engineering Technology

Description:

Computer and Networking Engineering Technology (CNET) is a 4-year Bachelor of Engineering Technology degree. Dubai has a critical need for networking professionals, a demand which is being addressed by Canadian University Dubai through a program that combines a unique blend of technology and business subjects with an innovative balance between the practical and the theoretical background that employers need. The objective of the CNET program is to ensure that our students acquire the necessary knowledge, skills, and abilities to perform successfully in the modern world as network professionals. The foundation of our program will instill the knowledge necessary for life-long learning and a sense of professional responsibility that will enable students to continue their professional development throughout their careers.

Benefits:

A modern educational approach and state-of-the art training in:

- Database Driven Web Applications
- LAN and WAN Technologies
- Network Security and Administration
- Network Operating Systems
- Wireless Networks
- Voice Over IP
- Entrepreneurship in New Economies
- Integrative Projects in Vertical Markets
- Communications Skills
- Critical Thinking and Problem Solving
- Internship in the Workplace
- Preparation for Industrial Certifications such as CCNA, Network+ and MCSA.

a) Program Learning Outcomes (PLOs)

Upon successful completion of the program the student will be able to:

1. Apply acquired knowledge, techniques, skills and modern tools of mathematics, science, engineering, and technology to solve broadly-defined engineering problems appropriate to the discipline.
2. Design partial or complete specialized systems or processes considering appropriate tradeoffs, theories, best practices, and social implications.
3. Communicate effectively using written, oral, and graphical communication with all stakeholders, team members, professionals, and the public.
4. Conduct standard tests, measurements, and experiments and analyze and interpret the results to improve processes.
5. Work in an effective and creative way individually and in teams and demonstrate leadership skills.
6. Take responsibility as an IT professional to design, select, apply, deploy and manage IT systems to support the organization in multi-cultural and multi-disciplinary teams.
7. Exhibit an understanding of professional, ethical, legal, security and social issues and responsibilities and engage in continuing professional development.

b) Program Learning Outcomes (PLOs) Alignment with QF-Emirates

PLOs	Knowledge	Skills	Aspects of Competence		
			Autonomy & Responsibility	Role in Context	Self-Development
PLO1	✓				
PLO2		✓			
PLO3		✓			
PLO4		✓			
PLO5			✓		
PLO6				✓	
PLO7					✓

c) Bachelor of Computer and Networking Engineering Technology Program Requirements

Requirements	Compulsory Cr. Hrs.	Elective Cr. Hrs.	Total Cr. Hrs.
University Requirements (GE Courses)	21	03	24
Program Core Requirements (Core Courses)	30	-	30
Program Major Requirements	73	06	79
Total	**124**	**09**	**133**

University Requirements [General Education Courses - 24 Credits]

Course Code		Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (21 Credits)				
LNG	181	English I for Engineering and Computing	None	3
LNG	182	English II for Engineering and Computing	LNG 181	3
GED	196E	Communication Skills in Arabic 1	None	3
GED	198E	Islamic Culture	None	3
GED	199E	UAE Society	None	3
ENT	141E	Fundamentals of Innovation and Entrepreneurship 1	None	2
ENT	142E	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
ENT	241	Entrepreneurship 1	ENT 142	2
ENT	242	Entrepreneurship 2	ENT 241	1
Elective Courses (Humanities - 03 Credits): Students are required to select One Course from the following Pool				
GED	110E	Modern Art Appreciation	None	3
GED	111E	Music Appreciation and Communication	None	3
GED	205E	Psychology in Everyday Life	LNG 172 or LNG 182	3
GED	252E	Critical Thinking	LNG 172 or LNG 182	3
GED	324E	Ethical Reasoning for Today's World	LNG 172 or LNG 182	3
GED	330	Introduction to Canadian Studies	None	3

Program Core Requirements [Core Courses - 30 Credits]

Course Code		Course Title	Prerequisite	Cr. Hrs.
MTH	112	Calculus I	Pass Math Placement Test or MTH 012	3
MTH	130	Probability and Statistics	MTH 112	3
NET	110	Computer Networks Fundamentals	ENG 101 or NET 100	3
SWS	110	Programming I	None	3
SCI	210	Modern Physics	MTH 112	3

Course Code		Course Title	Prerequisite	Cr. Hrs.
BUS	310	Project Management	Completion of 60 Credits	3
SWS	316	Programming II	SWS 110	3
MTH	120	Discrete Mathematics	Pass Math Placement Test or MTH 012	3
BCS	306	Database Management Systems	BCS 201, BCS 202 or SWS 316	3
BCS	401	Ethics for Computing Professionals	None	3

Program Major Requirements [79 Credits]

Course Code		Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (73 Credits)				
NET	100	Fundamental of Digital Systems	None	3
NET	105	Microprocessors and Microcontrollers	NET 100	3
NET	111	Operating Systems Fundamentals	ENG 210 or NET 105	3
NET	120	LAN Switching and Routing	NET 100	3
NET	121	Network Operating Systems	NET 111	3
NET	214	Network Programming	NET 120, SWS 316	3
NET	220	Network Security and Administration	NET 120	3
NET	221	Communication Technology	NET 120	3
NET	222	Wireless Networks	NET 221 or COM 412	3
EBU	200	e-Business Fundamentals	None	3
MKT	201	Principles of Marketing	LNG 171 or LNG 181	3
SWS	211	System Analysis and Design	SWS 316	3
SWS	215	Web Development	BCS 306	3
NET	310	Network Management	NET 222	3
NET	320	Advanced LAN Switching and Routing	NET 120	3
SWS	315	Mobile Application Development	SWS 215	3
SWS	351	Management Information Systems	GED 101 or SWS 110	3
ENG	420	Internship	90 Credits & CGPA ≥ 2.0	3
NET	405	Virtualization and Cloud Computing	NET 320	3
SWS	405	Applied Artificial Intelligence	MTH 130, BCS 206, BCS 205 or SWS 316	3
NET	406	Cloud Architecture	NET 405	3
NET	410	Enterprise Network Design	NET 222	3
NET	420	Advanced Network Troubleshooting	NET 222	3
NET	440	CNET Project-1	Completed 100 Credit Hours	2
NET	441	CNET Project-2	NET 440	2
Elective Courses (06 Credits): Students are required to Select Two Courses from the following courses				
NET	403	Mobile Security	NET 220	3
SWS	400	Data Warehousing	BCS 306	3
SWS	401	Web Services Integration	NET 405	3
SWS	421	Cryptography and Information Security	NET 220	3

Study Plan - Bachelor of Computer and Networking Engineering Technology

Sem.	Course Code		Course Title	Prerequisite/Corequisite	Cr. Hrs.
Semester 1	LNG	181	English I for Engineering and Computing	None	3
	NET	100	Fundamental of Digital Systems	None	3
	MTH	112	Calculus I	Pass Math Placement Test or MTH 012	3
	EBU	200	e-Business Fundamentals	None	3
	SWS	110	Programming I	None	3
	ENT	141	Fundamentals of Innovation and Entrepreneurship 1	None	2
	Total				**17**
Semester 2	MTH	120	Discrete Mathematics	Pass Math Placement Test or MTH 012	3
	LNG	182	English II for Engineering and Computing	LNG 181	3
	MKT	201	Principles of Marketing	LNG 171 or LNG 181	3
	NET	110	Computer Networks Fundamentals	ENG 101 or NET 100	3
	SWS	316	Programming II	SWS 110	3
	ENT	142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
	Total				**16**
Semester 3	SCI	210	Modern Physics	MTH 112	3
	MTH	130	Probability and Statistics	MTH 112	3
	NET	120	LAN Switching and Routing	NET 100	3
	BCS	306	Database Management Systems	BCS 201, BCS 202 or SWS 316	3
	NET	105	Microprocessors and Microcontrollers	NET 100	3
	ENT	241	Entrepreneurship 1	ENT 142	2
	Total				**17**
Semester 4	NET	111	Operating Systems Fundamentals	ENG 210 or NET 105	3
	SWS	211	System Analysis and Design	SWS 316	3
	NET	320	Advanced LAN Switching and Routing	NET 120	3
	SWS	215	Web Development	BCS 306	3
	NET	214	Network Programming	NET 120, SWS 316	3
	ENT	242	Entrepreneurship 2	ENT 241	1
	Total				**16**
Semester 5	NET	121	Network Operating Systems	NET 111	3
	GED	198	Islamic Culture	None	3
	NET	220	Network Security and Administration	NET 120	3
	SWS	351	Management Information Systems	GED 101 or SWS 110	3
	NET	221	Communication Technology	NET 120	3
	Total				**15**
Semester 6	BUS	310	Project Management	Completion of 60 Cr. Hrs.	3
	NET	222	Wireless Networks	NET 221 or COM 412	3
	SWS	405	Applied Artificial Intelligence	MTH 130, BCS 206, BCS 205 or SWS 316	3
	GED	196	Communication Skills in Arabic 1	None	3
	NET	405	Virtualization and Cloud Computing	NET 320	3
	Total				**15**
Semester 7	BCS	401	Ethics for Computing Professionals	None	3
	SWS	315	Mobile Application Development	SWS 215	3
	XXX	XXX	Major Elective (1)		3
	XXX	XXX	Humanity Elective		3
	NET	440	CNET Project-1	Completed 100 Cr. Hrs.	2
	NET	410	Enterprise Network Design	NET 222	3
	Total				**17**
Semester 8	NET	406	Cloud Architecture	NET 405	3
	NET	441	CNET Project-2	NET 440	2
	NET	310	Network Management	NET 222	3
	NET	420	Advanced Network Troubleshooting	NET 222	3
	XXX	XXX	Major Elective (2)		3
	GED	199	UAE Society	None	3
	Total				**17**
Internship to be taken summer semester after completion of 90 Cr. Hrs. + CGPA 2.0 or more					3
Total Credit Hours					**133**

22.4.2 Bachelor of Science in Computer Science

Description:
Canadian University Dubai's Bachelor of Science in Computer Science has been designed to provide students with a solid foundation in Computer Science and Computing Mathematics. Students will gain the fundamental skills needed to become accomplished theoretical computer scientists, data miners and data scientists, positions which are in great demand in today's world. The mathematical knowledge gained through this program will also provide graduates with a significant edge over the competition for research-oriented positions in high-tech industries.

Benefits:
There is very little in our modern world not touched by the fields of computer science and computing mathematics. From smart phones to social media, healthcare to hospitality, the fingerprint of computer scientists and engineers is everywhere and the need for competent, ambitious innovators in this field is growing rapidly.

Recognizing the need for diversification away from the oil and gas industry, the UAE has chosen to invest heavily in the creation of a knowledge economy based on technological advancement and innovation in the fields of green energy, semi-conductor technology, connectivity, wireless technologies and information security. All of these industries and many more require skilled employees fluent in the language of computing.

Career Opportunities:
Graduates of this program will have a wealth of industries to choose from and often go on to become:

- Systems engineers
- Computer project engineers
- Test engineers
- Computer network engineers
- Hardware/software engineers
- Computer network security analysts
- Systems analysts
- IT Managers
- Database Designers
- Entrepreneurs

a) Program Learning Outcomes (PLOs)

Upon successful completion of the program the student will be able to:

1. Demonstrate knowledge of relevant theories and principles of computing-related solutions in specialized domains.
2. Analyze a complex computing problem and to apply principles of computing and other relevant disciplines to identify solutions.
3. Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.
4. Communicate effectively in a variety of professional contexts.
5. Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.
6. Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline.

7. Apply computer science theory and software development fundamentals to produce computing-based solutions.
8. Assimilate new knowledge and skills into their practice by learning from experiences gained in different contexts of Computer Science.

b) Program Learning Outcomes (PLOs) Alignment with QF-Emirates

PLOs	Knowledge	Skills	Aspects of Competence		
			Autonomy & Responsibility	Role in Context	Self-Development
PLO1	✓				
PLO2	✓	✓			
PLO3		✓			
PLO4		✓			
PLO5			✓	✓	✓
PLO6			✓	✓	
PLO7		✓		✓	
PLO8					✓

c) Bachelor of Science in Computer Science Program Requirements

Requirements	Compulsory Cr. Hrs.	Elective Cr. Hrs.	Total Cr. Hrs.
University Requirements (GE Courses)	21	06	27
Program Core Requirements (Core Courses)	64	-	64
Program Major Requirements	33	03	36
Total	**118**	**09**	**127**

University Requirements [General Education Courses - 27 Credits]

Course Code		Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (21 Credits)				
LNG	181	English I for Engineering and Computing	None	3
LNG	182	English II for Engineering and Computing	LNG 181	3
GED	196E	Communication Skills in Arabic 1	None	3
GED	198E	Islamic Culture	None	3
GED	199E	UAE Society	None	3
ENT	141	Fundamentals of Innovation and Entrepreneurship 1	None	2
ENT	142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
ENT	241	Entrepreneurship 1	ENT 142	2
ENT	242	Entrepreneurship 2	ENT 241	1
Elective Courses (06 Credits): Students are required to select Two Courses from the following Pool:				
BIO	102	Biology I	None	3
SHS	103	Chemistry	None	3
SCI	210	Modern Physics	None	3

Program Core Requirements [Core Courses - 64 Credits]

Course Code		Course Title	Prerequisite	Cr. Hrs.
BCS	101	Elements of Computing	None	3
BCS	102	Introduction to Computing Science I	BCS 101	3
MTH	112	Calculus I	Pass Math Placement Test or MTH 012	3
MTH	113	Calculus II	MTH 112	3

Course Code		Course Title	Prerequisite	Cr. Hrs.
MTH	114	Linear Algebra	MTH 112	3
MTH	120	Discrete Mathematics	None	3
MTH	130	Probability and Statistics	MTH 112	3
MTH	203	Discrete Mathematics for Computing Science	BCS 102, MTH 120	3
BCS	201	Logic for Computing Science	MTH 120	3
BCS	202	Introduction to Computing Science II	BCS 102	3
BCS	203	Software Specifications	BCS 201, BCS 202	3
BCS	206	Information Structures	BCS 202, MTH 203	3
BCS	222	Programming Paradigms	BCS 201, BCS 202	3
ENG	210	Computer Architecture	BCS 202, ENG 101	4
BCS	305	Software Architecture	BCS 203, BCS 206	3
BCS	306	Database Management Systems	BCS 201, BCS 202	3
BCS	309	Algorithms I	BCS 201, BCS 206	3
BCS	311	Scientific Computing	BCS 102, MTH 114	3
BCS	323	System-Level Programming	BCS 102	3
BCS	401	Ethics for Computing Professionals	None	3
ENG	420	Internship	90 Credit Hours & CGPA ≥ 2.0	3

Program Major Requirements [36 Credits]

Course Code		Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (33 Credits)				
BCS	221	Communication Networks	BCS 102	3
BCS	301	Operating Systems	ENG 210, BCS 206	4
BCS	303	Security Principles and Practices	BCS 221	4
BCS	304	Data Mining	BCS 202, MTH 114, MTH 130, MTH 203	3
BCS	307	Digital Systems	ENG 210	4
BCS	402	Computability and Complexity	BCS 203, BCS 309	3
BCS	403	Advanced Database Systems	BCS 206, BCS 306	3
BCS	405	Artificial Intelligence	BCS 206, BCS 222	3
BCS	410	Computer Science Project	Completed 90 Cr. Hrs.	6
Elective Courses (03 Credits): Students are required to select One Courses from the following courses				
SWS	215	Web Development	BCS 306	3
BSD	311	Human Computer Interaction	BCS 206	3
BCS	400	Network Operating Systems	BCS 301	3
BCS	406	Computer Graphics	BCS 206, MTH 114	3
BSD	404	Algorithms II	BCS 203, BCS 309	3

Study Plan - Bachelor of Science in Computer Science

Sem.	Course Code		Course Title	Prerequisite/ Corequisite	Cr. Hrs.
Semester 1	LNG	181	English I for Engineering and Computing	None	3
	XXX	XXX	GE Elective (1)	None	3
	MTH	112	Calculus I	Pass Math Placement Test or MTH 012	3
	BCS	101	Elements of Computing	None	3
	ENT	141	Fundamentals of Innovation and Entrepreneurship 1	None	2
	Total				**14**
Semester 2	MTH	120	Discrete Mathematics	None	3
	LNG	182	English II for Engineering and Computing	LNG 181	3
	BCS	102	Introduction to Computing Science I	BCS 101	3
	MTH	113	Calculus II	MTH 112	3
	XXX	XXX	GE Elective (2)	None	3
	ENT	142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
	Total				**16**
Semester 3	MTH	114	Linear Algebra	MTH 112	3
	MTH	130	Probability and Statistics	MTH 112	3
	MTH	203	Discrete Mathematics for Computing Science	BCS 102, MTH 120	3
	BCS	201	Logic for Computing Science	MTH 120	3
	BCS	202	Introduction to Computing Science II	BCS 102	3
	ENT	241	Entrepreneurship 1	ENT 142	2
	Total				**17**
Semester 4	ENG	210	Computer Architecture	BCS 202 or ENG 101	4
	BCS	203	Software Specifications	BCS 201, BCS 202	3
	BCS	206	Information Structures	BCS 202, MTH 203	3
	BCS	221	Communication Networks	BCS 102	3
	BCS	222	Programming Paradigms	BCS 201, BCS 202	3
	ENT	242	Entrepreneurship 2	ENT 241	1
	Total				**17**
Semester 5	GED	198	Islamic Culture	None	3
	BCS	301	Operating Systems	BCS 206, ENG 210	4
	BCS	303	Security Principles and Practices	BCS 221	4
	BCS	304	Data Mining	BCS 202, MTH 114, MTH 130, MTH 203	3
	BCS	311	Scientific Computing	BCS 102, MTH 114	3
	Total				**17**
Semester 6	BCS	305	Software Architecture	BCS 203, BCS 206	3
	BCS	306	Database Management Systems	BCS 201, BCS 202	3
	BCS	307	Digital Systems	ENG 210	4
	BCS	309	Algorithms I	BCS 201, BCS 206	3
	BCS	323	System-Level Programming	BCS 102	3
	Total				**16**
Semester 7	GED	196	Communication Skills in Arabic 1	None	3
	BCS	401	Ethics for Computing Professionals	None	3
	BCS	402	Computability and Complexity	BCS 203, BCS 309	3
	BCS	410	Computer Science Project	Completed 90 Cr. Hrs.	6
	Total				**15**
Semester 8	BCS	410	Computer Science Project (Cont.)	Completed 90 Cr. Hrs.	--
	GED	199	UAE Society	None	3
	BCS	403	Advanced Database Systems	BCS 206, BCS 306	3
	BCS	405	Artificial Intelligence	BCS 206, BCS 222	3
	XXX	XXX	Program Major Elective		3
	Total				**12**
Internship to be taken in summer after completion of 90 Cr. Hrs. and CGPA 2.0 or more.					3
Total Credit Hours					**127**

OLD Study Plan - Bachelor of Science in Computer Science

Sem.	Course Code		Course Title	Prerequisite/ Corequisite	Cr. Hrs.
Semester 1	LNG	181	English I for Engineering and Computing	None	3
	XXX	XXX	Humanity Elective (1)		3
	MTH	112	Calculus I	Pass Math Placement Test or MTH 012	3
	BCS	101	Elements of Computing	None	3
	ENT	141	Fundamentals of Innovation and Entrepreneurship 1	None	2
	Total				**14**
Semester 2	MTH	120	Discrete Mathematics	None	3
	LNG	182	English II for Engineering and Computing	LNG 181	3
	BCS	102	Introduction to Computing Science I	BCS 101	3
	MTH	113	Calculus II	MTH 112	3
	ENT	142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
	Total				**13**
Semester 3	MTH	114	Linear Algebra	MTH 112	3
	MTH	130	Probability and Statistics	MTH 112	3
	MTH	203	Discrete Mathematics for Computing Science	BCS 102, MTH 120	3
	BCS	201	Logic for Computing Science	MTH 120	3
	BCS	202	Introduction to Computing Science II	BCS 102	3
	ENT	241	Entrepreneurship 1	ENT 142	2
	Total				**17**
Semester 4	ENG	210	Computer Architecture	BCS 202 or ENG 101	4
	BCS	203	Software Specifications	BCS 201, BCS 202	3
	BCS	204	System-Level Programming	BCS 102	3
	BCS	205	Programming Paradigms	BCS 201, BCS 202	3
	BCS	206	Information Structures	BCS 202, MTH 203	3
	ENT	242	Entrepreneurship 2	ENT 241	1
	Total				**17**
Semester 5	BCS	301	Operating Systems	BCS 206, ENG 210	4
	GED	198	Islamic Culture	None	3
	BCS	302	Scientific Computing	BCS 102, MTH 114	3
	BCS	303	Security Principles and Practices	BCS 206	4
	BCS	304	Data Mining	BCS 202, MTH 114, MTH 130, MTH 203	3
	Total				**17**
Semester 6	BCS	305	Software Architecture	BCS 203, BCS 206	3
	BCS	306	Database Management Systems	BCS 201, BCS 202	3
	BCS	307	Digital Systems	ENG 210	4
	BCS	308	Communication Networks	BCS 301	3
	BCS	309	Algorithms I	BCS 201, BCS 206	3
	Total				**16**
Semester 7	BCS	410	Computer Science Project	Completed 90 Cr. Hrs.	6
	BCS	401	Ethics for Computing Professionals	None	3
	GED	196	Communication Skills in Arabic 1	None	3
	BCS	402	Computability and Complexity	BCS 203, BCS 309	3
	XXX	XXX	Humanity Elective (2)		3
	Total				**18**
Semester 8	BCS	410	Computer Science Project (Cont.)	Completed 90 Cr. Hrs.	--
	BCS	403	Advanced Database Systems	BCS 206 & BCS 306	3
	XXX	XXX	Major Elective (1)		3
	XXX	XXX	Major Elective (2)		3
	GED	199	UAE Society	None	3
	Total				**12**
Total Credit Hours					**124**

22.4.3 Bachelor of Science in Cyber Security

Description:
The Bachelor of Science in Cyber Security program will prepare students for careers in the network security industry. The curriculum includes combined core topics in the realm of computing and cyber security, such as: computer systems, network and computer forensics, system and network security, ethical hacking, applied offensive and defensive security, and human and organizational security. Students will learn best practices for the design of secure modern networks and software systems as well advanced techniques for security engineering, digital forensics, applied offensive and defensive security and applied cryptography. Students will learn about evolving threats and the proper use of specific security tools. Both security theory and hands-on practice are stressed and emphasized in this program.

Benefits:
Cyber Security is one of the most in-demand technology fields in the world as societies become ever more dependent on Smart solutions and technologies. With the UAE's goal of transitioning into a paperless Smart City, the need for experts in cyber security to build the safeguards needed to protect the countries citizens from cyber theft and attack is huge.

Canadian University Dubai's Degree in Cyber-Security will teach you to identify cyber threats of all kinds and equip you with the knowledge and ability needed to create the most effective strategy to stop and intercept these threats proactively through vigilant monitoring methods. You will graduate with in depth software cyber security knowledge and the ability to educate future employers and employees about their security responsibilities, making you the perfect candidate for this growth industry.

Career Opportunities:
There is wealth of career opportunities available to graduates of this degree, such as:

- Chief Information Security Officer/Engineer
- Forensic Computer Analyst
- Information Security Analyst
- Penetration Tester and evaluator
- Security Architect
- Cyber Security Engineer
- Security Systems Administrator
- IT Security Consultant

a) Program Learning Outcomes (PLOs)

Upon successful completion of the program the student will be able to:

1. Demonstrate knowledge of relevant theories and principles of computing-related solutions in specialized domains.
2. Analyze a complex computing problem and to apply principles of computing and other relevant disciplines to identify solutions.
3. Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.
4. Communicate effectively in a variety of professional contexts.
5. Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.

6. Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline.
7. Apply security principles and practices to maintain operations in the presence of risks and threats.
8. Assimilate new knowledge and skills into their practice by learning from experiences gained in different contexts of Cyber Security.

b) Program Learning Outcomes (PLOs) Alignment with QF-Emirates

PLOs	Knowledge	Skills	Aspects of Competence		
			Autonomy & Responsibility	Role in Context	Self-Development
PLO1	✓				
PLO2	✓	✓			
PLO3		✓			
PLO4		✓			
PLO5			✓	✓	✓
PLO6			✓	✓	
PLO7		✓		✓	
PLO8					✓

c) Bachelor of Science in Cyber Security Program Requirements

Requirements	Compulsory Cr. Hrs.	Elective Cr. Hrs.	Total Cr. Hrs.
University Requirements (GE Courses)	21	06	27
Program Core Requirements (Core Courses)	64	-	64
Program Major Requirements	33	03	36
Total	**118**	**09**	**127**

University Requirements [General Education Courses - 27 Credits]

Course Code		Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (21 Credits)				
LNG	181	English I for Engineering and Computing	None	3
LNG	182	English II for Engineering and Computing	LNG 181	3
GED	196E	Communication Skills in Arabic 1	None	3
GED	198E	Islamic Culture	None	3
GED	199E	UAE Society	None	3
ENT	141	Fundamentals of Innovation and Entrepreneurship 1	None	2
ENT	142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
ENT	241	Entrepreneurship 1	ENT 142	2
ENT	242	Entrepreneurship 2	ENT 241	1
Elective (06 Credits): Students are required to select Two Courses from the following Pool				
BIO	102	Biology I	None	3
SHS	103	Chemistry	None	3
SCI	210	Modern Physics	None	3

Program Core Requirements [Core Courses - 64 Credits]

Course Code		Course Title	Prerequisite	Cr. Hrs.
BCS	101	Elements of Computing	None	3
BCS	102	Introduction to Computing Science I	BCS 101	3
MTH	112	Calculus I	Pass Math Placement Test or MTH 012	3
MTH	113	Calculus II	MTH 112	3
MTH	114	Linear Algebra	MTH 112	3
MTH	120	Discrete Mathematics	None	3
MTH	130	Probability and Statistics	MTH 112	3
MTH	203	Discrete Mathematics for Computing Science	BCS 102, MTH 120	3
BCS	201	Logic for Computing Science	MTH 120	3
BCS	202	Introduction to Computing Science II	BCS 102	3
BCS	203	Software Specifications	BCS 201, BCS 202	3
BCS	206	Information Structures	BCS 202, MTH 203	3
BCS	222	Programming Paradigms	BCS 201, BCS 202	3
ENG	210	Computer Architecture	BCS 202, ENG 101	4
BCS	305	Software Architecture	BCS 203, BCS 206	3
BCS	306	Database Management Systems	BCS 201, BCS 202	3
BCS	309	Algorithms I	BCS 201, BCS 206	3
BCS	311	Scientific Computing	BCS 102, MTH 114	3
BCS	323	System-Level Programming	BCS 102	3
BCS	401	Ethics for Computing Professionals	None	3
ENG	420	Internship	90 Credit Hours & CGPA ≥ 2.0	3

Program Major Requirements [33 Credits]

Course Code		Course Title	Prerequisite/Corequisite	Cr. Hr.
Compulsory Courses (30 Credits)				
BCS	221	Communication Networks	BCS 102	3
BCS	301	Operating Systems	BCS 206, ENG 210	4
BCS	303	Security Principles and Practices	BCS 221	4
CYS	311	Security Threats and Risk Analysis	BCS 303	3
CYS	312	Cryptographic Algorithms and Protocols	BCS 203, BCS 303	3
BCS	405	Artificial Intelligence	BCS 206, BCS 222	3
BCS	410	Computer Science Project	Completed 90 Credit Hours	6
CYS	411	Engineering Secure Software	CYS 312	3
CYS	412	Mobile and Wireless Security	BCS 308, CYS 411	4
Elective Courses (03 Credits): Students are required to select One Courses from the following courses				
SWS	215	Web Development	BCS 306	3
CYS	413	Web Application Security and Testing	CYS 411	3
CYS	414	Penetration Testing and Ethical Hacking	CYS 411	3
CYS	415	Malicious Software	CYS 411	3
CYS	416	Human and Organizational Security	BCS 303	3

Study Plan - Bachelor of Science in Cyber Security

Sem.	Course Code		Course Title	Prerequisite/Corequisite	Cr. Hrs.
Semester 1	LNG	181	English I for Engineering and Computing	None	3
	XXX	XXX	GE Elective (1)	None	3
	MTH	112	Calculus I	Pass Math Placement Test or MTH 012	3
	BCS	101	Elements of Computing	None	3
	ENT	141	Fundamentals of Innovation and Entrepreneurship 1	None	2
	Total				**14**
Semester 2	MTH	120	Discrete Mathematics	None	3
	LNG	182	English II for Engineering and Computing	LNG 181	3
	BCS	102	Introduction to Computing Science I	BCS 101	3
	MTH	113	Calculus II	MTH 112	3
	XXX	XXX	GE Elective (2)	None	3
	ENT	142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
	Total				**16**
Semester 3	MTH	114	Linear Algebra	MTH 112	3
	MTH	130	Probability and Statistics	MTH 112	3
	MTH	203	Discrete Mathematics for Computing Science	BCS 102, MTH 120	3
	BCS	201	Logic for Computing Science	MTH 120	3
	BCS	202	Introduction to Computing Science II	BCS 102	3
	ENT	241	Entrepreneurship 1	ENT 142	2
	Total				**17**
Semester 4	ENG	210	Computer Architecture	BCS 202 or ENG 101	4
	BCS	203	Software Specifications	BCS 201, BCS 202	3
	BCS	206	Information Structures	BCS 202, MTH 203	3
	BCS	221	Communication Networks	BCS 102	3
	BCS	222	Programming Paradigms	BCS 201, BCS 202	3
	ENT	242	Entrepreneurship 2	ENT 241	1
	Total				**17**
Semester 5	GED	198	Islamic Culture	None	3
	BCS	301	Operating Systems	BCS 206, ENG 210	4
	BCS	303	Security Principles and Practices	BCS 221	4
	BCS	305	Software Architecture	BCS 203, BCS 206	3
	BCS	311	Scientific Computing	BCS 102, MTH 114	3
	Total				**17**
	BCS	306	Database Management Systems	BCS 201, BCS 202	3
	BCS	309	Algorithms I	BCS 201, BCS 206	3
	CYS	311	Security Threats and Risk Analysis	BCS 303	3
	CYS	312	Cryptographic Algorithms and Protocols	BCS 203, BCS 303	3
	BCS	323	System-Level Programming	BCS 102	3
	Total				**15**
Semester 7	GED	196	Communication Skills in Arabic 1	None	3
	BCS	401	Ethics for Computing Professionals	None	3
	CYS	411	Engineering Secure Software	CYS 312	3
	BCS	410	Computer Science Project	Completed 90 Credit Hours	6
	Total				**15**
Semester 8	BCS	410	Computer Science Project (Cont.)	Completed 90 Credit Hours	--
	GED	199	UAE Society	None	3
	BCS	405	Artificial Intelligence	BCS 206, BCS 222	3
	CYS	412	Mobile and Wireless Security	BCS 308, CYS 411	4
	XXX	XXX	Program Major Elective		3
	Total				**13**
Internship to be taken in summer after completion of 90 Cr. Hrs. and CGPA 2.0 or more.					3
Total Credits Hours					**127**

OLD Study Plan - Bachelor of Science in Cyber Security

Sem.	Course Code		Course Title	Prerequisite/Corequisite	Cr. Hr.
Semester 1	LNG	181	English I for Engineering and Computing	None	3
	XXX	XXX	Humanity Elective (1)		3
	MTH	112	Calculus I	Pass Math Placement Test or MTH 012	3
	BCS	101	Elements of Computing	None	3
	ENT	141	Fundamentals of Innovation and Entrepreneurship 1	None	2
	Total				**14**
Semester 2	MTH	120	Discrete Mathematics	None	3
	LNG	182	English II for Engineering and Computing	LNG 181	3
	BCS	102	Introduction to Computing Science I	BCS 101	3
	MTH	113	Calculus II	MTH 112	3
	ENT	142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
	Total				**13**
Semester 3	MTH	114	Linear Algebra	MTH 112	3
	MTH	130	Probability and Statistics	MTH 112	3
	MTH	203	Discrete Mathematics for Computing Science	BCS 102, MTH 120	3
	BCS	201	Logic for Computing Science	MTH 120	3
	BCS	202	Introduction to Computing Science II	BCS 102	3
	ENT	241	Entrepreneurship 1	ENT 142	2
	Total				**17**
Semester 4	ENG	210	Computer Architecture	BCS 202 or ENG 101	4
	BCS	203	Software Specifications	BCS 201, BCS 202	3
	BCS	204	System-Level Programming	BCS 102	3
	BCS	205	Programming Paradigms	BCS 201, BCS 202	3
	BCS	206	Information Structures	BCS 202, MTH 203	3
	ENT	242	Entrepreneurship 2	ENT 241	1
	Total				**17**
Semester 5	BCS	301	Operating Systems	BCS 206, ENG 210	4
	GED	198	Islamic Culture	None	3
	BCS	302	Scientific Computing	BCS 102, MTH 114	3
	BCS	303	Security Principles and Practices	BCS 206	4
	BCS	305	Software Architecture	BCS 203, BCS 206	3
	Total				**17**
Semester 6	CYS	311	Security Threats and Risk Analysis	BCS 303	3
	BCS	306	Database Management Systems	BCS 201, BCS 202	3
	BCS	309	Algorithms I	BCS 201, BCS 206	3
	CYS	312	Cryptographic Algorithms and Protocols	BCS 203, BCS 204, BCS 303 & Co-BCS 309	3
	BCS	308	Communication Networks	BCS 301	3
	Total				**15**
Semester 7	BCS	410	Computer Science Project	Completed 90 Credit Hours	6
	BCS	401	Ethics for Computing Professionals	None	3
	CYS	411	Engineering Secure Software	CYS 312	3
	XXX	XXX	Humanity Elective (2)		3
	GED	196	Communication Skills in Arabic 1	None	3
	Total				**18**
Semester 8	BCS	410	Computer Science Project (Cont.)	Completed 90 Credit Hours	--
	CYS	412	Mobile and Wireless Security	BCS 308, CYS 411	4
	XXX	XXX	Major Elective (1)		3
	XXX	XXX	Major Elective (2)		3
	GED	199	UAE Society	None	3
	Total				**13**
Total Credits Hours					**124**

22.4.4 Bachelor of Science in Software Design

Description:

The Software Design program offers Canadian University Dubai students a specialist degree in the art and science of computer software design, architecture, analysis and evolution. Graduates of the Software Design program will be well versed in a range of programming languages, data structures and algorithms, operating systems, real-time software design, databases, compilers, software requirements analysis, formal methods in software engineering, and techniques for human-computer interaction.

Benefits:

The Software Design program is for those destined to carry the capabilities of computer systems beyond the current limits and into the future, they are the software architects, designers and entrepreneurs that will drive the software revolution forward at an ever increasing speed.

Experts in Software design are needed in several emerging fields such as the development and maintenance of Mobile Apps, the development of successful Smart City applications, like those being used as part of the Dubai Smart City Initiative, as well as Health Telematics, which includes healthcare monitoring and remote care provisioning, and the multi-billion dollar gaming industry.

A 2016 economic report states that Software Developers are the second most sought after employees in UAE and the trend is definitely, expected to be sustained for some years to come.

Career Opportunities:

Graduates of this program will have a wealth of industries to choose from and often go on to become:

- Computer and Information Systems Managers
- Information Security Analysts
- Computer Programmers
- Software Developers of Mobile Applications
- Software Developers of Systems Software
- Web Developers

a) Program Learning Outcomes (PLOs)

Upon successful completion of the program the student will be able to:

1. Demonstrate knowledge of relevant theories and principles of computing-related solutions in specialized domains.
2. Analyze a complex computing problem and to apply principles of computing and other relevant disciplines to identify solutions.
3. Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.
4. Communicate effectively in a variety of professional contexts.
5. Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.
6. Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline.
7. Apply computer science theory and software development fundamentals to produce computing-based solutions.

8. Assimilate new knowledge and skills into their practice by learning from experiences gained in different contexts of Software Design.

b) Program Learning Outcomes (PLOs) Alignment with QF-Emirates

PLOs	Knowledge	Skills	Aspects of Competence		
			Autonomy & Responsibility	Role in Context	Self-Development
PLO1	✓				
PLO2	✓	✓			
PLO3		✓			
PLO4		✓			
PLO5			✓	✓	✓
PLO6			✓	✓	
PLO7		✓		✓	
PLO8					✓

c) Bachelor of Science in Software Design Program Requirements

Requirements	Compulsory Cr. Hrs.	Elective Cr. Hrs.	Total Cr. Hrs.
University Requirements (GE Courses)	21	06	27
Program Core Requirements (Core Courses)	64	-	64
Program Major Requirements	34	03	37
Total	**119**	**19**	**128**

University Requirements [General Education Courses - 27 Credits]

Course Code		Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (21 Credits)				
LNG	181	English I for Engineering and Computing	None	3
LNG	182	English II for Engineering and Computing	LNG 181	3
GED	196E	Communication Skills in Arabic 1	None	3
GED	198E	Islamic Culture	None	3
GED	199E	UAE Society	None	3
ENT	141	Fundamentals of Innovation and Entrepreneurship 1	None	2
ENT	142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
ENT	241	Entrepreneurship 1	ENT 142	2
ENT	242	Entrepreneurship 2	ENT 241	1
Elective (Humanities - 06 Credits): Students are required to select Two Courses from the following Pool				
BIO	102	Biology I	None	3
SHS	103	Chemistry	None	3
SCI	210	Modern Physics	None	3

Program Core Requirements [Core Courses - 64 Credits]

Course Code		Course Title	Prerequisite	Cr. Hrs.
BCS	101	Elements of Computing	None	3
BCS	102	Introduction to Computing Science I	BCS 101	3
MTH	112	Calculus I	Pass Math Placement Test or MTH 012	3
MTH	113	Calculus II	MTH 112	3
MTH	114	Linear Algebra	MTH 112	3
MTH	120	Discrete Mathematics	None	3
MTH	130	Probability and Statistics	MTH 112	3

Course Code		Course Title	Prerequisite	Cr. Hrs.
MTH	203	Discrete Mathematics for Computing Science	BCS 102, MTH 120	3
BCS	201	Logic for Computing Science	MTH 120	3
BCS	202	Introduction to Computing Science II	BCS 102	3
BCS	203	Software Specifications	BCS 201, BCS 202	3
BCS	206	Information Structures	BCS 202, MTH 203	3
BCS	222	Programming Paradigms	BCS 201, BCS 202	3
ENG	210	Computer Architecture	BCS 202, ENG 101	4
BCS	305	Software Architecture	BCS 203, BCS 206	3
BCS	306	Database Management Systems	BCS 201, BCS 202	3
BCS	309	Algorithms I	BCS 201, BCS 206	3
BCS	311	Scientific Computing	BCS 102, MTH 114	3
BCS	323	System-Level Programming	BCS 102	3
BCS	401	Ethics for Computing Professionals	None	3
ENG	420	Internship	90 Credit Hours & CGPA ≥ 2.0	3

Program Major Requirements [37 Credits]

Course Code		Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (34 Credits)				
BCS	301	Operating Systems	BCS 206, ENG 210	4
BSD	310	Game Design	BCS 202, BCS 206	3
BSD	311	Human Computer Interaction	BCS 206	3
BSD	312	Software Quality	BCS 203	3
BSD	313	Advanced User Interface Design	BSD 311	3
BCS	405	Artificial Intelligence	BCS 206, BCS 222	3
BSD	402	Formal Methods	BCS 305	3
BSD	403	Software Requirements	BCS 305	3
BSD	404	Algorithms II	BCS 203, BCS 309	3
BSD	410	Software Design Project	Completed 90 Credit Hours	6
Elective Courses (03 Credits): Students are required to select One Courses from the following courses				
SWS	215	Web Development	BCS 306	3
BCS	304	Data Mining	BCS 202, MTH 203, MTH 114, MTH 130	3
BCS	400	Network Operating Systems	BCS 301	3
BCS	402	Computability and Complexity	BCS 203, BCS 309	3
BCS	403	Advanced Database Systems	BCS 206, BCS 306	3
BCS	406	Computer Graphics	BCS 206, MTH 114	3

Study Plan - Bachelor of Science in Software Design

Sem.	Course Code		Course Title	Prerequisite/Corequisite	Cr. Hrs.
Semester 1	LNG	181	English I for Engineering and Computing	None	3
	XXX	XXX	GE Elective (1)	None	3
	MTH	112	Calculus I	Pass Math Placement Test or MTH 012	3
	BCS	101	Elements of Computing	None	3
	ENT	141	Fundamentals of Innovation and Entrepreneurship 1	None	2
	Total				**14**
Semester 2	MTH	120	Discrete Mathematics	None	3
	LNG	182	English II for Engineering and Computing	LNG 181	3
	BCS	102	Introduction to Computing Science I	BCS 101	3
	MTH	113	Calculus II	MTH 112	3
	XXX	XXX	GE Elective (2)	None	3
	ENT	142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
	Total				**16**
Semester 3	MTH	114	Linear Algebra	MTH 112	3
	MTH	130	Probability and Statistics	MTH 112	3
	MTH	203	Discrete Mathematics for Computing Science	BCS 102, MTH 120	3
	BCS	201	Logic for Computing Science	MTH 120	3
	BCS	202	Introduction to Computing Science II	BCS 102	3
	ENT	241	Entrepreneurship 1	ENT 142	2
	Total				**17**
Semester 4	ENG	210	Computer Architecture	BCS 202 or ENG 101	4
	BCS	203	Software Specifications	BCS 201, BCS 202	3
	BCS	206	Information Structures	BCS 202, MTH 203	3
	BCS	222	Programming Paradigms	BCS 201, BCS 202	3
	ENT	242	Entrepreneurship 2	ENT 241	1
	Total				**14**
Semester 5	GED	198	Islamic Culture	None	3
	BCS	301	Operating Systems	BCS 206, ENG 210	4
	BCS	311	Scientific Computing	BCS 102, MTH 114	3
	BSD	310	Game Design	BCS 202, BCS 206	3
	BSD	311	Human Computer Interaction	BCS 206	3
	Total				**16**
	BCS	305	Software Architecture	BCS 203, BCS 206	3
	BCS	306	Database Management Systems	BCS 201, BCS 202	3
	BCS	309	Algorithms I	BCS 201, BCS 206	3
	BCS	323	System-Level Programming	BCS 102	3
	BSD	312	Software Quality	BCS 203	3
	BSD	313	Advanced User Interface Design	BSD 311	3
	Total				**18**
Semester 7	GED	196	Communication Skills in Arabic 1	None	3
	BCS	401	Ethics for Computing Professionals	None	3
	BSD	402	Formal Methods	BCS 305	3
	BSD	403	Software Requirements	BCS 305	3
	BSD	410	Software Design Project	Completed 90 Cr. Hrs.	6
	Total				**18**
Semester 8	BSD	410	Software Design Project (Cont.)	Completed 90 Cr. Hrs.	--
	GED	199	UAE Society	None	3
	BSD	404	Algorithms II	BCS 203, BCS 309	3
	BCS	405	Artificial Intelligence	BCS 206, BCS 222	3
	XXX	XXX	Program Major Elective		3
	Total				**12**
Internship to be taken in summer after completion of 90 Cr. Hrs. and CGPA 2.0 or more.					3
Total Credit Hours					**128**

OLD Study Plan - Bachelor of Science in Software Design

Sem.	Course Code		Course Title	Prerequisite/Corequisite	Cr. Hrs.
Semester 1	LNG	181	English I for Engineering and Computing	None	3
	XXX	XXX	Humanity Elective (1)		3
	MTH	112	Calculus I	Pass Math Placement Test or MTH 012	3
	BCS	101	Elements of Computing	None	3
	ENT	141	Fundamentals of Innovation and Entrepreneurship 1	None	2
	Total				**14**
Semester 2	MTH	120	Discrete Mathematics	None	3
	LNG	182	English II for Engineering and Computing	LNG 181	3
	BCS	102	Introduction to Computing Science I	BCS 101	3
	MTH	113	Calculus II	MTH 112	3
	ENT	142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
	Total				**13**
Semester 3	MTH	114	Linear Algebra	MTH 112	3
	MTH	130	Probability and Statistics	MTH 112	3
	MTH	203	Discrete Mathematics for Computing Science	BCS 102, MTH 120	3
	BCS	201	Logic for Computing Science	MTH 120	3
	BCS	202	Introduction to Computing Science II	BCS 102	3
	ENT	241	Entrepreneurship 1	ENT 142	2
	Total				**17**
Semester 4	ENG	210	Computer Architecture	BCS 202 or ENG 101	4
	BCS	203	Software Specifications	BCS 201, BCS 202	3
	BCS	204	System-Level Programming	BCS 102	3
	BCS	205	Programming Paradigms	BCS 201, BCS 202	3
	BCS	206	Information Structures	BCS 202, MTH 203	3
	ENT	242	Entrepreneurship 2	ENT 241	1
	Total				**17**
Semester 5	BCS	301	Operating Systems	BCS 206, ENG 210	4
	GED	198	Islamic Culture	None	3
	BCS	302	Scientific Computing	BCS 102, MTH 114	3
	BSD	310	Game Design	BCS 202, BCS 206	3
	BSD	311	Human Computer Interaction	BCS 206	3
	Total				**16**
Semester 6	BCS	305	Software Architecture	BCS 203, BCS 206	3
	BCS	306	Database Management Systems	BCS 201, BCS 202	3
	BSD	312	Software Quality	BCS 204	3
	BSD	313	Advanced User Interface Design	BSD 311	3
	BCS	309	Algorithms I	BCS 201, BCS 206	3
	Total				**15**
Semester 7	BSD	410	Software Design Project	Completed 90 Cr. Hrs.	6
	BSD	402	Formal Methods	BCS 305	3
	BSD	403	Software Requirements	BCS 305	3
	BCS	401	Ethics for Computing Professionals	None	3
	GED	196	Communication Skills in Arabic 1	None	3
	Total				**18**
Semester 8	BSD	410	Software Design Project (Cont.)	Completed 90 Cr. Hrs.	--
	BSD	404	Algorithms II	BCS 203, BCS 309	3
	XXX	XXX	Major Elective (1)		3
	XXX	XXX	Major Elective (2)		3
	GED	199	UAE Society	None	3
	XXX	XXX	Humanity Elective (2)		3
	Total				**15**
Total Credit Hours					**125**

22.5 Department of Electrical Engineering

22.5.1 Bachelor of Science in Electrical Engineering

The department of Electrical Engineering offer Bachelor of Science in Electrical Engineering program with the following concentration. Students can select one of the concentrations of their choice.

- Electronics
- Mechatronics
- Telecommunication

Bachelor of Science in Electrical Engineering - Electronics

Description:

Electronics is one of the broadest subfields of electrical engineering and includes courses in analog electronics, digital electronics, consumer electronics, embedded systems and power electronics. The Bachelor of Science in Electrical Engineering - Electronics program at Canadian University Dubai offers a quality education that will provide you with the knowledge, techniques and skills needed by the next generation of engineers. The program's well-designed core courses provide hands-on and problem-based learning experiences.

Program Name: Bachelor of Science in Electrical Engineering - Electronics
Credential: Bachelor of Science Degree Program
Duration: 4 Years (8 Semesters)
Credit Hours: 138 Credit Hours
Start Dates: Fall, Spring, and Summer

Benefits:

You will gain valuable hands-on experience provided by the University's state-of-the-art telecommunication labs, as well as the opportunity to contribute to faculty research projects. You will benefit from exposure to industry professionals through free tutorials and workshops delivered by international companies. On graduating from the program, you will have a strong practical and theoretical background in Telecommunication Engineering and will be prepared to enter the workforce with a fully accredited Bachelor of Science degree.

Career Opportunities:

Electronics engineers are employed in a range of industries such as:

- The electrical and electronics industries, including robotics, digital technology, automotive, telecommunications, electronics consultancies and electronic equipment manufacturers
- Other engineering industries such as aerospace, energy, chemical and marine
- Utility companies
- Research centres and institutions, both academic and commercial
- The public sector, including civil service, local authorities, hospitals and educational institutions

Bachelor of Science in Electrical Engineering - Mechatronics

Description:

Mechatronics is a multidisciplinary subject which combines elements of computer, electrical and mechanical engineering. The objective of this CUD degree is to expand your working knowledge of engineering to include applied electronics and microcontroller programming. You will be introduced to issues that impact the design of mechatronic systems. An example of this is an industrial robot.

If you have an interest in mechatronics and an experiential learning approach that provides hands-on experience in engineering problem solving, then this is the program for you.

Program Name: Bachelor of Science in Electrical Engineering - Mechatronics
Credential: Bachelor of Science Degree Program
Duration: 4 Years (8 Semesters)
Credit Hours: 138 Credit Hours
Start Dates: Fall, Spring, and Summer

Benefits:

Mechatronics students at CUD are exposed to a variety of disciplines, so you will be well-equipped to excel in a wide range of fields – including electrical and mechanical engineering – and have the potential to quickly reach management positions. The combined skills of the Mechatronics graduate are becoming increasingly valuable to employers in various fields.

Recognizing the need for diversification away from the oil and gas industry, the UAE has chosen to invest heavily in the creation of a knowledge economy based on technological advancement and innovation, including advancement in robotics technology. As a Mechatronics graduate, you will find yourself in demand across a range of established and developing fields of key importance to the UAE, from clean energy to manufacturing and healthcare.

Career Opportunities:

You will be thoroughly prepared to work in design and development in a number of areas including:

- Medical robotics, systems and instrumentation
- Defense robotics and systems
- Manufacturing robotics and systems
- Industrial and home robotics
- Automotive robotics and systems
- Distributed systems
- Smart consumer products

Bachelor of Science in Electrical Engineering - Telecommunication

Description:

Canadian University Dubai's Bachelor of Science in Electrical Engineering - Telecommunication takes a fully integrated approach to the science and engineering of all that makes communication through electronic devices possible.

The telecommunication concentration will provide you with the knowledge required to design, implement, operate, and manage telecommunication systems that process and carry out the transmission of data, voice and video signals over wireless and optical networks. Alongside a theoretical education, you will gain technical and practical skills to help you develop into an engineering professional, ready to contribute to the economic, social, and technological development of the business community.

Program Name: Bachelor of Science in Electrical Engineering - Telecommunication
Credential: Bachelor of Science Degree Program
Duration: 4 Years (8 Semesters)
Credit Hours: 138 Credit Hours
Start Dates: Fall, Spring, and Summer

Benefits:

You will gain valuable hands-on experience provided by the University's state-of-the-art telecommunication labs, as well as the opportunity to contribute to faculty research projects. You will benefit from exposure to industry professionals through free tutorials and workshops delivered by international companies. On graduating from the program, you will have a strong practical and theoretical background in Telecommunication Engineering and will be prepared to enter the workforce with a fully accredited Bachelor of Science degree.

Career Opportunities:

The Telecommunication Engineering program opens the door to a wide spectrum of career options and opportunities for further advanced studies. Career paths in Telecommunications include:

- Telecommunication Systems Engineer
- Telecommunication Designer
- Telecommunication Networks Engineer
- Telecommunication Consultant
- TV and Radio Broadcast Engineer
- Computer Networks Engineer
- Next-Generation Networks Designer
- Radio Frequency Engineer

a) Program Learning Outcomes (PLOs)

Upon successful completion of the program the student will be able to:

1. Demonstrate an understanding of the concepts and principles of mathematics, science, computing, and engineering.
2. Acquire specialized knowledge of principles, concepts and methodologies related to Electrical Engineering.
3. Demonstrate in depth understanding of the fundamental principles in **Electronics/ Mechatronics/Telecommunication** components, systems and processes.
4. Communicate effectively orally and in writing using various media and information technology tools.
5. Evaluate electrical systems using appropriate research and experimentation methods, data analysis and interpretation, and information synthesis.
6. Creatively design **Electronics/ Mechatronics/Telecommunication** components, systems or processes through the integration and application of diverse technical knowledge.
7. Work effectively and creatively, individually and in teams and demonstrate leadership skills.
8. Comply with international standards in designing and developing **Electronics/ Mechatronics/Telecommunication.**
9. Comprehend the impact of globalization, economic, cultural, ethical, legal and societal factors on the Electrical Engineering industry.
10. Pursue academic and/or professional development, to be aware of current advances.

b) Program Learning Outcomes (PLOs) Alignment with QF-Emirates

PLOs	Knowledge	Skills	Aspects of Competence		
			Autonomy & Responsibility	Role in Context	Self-Development
PLO1	✓				
PLO2	✓				
PLO3	✓				
PLO4		✓			
PLO5		✓			
PLO6		✓			
PLO7			✓	✓	
PLO8			✓	✓	
PLO9			✓	✓	
PLO10					✓

c) Bachelor of Science in Electrical Engineering Program Requirements

Requirements	Compulsory Cr. Hrs.	Elective Cr. Hrs.	Total Cr. Hrs.
University Requirements (GE Courses)	21	03	24
Program Core Requirements (Core Courses)	72	-	72
Concentration Requirements	36	06	42
Total	**129**	**09**	**138**

University Requirements [General Education Courses - 24 Credits]

Course Code		Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (21 Credits)				
LNG	181	English I for Engineering and Computing	None	3
LNG	182	English II for Engineering and Computing	LNG 181	3
GED	198E	Islamic Culture	None	3
GED	199E	UAE Society	None	3
ENT	141	Fundamentals of Innovation and Entrepreneurship 1	None	2
ENT	142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
SHS	103	Chemistry	None	3
ENG	410	Professional and Ethical Practice	None	3
Elective Courses (Humanities - 03 Credits): Students are required to select One Course from the following Pool				
GED	110E	Modern Art Appreciation	None	3
GED	196E	Communication Skills in Arabic 1	None	3
GED	205E	Psychology in Everyday Life	LNG 172 or LNG 182	3
GED	252E	Critical Thinking	LNG 172 or LNG 182	3
GED	272E	Fundamentals of Public Speaking	LNG 172 or LNG 182	3
GED	298E	Special Topics in Western Culture	GED 198E, LNG 172 or LNG 182	3
GED	324E	Ethical Reasoning for Today's World	LNG 172 or LNG 182	3

Program Core Requirements [Core Courses - 72 Credits]

Course Code		Course Title	Prerequisite / Corequisite	Cr. Hrs.
ENG	101	Digital Logic	None	4
NET	110	Computer Networks Fundamentals	ENG 101	3
SWS	110	Programming I	None	3
MTH	112	Calculus I	Pass Math Placement Test or MTH 012	3

Course Code		Course Title	Prerequisite / Corequisite	Cr. Hrs.
MTH	113	Calculus II	MTH 112	3
MTH	130	Probability and Statistics	MTH 112	3
MTH	212	Calculus III	MTH 113	3
MTH	220	Ordinary Differential Equations	MTH 212	3
ENG	210	Computer Architecture	ENG 101	4
ENG	221	Electric Circuit	SCI 210	4
ENG	222	Engineering Electromagnetics	MTH 212, SCI 210	3
ENG	223	Electric Circuit II	ENG 221	3
ENT	241	Entrepreneurship 1	ENT 142	2
ENT	242	Entrepreneurship 2	ENT 241	1
SCI	210	Modern Physics	SCI 220 & MTH 113	3
SCI	220	Engineering Mechanics	MTH 112	3
BUS	310	Project Management	Completion of 60 Credit Hours	3
BUS	311	Engineering Economy	MTH 130	3
ENG	301	Electronics II	ENG 310	3
ENG	310	Electronics I	ENG 221	3
ENG	314	Electric Machines	ENG 223	3
ENG	315	Control Systems	MTH 220	3
SWS	316	Programming II	SWS 110	3
COM	411	Digital Filter Design	MTH 220	3

Concentration Requirements [42 Credits]

Students are required to select one of the concentrations (Electronics, Mechatronics, or Telecommunication). For the selected concentration, students are required to complete successfully 15 courses (42 Credit Hours) of which 13 courses (36 Cr. Hrs.) are compulsory and two courses (06 Cr. Hrs.) are Electives.

i. Concentration Courses – Electronics [42 Credits]

Course Code		Course Title	Prerequisite / Corequisite	Cr. Hrs.
Compulsory Courses (36 Credits)				
COM	311	Signals and Systems	MTH 220	3
ELC	320	Power Electronics	ENG 301	3
ENG	320	Internship	90 Cr. Hrs. & CGPA ≥ 2.0	2
ELC	323	Instrumentation and Measurements	ENG 223	3
ELC	330	Microcontrollers and Embedded Systems	ENG 210	3
ENG	400	Graduation Project-1	Completed 100 Credit Hours	2
ENG	401	Graduation Project-2	ENG 400	2
ELC	411	Communication Electronics	ENG 301	3
ELC	412	Digital System Design	ENG 210	3
ELC	421	VLSI Design	ELC 411	3
ELC	422	Optoelectronics	ENG 301	3
ELC	425	Nanoelectronics	ENG 301	3
ELC	427	Analog Integrated Circuits	ELC 411	3
Elective Courses (06 Credits): Students are required to select Two Courses from the following courses				
MEC	412	Sensors and Actuators	ELC 323	3
ELC	423	Data Acquisition and Interfacing	ELC 330	3
ELC	424	Digital ASIC Design	ENG 301	3
ELC	430	Solid State Devices	ENG 222, ENG 301	3
ELC	435	Hardware Functional Verification	ELC 412	3

ii. Concentration Courses – Mechatronics [42 Credits]

Course Code		Course Title	Prerequisite / Corequisite	Cr. Hrs.
Compulsory Courses (36 Credits)				
MEC	305	Mechanical Vibrations	MTH 220, COM 311	3
MEC	306	Electro-Pneumatic and Hydraulic Control Circuits	SCI 210	3
MEC	310	Mechatronics Engineering	ENG 301, ELC 323	3
ENG	320	Internship	90 Credit Hours & CGPA ≥ 2.0	2
ELC	323	Instrumentation and Measurements	ENG 223	3
ENG	400	Graduation Project-1	Completed 100 Credit Hours	2
ENG	401	Graduation Project-2	ENG 400	2
MEC	411	Intelligent Systems	MTH 130, SWS 316	3
MEC	412	Sensors and Actuators	ELC 323	3
MEC	413	Industrial Automation	MEC 310	3
MEC	421	Robotics	MEC 310, MEC 411, MEC 412	3
MEC	422	Mechatronics Systems Design	MEC 310, MEC 412	3
MEC	427	Computer Integrated Manufacturing (CIM)	MEC 413	3
Elective Courses (06 Credits): Students are required to select Two Courses from the following courses				
ELC	320	Power Electronics	ENG 301	3
ELC	330	Microcontrollers and Embedded Systems	ENG 210	3
ELC	412	Digital System Design	ENG 210	3
MEC	425	Production Management for Engineers	BUS 310, MEC 411	3
MEC	426	Fluid Mechanics	MEC 412	3

iii. Concentration Courses – Telecommunication [42 Credits]

Course Code		Course Title	Prerequisite / Corequisite	Cr. Hrs.
Compulsory Courses (36 Credits)				
NET	120	LAN Switching and Routing	NET 110	3
COM	310	Coding and Information Theory	MTH 130	3
COM	311	Signals and Systems	MTH 220	3
COM	320	Telecommunications	ENG 301, COM 310 & COM 311	2
COM	321	Advanced Programming in Telecom	NET 120	3
COM	322	Applied Electromagnetics	ENG 222	3
ENG	320	Internship	90 Credit Hours & CGPA ≥ 2.0	3
COM	412	Digital Communications	COM 320, COM 322	2
COM	413	Communication Systems	COM 320, COM 322	2
COM	420	Optical Communications	COM 320, COM 322	3
ENG	400	Graduation Project-1	Completed 100 Credit Hours	3
ENG	401	Graduation Project-2	ENG 400	3
NET	424	Broadband Communications	NET 110	3
Elective Courses (06 Credits): Students are required to select Two Courses from the following courses				
NET	222	Wireless Networks	COM 412	3
NET	323	Voice/IP Convergence	NET 110	3
ELC	323	Instrumentation and Measurements	ENG 223	3
COM	421	RFID Technology	COM 320, COM 321 & COM 322	3
COM	427	Satellite Communications	COM 322 & COM 412	3

Study Plan - Bachelor of Science in Electrical Engineering - Electronics

Sem.	Course Code		Course Title	Prerequisite/ Corequisite	Cr. Hrs.
Semester 1	LNG	181	English I for Engineering and Computing	None	3
	ENG	101	Digital Logic	None	4
	MTH	112	Calculus I	Pass Math Placement Test or MTH 012	3
	SHS	103	Chemistry	None	3
	SWS	110	Programming I	None	3
	ENT	141	Fundamentals of Innovation and Entrepreneurship 1	None	2
	Total				**18**
Semester 2	LNG	182	English II for Engineering and Computing	LNG 181	3
	SCI	220	Engineering Mechanics	MTH 112	3
	MTH	113	Calculus II	MTH 112	3
	NET	110	Computer Networks Fundamentals	ENG 101	3
	SWS	316	Programming II	SWS 110	3
	ENT	142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
	Total				**16**
Semester 3	MTH	212	Calculus III	MTH 113	3
	MTH	130	Probability and Statistics	MTH 112	3
	SCI	210	Modern Physics	SCI 220 & MTH 113	3
	ENG	221	Electric Circuits I	SCI 210	4
	ENT	241	Entrepreneurship 1	ENT 142	2
	Total				**15**
Semester 4	MTH	220	Ordinary Differential Equations	MTH 212	3
	ENG	210	Electronics I	ENG 220	3
	ENG	222	Engineering Electromagnetics	MTH 212 & SCI 210	3
	ENG	223	Electric Circuit II	ENG 221	3
	NET	112	Computer Architecture	NET 101	4
	ENT	242	Entrepreneurship 2	ENT 241	1
	Total				**17**
Semester 5	ENG	301	Electronics II	ENG 310	3
	GED	198	Islamic Culture	None	3
	ELC	412	Digital System Design	ENG 210	3
	COM	311	Signals and Systems	MTH 220	3
	BUS	311	Engineering Economy	MTH 130	3
	XXX	XXX	Humanity Elective		3
	Total				**18**
Semester 6	BUS	310	Project Management	Completion of 60 Credit Hours	3
	ENG	314	Electric Machines	ENG 223	3
	ENG	315	Control Systems	MTH 220	3
	ELC	320	Power Electronics	ENG 301	3
	ELC	323	Instrumentation and Measurements	ENG 223	3
	COM	411	Digital Filter Design	MTH 220	3
	Total				**18**
Semester 7	ENG	410	Professional and Ethical Practice	None	3
	ELC	330	Microcontrollers and Embedded Systems	ENG 210	3
	ELC	411	Communication Electronics	ENG 301	3
	ELC	422	Optoelectronics	ENG 301	3
	ENG	400	Graduation Project-1	Completed 100 Credits	2
	XXX	XXX	Concentration Elective (1)		3
	Total				**17**
Semester 8	ELC	421	VLSI Design	ELC 411	3
	ENG	401	Graduation Project-2	ENG 400	2
	ELC	425	Nanoelectronics	ENG 301	3
	ELC	427	Analog Integrated Circuits	ELC 411	3
	XXX	XXX	Concentration Elective (2)		**3**
	GED	199	UAE Society	None	3
	Total				**17**
Internship to be taken summer semester after completion of 90 Cr. Hr. + CGPA 2.0 or more					**2**
Total Credit Hours					**138**

Study Plan - Bachelor of Science in Electrical Engineering - Mechatronics

Sem.	Course Code		Course Title	Prerequisite/ Corequisite	Cr. Hr.
Semester 1	LNG	181	English I for Engineering and Computing	None	3
	ENG	101	Digital Logic	None	4
	MTH	112	Calculus I	Pass Math Placement Test or MTH 012	3
	SHS	103	Chemistry	None	3
	SWS	110	Programming I	None	3
	ENT	141	Fundamentals of Innovation and Entrepreneurship 1	None	2
	Total				**18**
Semester 2	LNG	182	English II for Engineering and Computing	LNG 181	3
	SCI	220	Engineering Mechanics	MTH 112	3
	MTH	113	Calculus II	MTH 112	3
	NET	110	Computer Networks Fundamentals	ENG 101	3
	SWS	316	Programming II	SWS 110	3
	ENT	142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
	Total				**16**
Semester 3	MTH	212	Calculus III	MTH 113	3
	MTH	130	Probability and Statistics	MTH 112	3
	SCI	210	Modern Physics	SCI 220 & MTH 113	3
	ENG	221	Electric Circuit	SCI 210	4
	ENT	241	Entrepreneurship 1	ENT 142	2
	Total				**15**
Semester 4	MTH	220	Ordinary Differential Equations	MTH 212	3
	ENG	310	Electronics I	ENG 221	3
	ENG	222	Engineering Electromagnetics	MTH 212, SCI 210	3
	ENG	223	Electric Circuit II	ENG 221	3
	ENG	210	Computer Architecture	ENG 101	4
	ENT	242	Entrepreneurship 2	ENT 241	1
	Total				**17**
Semester 5	ENG	301	Electronics II	ENG 310	3
	GED	198	Islamic Culture	None	3
	MEC	305	Mechanical Vibrations	MTH 220	3
	MEC	306	Electro-pneumatic and Hydraulic Control Circuits	SCI 210	3
	BUS	311	Engineering Economy	MTH 130	3
	XXX	XXX	Humanity Elective		3
	Total				**18**
Semester 6	BUS	310	Project Management	Completion of 60 Credit Hours	3
	ENG	314	Electric Machines	ENG 223	3
	ENG	315	Control Systems	MTH 220	3
	MEC	310	Mechatronics Engineering	ENG 301 & ELC 323	3
	ELC	323	Instrumentation and Measurements	ENG 223	3
	COM	411	Digital Filter Design	MTH 220	3
	Total				**18**
Semester 7	ENG	410	Professional and Ethical Practice	None	3
	MEC	412	Sensors and Actuators	ELC 323	3
	MEC	411	Intelligent Systems	MTH 130, SWS 316	3
	XXX	XXX	Concentration Elective (1)		3
	ENG	400	Graduation Project-1	Completed 100 Credit Hours	2
	MEC	413	Industrial Automation	MEC 310	3
	Total				**18**
Semester 8	MEC	422	Mechatronics Systems Design	MEC 310, MEC 412	3
	ENG	401	Graduation Project-2	ENG 400	2
	MEC	427	Computer Integrated Manufacturing (CIM)	MEC 413	3
	MEC	421	Robotics	MEC 310, MEC 411, MEC 412	4
	XXX	XXX	Concentration Elective (2)		**3**
	GED	199	UAE Society	None	3
	Total				**17**
Internship to be taken summer semester after completion of 90 Cr. Hr. + CGPA 2.0 or more					**2**
Total Credit Hours					**138**

Study Plan - Bachelor of Science in Electrical Engineering - Telecommunication

Sem.	Course Code		Course Title	Prerequisite/ Corequisite	Cr. Hr.
Semester 1	LNG	181	English I for Engineering and Computing	None	3
	ENG	101	Digital Logic	None	4
	MTH	112	Calculus I	Pass Math Placement Test or MTH 012	3
	SHS	103	Chemistry	None	3
	SWS	110	Programming I	None	3
	ENT	141	Fundamentals of Innovation and Entrepreneurship 1	None	2
	Total				**18**
Semester 2	LNG	182	English II for Engineering and Computing	LNG 181	3
	SCI	220	Engineering Mechanics	MTH 112	3
	MTH	113	Calculus II	MTH 112	3
	NET	110	Computer Networks Fundamentals	ENG 101	3
	SWS	316	Programming II	SWS 110	3
	ENT	142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
	Total				**16**
Semester 3	MTH	212	Calculus III	MTH 113	3
	MTH	130	Probability and Statistics	MTH 112	3
	SCI	210	Modern Physics	SCI 220 & MTH 113	3
	ENG	221	Electric Circuit	SCI 210	4
	ENT	241	Entrepreneurship I	ENT 142	2
	Total				**15**
Semester 4	MTH	220	Ordinary Differential Equations	MTH 212	3
	ENG	310	Electronics I	ENG 221	3
	ENG	222	Engineering Electromagnetics	MTH 212, SCI 210	3
	ENG	223	Electric Circuit II	ENG 221	3
	ENG	210	Computer Architecture	ENG 101	4
	ENT	242	Entrepreneurship II	ENT 241	1
	Total				**17**
Semester 5	ENG	301	Electronics II	ENG 310	3
	GED	198	Islamic Culture	None	3
	COM	310	Coding and Information Theory	MTH 130	3
	COM	311	Signals and Systems	MTH 220	3
	BUS	311	Engineering Economy	MTH 130	3
	XXX	XXX	Humanity Elective		3
	Total				**18**
Semester 6	BUS	310	Project Management	Completion of 60 Credit Hours	3
	ENG	314	Electric Machines	ENG 223	3
	ENG	315	Control Systems	MTH 220	3
	COM	320	Telecommunications	COM 310, COM 311 & ENG 301	3
	COM	322	Applied Electromagnetics	ENG 222	3
	COM	411	Digital Filter Design	MTH 220	3
	Total				**18**
Semester 7	ENG	410	Professional and Ethical Practice	None	3
	COM	413	Communication Systems	COM 320, COM 322	3
	COM	412	Digital Communications	COM 320, COM 322	3
	COM	420	Optical Communications	COM 320, COM 322	3
	ENG	400	Graduation Project-1	Completed 100 Credit Hours	2
	NET	120	LAN Switching and Routing	NET 110	3
	Total				**17**
Semester 8	NET	424	Broadband Communications	NET 110	3
	ENG	401	Graduation Project-2	ENG 400	2
	COM	321	Advanced Programming in Telecom	NET 120	3
	XXX	XXX	Concentration Elective (1)		3
	XXX	XXX	Concentration Elective (2)		3
	GED	199	UAE Society	None	3
	Total				**17**
Internship to be taken summer semester after completion of 90 Cr. Hr. + CGPA 2.0 or more					**2**
Total Credit Hours					**138**

School of Management

A Word from the Dean

I would like to take this opportunity to welcome you to the School of Management. In common with the overall approach at Canadian University Dubai, the School of Management brings you the very best of the diverse North American learning culture, providing a range of opportunities to develop your management-related knowledge and career. The curriculum, teaching methods and support services are innovative, dynamic and designed to deliver an authentic learning experience that is directly linked to state-of-the-art research and practice. All programs and courses are delivered by experienced faculty and talented researchers with local and international experience from North America and around the globe.

The choice you have made to study with us will help define your future career direction, and you will find our experienced faculty members to be capable teachers and researchers who are highly supportive of your ambitions. The faculty is committed to the pursuit of academic excellence through the use of outcome-based teaching and learning (OBTL) leveraging a new 'invention enriched' approach to curriculum development and delivery (the Invention Focused Curriculum or IFC). This approach means that every student in our faculty is encouraged to explore, develop, invent and apply newly discovered knowledge acquired during their time at CUD.

The School of Management has partnered with a range of globally renowned education and corporate institutions to provide exciting opportunities for students to progress and grow. The School offers a range of programs and courses designed to enable our students to excel in their chosen specializations. Complemented by an innovative curriculum and ultra-modern learning technology spread across its campus buildings, the School of Management gives you the skills, tools and knowledge to step into the business world ready to engage as the leader you have the potential to be.

School of Management (FOM)
Canadian University Dubai

22.6 Department of Undergraduate Programs

22.6.1 Bachelor of Business Administration (BBA)

The School of Management offers Bachelor of Business Administration (BBA) program with the following Majors:

- BBA in Accounting and Finance
- BBA in e-Business
- BBA in Events and Tourism Management*
- BBA in Forensic Accounting*
- BBA in Human Resource Management
- BBA in International Business
- BBA in Luxury Marketing*
- BBA in Marketing
- BBA in Operations and Supply Chain Management*
- BBA in Sports Management*

* *Currently not accepting any new students in the program until further notice.*

Bachelor of Business Administration in Accounting and Finance

Description:

Accounting and finance is a dynamic business sector that offers significant potential for professional growth. Financing forms the basis of any commercial venture and financial planning, monitoring and accounting is an essential business function of any organization. Developing an understanding of how financial institutions operate and the frameworks in which they work is an important platform for a career in the sector.

Our BBA in Accounting and Finance will equip you with the detailed knowledge and skills needed to take on professional roles in the fields of corporate finance and accounting. You will complete a challenging program of courses, which include banking, securities analysis, capital analysis, portfolio management, financial regulation, wealth management, international financial management, management accounting systems, and International Financial Reporting Standards (IFRS).

Benefits:

Canadian University Dubai's BBA in Accounting and Finance program will develop your skills in planning, critical analysis and financial evaluation in order to prepare you for the dynamic and challenging world of corporate finance. The degree will also provide you with a platform to move forward in an accounting career, as graduates of this program are well-positioned to advance into professional designation training initiatives, including CMA, CFA, and CA.

Career Opportunities:

As a flourishing sector, particularly in the region, there are a wealth of career opportunities in the finance and accounting sector. Graduates of the program can pursue professional roles in global corporations, government and international agencies, international trade, and international public institutions. Our BBA in Accounting and Finance is designed to prepare students for careers in:

- Banking
- Investments
- Wealth Management
- Securities Trading and Analysis

- Accounting
- Audit
- Financial Management
- Credit Control

Bachelor of Business Administration in e-Business

Description:

e-Business (Electronic Business) optimizes the application of information and communication technology as a tool to increase business competitiveness. In our rapidly evolving technological world business is going beyond traditional static websites and creating a growing need to harness intelligent online enterprise-wide information systems supported by smart mobile technology. Such technologies can transform operational effectiveness across all internal functional areas (marketing and sales, production, logistics, purchasing and accounting) and address dynamic customer and vendor needs, whilst promoting a competitive advantage.

Students in the BBA in e-Business program will learn how these technologies are used to address business concepts. You will have access to Canadian University Dubai's unique business simulation laboratory, where you can apply your theoretical learning through an Enterprise Resource Planning (ERP) application system, such as SAP. This gives you authentic insight into business processes and provides you with a head start in your career.

Benefits:

e-Business combines distinct areas of business and information technology in order to provide you with the knowledge and skills needed to optimize e-technologies in planning and implementing enterprise-wide solutions to help meet an organization's business objectives. These technologies are utilized in re-engineering business processes and operations across a range of business activities such as social media initiatives, business analytics, e-marketing, e-procurement, customer relationship management (CRM), supply chain management (SCM) as well as traditional online transaction processing.

The combination of technology-related theories and practical hands-on application creates an interactive, collaborative learning environment that helps you understand and implement concepts using industry best-practice technology, thereby enhancing your employment opportunities after graduation.

Career Opportunities:

The extensive application of e-business concepts across professional organizations mean that career opportunities exist in global corporations, government and international agencies, international trade, and international public institutions. The BBA in e-Business program prepares students for careers leading to a range of senior positions such as:

- Social Media Analyst
- Online Market Researcher
- Business Data Analyst
- Business Process Engineer
- ERP Specialist / CRM & SCM Officers
- e-Business Consultant
- Project Management
- e-Business Entrepreneur

Bachelor of Business Administration in Human Resource Management

Description:

Human capital is a critical resource for any organization, and the ever-changing industrial and commercial workplace laws, combined with the globalization of industry, mean that human resource management has become an important, strategic business function. Human resource professionals oversee a number of fundamental business processes, from resource planning and recruitment, to developing people and managing change.

The BBA in Human Resource Management will prepare you to contribute both strategically and operationally towards an organization's development of its workforce. During the program, you will study strategic staffing, compensation and benefits, employee and labour relations, integrated human resource development systems, and decision support processes to help you develop the critical knowledge and core skills needed to become an effective HR professional.

Benefits:

With a BBA in Human Resource Management from Canadian University Dubai, you will be equipped to apply various concepts and techniques in order to optimize human talent in the workplace. You will develop both practical and theoretical skills to help you understand, develop and manage the most valuable assets of an organization and to succeed in one of the most diverse and crucial professional disciplines of the twenty-first century.

Career Opportunities:

Human resource management is an essential business function that exists across all professional organizations. As a graduate of the program, you will be able to pursue career opportunities in global corporations, government and international agencies, international trade, and international public institutions in the following areas:

- Human Resource Management
- Human Resource Consultancy,
- Human Resource Development
- Staffing
- Compensation, Benefits & Labour Relations
- Organizational Development
- Training and Professional Development

Bachelor of Business Administration in International Business

Description:

The globalization of commercial operations has generated demand for managers that are competent in international business practice and strategies. Today's firms view the entire globe as a potential market, increasing the demand for international business professionals to provide superior products and services worldwide. While the global business environment shares many common principles with domestic business practice, it is also distinct in a number of ways, and it is important to develop graduates who are equipped to compete and do business internationally.

The BBA in International Business will prepare you for managerial careers in the increasingly competitive and interdependent international business markets. It emphasizes the essential knowledge, skills and management techniques required to conduct international business operations in an ever-changing global market place.

Benefits:

A BBA in International Business from Canadian University Dubai will provide you with real-world insights into the relevant social, political, legal, and macro-economic factors influencing international business. You will acquire vital skills and competencies through specialized international courses in Economics, Accounting, Finance, Management, Marketing, and Global Logistics and Supply Chain Management, while enhancing your communication skills in a multicultural environment. You will also develop your knowledge of how business is conducted domestically and overseas, how to provide superior service to global customers, and how to expand a local business globally.

The program will give you important insights into how international business practices and customs differ from those in the UAE market, as well as practical knowledge of how business transactions between and within nations are conducted; the laws and logistics of international trade; and handling investments in foreign markets.

Career Opportunities:

Opportunities in international business will continue to grow as more and more firms move into the global marketplace. Career opportunities for international business graduates exist in many corporations, government or international agencies, international trade, or international public institutions that have a global reach. International business professionals practice in sectors such as:

- Export and Import
- Advertising and Media
- Foreign Currency Investment
- Telecommunications
- Tourism and Transportation
- Logistics and Supply Chain
- Manufacturing and Services
- Aerospace
- Oil and Gas (Energy)
- Banking and Financial Services
- International Agencies
- Non-governmental Agencies (NGOs)
- Customs and Immigration

Bachelor of Business Administration in Marketing

Description:

Marketing is an essential function for every successful business. The key to marketing is to understand customers' value expectations and develop a marketing plan that will exceed those expectations, at the right time, at the right place and at the right price. In today's enormously competitive global business environment, the strategic positioning of products/services and brands is a critical factor in the success of virtually all organizations. Proactive organizations require marketing strategies that meet consumer demands, achieve sustainable competitive advantage, and ultimately enhance financial performance.

The BBA in Marketing will prepare you to succeed in the ever-changing global business environment by helping you develop an understanding of all aspects of the marketing function within an organization. You will be exposed to current theories and practices in consumer behavior, marketing research, sales, retailing, advertising, promotion, branding and e-marketing.

Benefits:

As a graduate of Canadian University Dubai's BBA in Marketing you will be equipped to contribute to the development and implementation of marketing strategies, analyze market trends, and capitalize on promotional opportunities. The marketing specialization is designed to enable you to analyze the challenges of providing consumer and industrial goods and services to a wide variety of markets.

The program goes beyond the classroom to include real-world, hands-on, and international experience, and students are encouraged to explore marketing internships and study abroad opportunities that will prepare them for a number of career opportunities in marketing and related areas.

Career Opportunities:

As a universal function across all sectors of business career opportunities in marketing exist in global corporations, government and international agencies, international trade, and international public institutions. As a marketing graduate, you will be qualified to pursue roles in a broad range of marketing areas including:

- Marketing and Sales Management
- Advertising/Promotion and Direct Marketing
- Brand and Product Management
- Market Research
- Public Relations
- Customer Relationship Management
- Social Media Marketing
- Healthcare Marketing: Healthcare Marketing Manager
- Retail Management
- Purchasing and Distribution Management

a) Program Learning Outcomes (PLOs)

Upon successful completion of the program the student will be able to:

1. Develop an understanding of relevant principles and theoretical knowledge including accounting, finance, management, marketing and related fields, and their application to business contexts.
2. Acquire specialized knowledge in their chosen specialization to provide specialized services of high quality and accurate information for different stakeholders' groups in local and global environments.
3. Demonstrate effective project management and communication skills in professional environment using various media and IT tools, orally and in writing.
4. Employ different specialized techniques and methods including research methods in their future workplace which is related to their specialization.
5. Critically analyze data and synthesize information using quantitative methods and analytical reasoning to problem-solving.
6. Perform assigned specialized tasks individually and in teams demonstrating leadership skills, and taking into consideration professional and societal norms, regulations, and proper ethical values and behavior.
7. Deploy gained knowledge and acquired skills to deal with, and coordinate specialized tasks in different organizational contexts.

8. Recognize the need to continue learning and acquiring new knowledge and skills with an attitude that is conducive to professional development and growth.

b) Program Learning Outcomes (PLOs) Alignment with QF-Emirates

PLOs	Knowledge	Skills	Aspects of Competence		
			Autonomy & Responsibility	Role in Context	Self-Development
PLO1	✓				
PLO2	✓				
PLO3	✓				
PLO4		✓			
PLO5		✓			
PLO6			✓		
PLO7				✓	
PLO8					✓

c) Bachelor of Business Administration (BBA) Program Requirements

Requirements	Compulsory Cr. Hrs.	Elective Cr. Hrs.	Total Cr. Hrs.
University Requirements (GE Courses)	21	06	27
Program Core Requirements (Core Courses)	60	06	66
Concentration Requirements ***(BBA students are required to select one of the following Concentrations)***			
i. BBA in Accounting and Finance	24	06	30
ii. BBA in e-Business			
iii. BBA in International Business			
iv. BBA in Marketing			
Total	**105**	**18**	**123**
v. BBA in Human Resource Management	27	03	30
Total	**108**	**15**	**123**

University Requirements [General Education Courses - 27 Credits]

Course Code		Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (21 Credits)				
LNG	171-2	English I	None	3
LNG	172-2	English II	LNG 171-2	3
GED	101	Application of Computer Software	None	3
GED	198E	Islamic Culture	None	3
GED	199E	UAE Society	None	3
ENT	141	Fundamentals of Innovation and Entrepreneurship 1	None	2
ENT	142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
MTH	196	Mathematics for Business	None	3
Elective (Science & Technology - 03 Credits): Students are required to Select One Course from the following Pool				
BIO	102	Biology I	None	3
SHS	103	Chemistry	None	3
GED	125E	Ecosystems and Human Health	None	3
GED	132E	Science and Technology in Society	None	3
ENV	201	Principles of Environmental Sciences	None	3

Course Code		Course Title	Prerequisite	Cr. Hrs.
Elective (Humanities - 03 Credits): Students are required to Select One Course from the following Pool				
GED	110E	Modern Art Appreciation	None	3
GED	111	Music Appreciation and Communication	None	3
GED	112	Using Positive Psychology at Work	LNG 172	3
GED	196E	Communication Skills in Arabic 1	None	3
GED	205E	Psychology in Everyday Life	LNG 172	3
GED	252E	Critical Thinking	LNG 172	3
GED	272E	Fundamentals of Public Speaking	LNG 172	3
GED	324E	Ethical Reasoning for Today's World	LNG 172	3

School Requirements [Core Courses - 66 Credits]

Course Code		Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (60 Credits)				
ACT	112	Principles of Accounting I	None	3
ACT	212	Principles of Accounting II	ACT 112	3
ECO	221	Principles of Microeconomics	None	3
ECO	222	Principles of Macroeconomics	None	3
ENT	241	Entrepreneurship 1	ENT 142	2
ENT	242	Entrepreneurship 2	ENT 241	1
FIN	201	Managerial Finance	ACT 112	3
HRM	210	Human Resource Management	MGT 202	3
MGT	202	Principles of Management	None	3
MGT	210	Business Report Writing	LNG 172	3
MGT	231	Legal Environment of Business	LNG 172, MGT 202	3
MKT	201	Principles of Marketing	LNG 171	3
QBA	241	Quantitative Business Analysis	MTH 196 or Equivalent	3
INB	360	International Business	MGT 202	3
MGT	311	Business Research Methodologies	QBA 341	3
MGT	320	Organizational Behavior	HRM 210	3
MGT	361	Operations Management	MGT 202, QBA 341	3
QBA	341	Quantitative Approaches to Decision Making	QBA 241	3
SWS	351	Management Information Systems	GED 101E	3
MGT	405	Business Ethics and Social Responsibility	Complete 90 Cr. Hrs.	3
MGT	470	Strategic Management	HRM 210, ECO 221, ECO 222, FIN 201, MKT 201, MGT 361, & 90 Cr. Hrs.	3
Elective Courses (06 Credits): Students are required to Select Two Courses from the following courses				
SPT	112	Introduction to Sport Management	None	3
BUS	205	Social and Digital Media	None	3
FIN	325	Financial Markets and Institutions	ECO 222	3
MGT	310	Tourism Management	MGT 202	3

Concentration Requirements [30 Credits]

BBA Students are required to select one of the concentrations and must complete successfully all the compulsory courses and required elective courses of the selected concentration.

i. Concentration Courses - Accounting and Finance [30 Credits]

Course Code		Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (24 Credits)				
ACT	310	Management Accounting	ACT 212	3
ACT	330	International Financial Reporting Standards	ACT 212	3
FIN	310	Corporate Finance	FIN 201	3
FIN	350	Portfolio Management	FIN 201	3
FIN	360	Investment Analysis	FIN 201	3
BUS	400	Internship	90 Credit Hours & CGPA ≥ 2.0	3
ACT	430	Accounting Information Systems	ACT 212	3
ACT	450	Auditing	ACT 310, ACT 330	3
Elective Courses (06 Credits): Students are required to Select Two Courses from the following courses				
ACT	335	Advanced Financial Accounting	ACT 212	3
FIN	320	Financial Statement Analysis	FIN 201	3
FIN	330	International Finance	FIN 201	3
FIN	444	Investment Fund	ECO 222, FIN 310, FIN 350, FIN 360	3
FIN	480	Financial Derivatives	FIN 310, FIN 360	3

ii. Concentration Courses - e-Business [30 Credits]

Course Code		Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (24 Credits)				
EBU	200	e-Business Fundamentals	None	3
EBU	307	Systems Analysis and Business Process Integrations	SWS 351	3
EBU	318	e-Business Web Technologies	EBU 200	3
MKT	340	e-Marketing	MKT 201	3
EBU	350	e-Business Technology Solutions	EBU 318	3
BUS	400	Internship	90 Credit Hours & CGPA ≥ 2.0	3
EBU	406	e-Business Project Management	MGT 361, SWS 351	3
EBU	450	e-Business Consulting Project	Final Semester	3
Elective Courses (06 Credits): Students are required to Select Two Courses from the following courses				
EBU	250	Digital Entrepreneurship	EBU 200	3
MKT	360	Customer Relationship Management	MKT 201	3
SCM	310	Supply Chain Management	QBA 341, MGT 361	3
EBU	490	Special Topics in e-Business	Complete 102 Credit Hours	3

iii. Concentration Courses - Human Resource Management [30 Credits]

Course Code		Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (27 Credits)				
HRM	265	Performance Management	HRM 210	3
HRM	320	UAE Labor Law and Relations	MGT 202	3
HRM	330	Staffing	HRM 210	3
HRM	370	Compensation Management	HRM 210, QBA 241	3

Course Code		Course Title	Prerequisite	Cr. Hrs.
BUS	400	Internship	90 Credit Hours & CGPA ≥ 2.0	3
HRM	410	Human Resource Development	HRM 370	3
HRM	440	International Human Resource Management	HRM 210	3
HRM	460	Introduction to Leadership	HRM 210, MGT 320	3
HRM	470	Strategic Human Resource Management	HRM 265, HRM 370, HRM 410	3
Elective Courses (03 Credits): Students are required to Select One Course from the following courses				
HRM	275	Conflict Management	HRM 210	3
HRM	420	Special Topics in HRM	HRM 210	3
HRM	430	Change Management	HRM 210, MGT 320	3

iv. Concentration Courses - International Business [30 Credits]

Course Code		Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (24 Credits)				
INB	300	International Economics	ECO 222	3
FIN	330	International Finance	FIN 201	3
BUS	400	Internship	90 Credit Hours & CGPA ≥ 2.0	3
INB	340	The International Dimension of Human Resources Management	HRM 210	3
MKT	465	International Marketing	MGT 361	3
INB	420	Business Law	MGT 231	3
INB	450	International Accounting	ACT 212	3
INB	490	Global Business Strategy	INB 300, INB 340, INB 420, INB 450, MKT 465, FIN 330	3
Elective Courses (06 Credits): Students are required to Select Two Courses from the following courses				
SCM	314	Global Supply Chain Management	MGT 361	3
MKT	320	Retailing	MKT 201	3
INB	410	International Management	MGT 202	3
INB	421	International Trade and Policy	INB 300, INB 360	3

v. Concentration Courses Marketing [30 Credits]

Course Code		Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (24 Credits)				
MKT	208	Consumer Behavior	MKT 201	3
MKT	310	Advertising and Promotion	MKT 201	3
MKT	320	Retailing	MKT 201	3
MKT	340	e-Marketing	MKT 201	3
BUS	400	Internship	90 Credit Hours & CGPA ≥ 2.0	3
MKT	430	Marketing Research	MKT 208, QBA 341	3
MKT	465	International Marketing	MGT 361	3
MKT	469	Marketing Management	MGT 320, MKT 430	3
Elective Courses (06 Credits): Students are required to Select Two Courses from the following courses				
MKT	230	Professional Selling	MKT 201	3
MKT	350	Luxury Marketing	MKT 201	3
MKT	364	Services Marketing	MKT 201	3
MKT	371	Brand Marketing	MKT 201	3

Study Plan - BBA in Accounting and Finance

Sem.	Course Code		Course Title	Prerequisite	Cr. Hrs.
Semester 1	LNG	171-2	English I	None	3
	MTH	196	Mathematics for Business	None	3
	GED	101E	Applications of Computer Software	None	3
	MGT	202	Principles of Management	None	3
	ENT	141	Fundamentals of Innovation and Entrepreneurship 1	None	2
	Total				**14**
Semester 2	ACT	112	Principles of Accounting I	None	3
	ECO	221	Principles of Microeconomics	None	3
	LNG	172-2	English II	LNG 171-2	3
	QBA	241	Quantitative Business Analysis	MTH 196 or Equivalent	3
	GED	199E	UAE Society	None	3
	ENT	142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
	Total				**16**
Semester 3	ACT	212	Principles of Accounting II	ACT 112	3
	ECO	222	Principles of Macroeconomics	None	3
	MKT	201	Principles of Marketing	LNG 171	3
	QBA	341	Quantitative Approaches to Decision Making	QBA 241	3
	ENT	241	Entrepreneurship 1	ENT 142	2
	Total				**14**
Semester 4	FIN	201	Managerial Finance	ACT 112	3
	MGT	210	Business Report Writing	LNG 172	3
	MGT	231	Legal Environment of Business	LNG 172, MGT 202	3
	ACT	310	Management Accounting	ACT 212	3
	GED	198E	Islamic Culture	None	3
	ENT	242	Entrepreneurship 2	ENT 241	1
	Total				**16**
Semester 5	MGT	311	Business Research Methodologies	QBA 341	3
	HRM	210	Human Resource Management	MGT 202	3
	FIN	310	Corporate Finance	FIN 201	3
	ACT	330	International Financial Reporting Standards	ACT 212	3
	INB	360	International Business	MGT 202	3
	XXX	XXX	Science and Technology Elective		3
	Total				**18**
Semester 6	FIN	350	Portfolio Management	FIN 201	3
	SWS	351	Management Information Systems	GED 101E	3
	MGT	320	Organizational Behavior	HRM 210	3
	MGT	361	Operations Management	MGT 202, QBA 341	3
	FIN	360	Investment Analysis	FIN 201	3
	Total				**15**
Semester 7	XXX	XXX	Core Elective (1)		3
	XXX	XXX	Core Elective (2)		3
	ACT	450	Auditing	ACT 310, ACT 330	3
	XXX	XXX	Major Elective (1)		3
	XXX	XXX	Humanities Elective		3
	Total				**15**
Semester 8	MGT	470	Strategic Management	HRM 210, ECO 221, ECO 222, FIN 201, MKT 201, MGT 361 & 90 Cr. Hrs.	3
	MGT	405	Business Ethics and Social Responsibility	Complete 90 Cr. Hrs.	3
	ACT	430	Accounting Information Systems	ACT 212	3
	XXX	XXX	Major Elective (2)		3
	Total				**12**
Internship to be taken summer semester after completion of 90 Cr. Hrs. + CGPA 2.0 or more					**3**
Total Credit Hours					**123**

Study Plan - BBA in e-Business

Sem.	Course Code		Course Title	Prerequisite	Cr. Hrs.
Semester 1	LNG	171-2	English I	None	3
	MTH	196	Mathematics for Business	None	3
	GED	101E	Applications of Computer Software	None	3
	MGT	202	Principles of Management	None	3
	ENT	141	Fundamentals of Innovation and Entrepreneurship 1	None	2
	Total				**14**
Semester 2	ACT	112	Principles of Accounting I	None	3
	ECO	221	Principles of Microeconomics	None	3
	LNG	172-2	English II	LNG 171-2	3
	QBA	241	Quantitative Business Analysis	MTH 196 or Equivalent	3
	GED	199E	UAE Society	None	3
	ENT	142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
	Total				**16**
Semester 3	ACT	212	Principles of Accounting II	ACT 112	3
	EBU	200	e-Business Fundamentals	None	3
	MKT	201	Principles of Marketing	LNG 171	3
	QBA	341	Quantitative Approaches to Decision Making	QBA 241	3
	ENT	241	Entrepreneurship 1	ENT 142	2
	Total				**14**
Semester 4	FIN	201	Managerial Finance	ACT 112	3
	MGT	210	Business Report Writing	LNG 172	3
	MGT	231	Legal Environment of Business	LNG 172, MGT 202	3
	ECO	222	Principles of Macroeconomics	None	3
	GED	198E	Islamic Culture	None	3
	ENT	242	Entrepreneurship 2	ENT 241	1
	Total				**16**
Semester 5	MGT	311	Business Research Methodologies	QBA 341	3
	HRM	210	Human Resource Management	MGT 202	3
	EBU	318	e-Business Web Technologies	EBU 200	3
	MKT	340	e-Marketing	MKT 201	3
	INB	360	International Business	MGT 202	3
	SWS	351	Management Information Systems	GED 101E	3
	Total				**18**
Semester 6	EBU	307	Systems Analysis and Business Process Integrations I	SWS 351	3
	XXX	XXX	Science and Technology Elective		3
	MGT	320	Organizational Behavior	HRM 210	3
	MGT	361	Operations Management	MGT 202, QBA 341	3
	EBU	350	e-Business Technology Solutions	EBU 318	3
	Total				**15**
Semester 7	XXX	XXX	Core Elective (1)		3
	XXX	XXX	Core Elective (2)		3
	EBU	406	e-Business Project Management	MGT 361, SWS 351	3
	XXX	XXX	Major Elective (1)		3
	XXX	XXX	Major Elective (2)		3
	Total				**15**
Semester 8	MGT	470	Strategic Management	HRM 210, ECO 221, ECO 222, FIN 201, MKT 201, MGT 361 +90 Cr. Hrs.	3
	MGT	405	Business Ethics and Social Responsibility	Complete 90 Credit Hours	3
	EBU	450	e-Business Consulting Project	Final Semester	3
	XXX	XXX	Humanities Elective		3
	Total				**12**
Internship to be taken summer semester after completion of 90 Cr. Hrs. + CGPA 2.0 or more					**3**
Total Credit Hours					**123**

Study Plan - BBA in Human Resource Management

Sem.	Course Code		Course Title	Prerequisite	Cr. Hrs.
Semester 1	LNG	171-2	English I	None	3
	MTH	196	Mathematics for Business	None	3
	GED	101E	Applications of Computer Software	None	3
	MGT	202	Principles of Management	None	3
	ENT	141	Fundamentals of Innovation and Entrepreneurship 1	None	2
	Total				**14**
Semester 2	ACT	112	Principles of Accounting I	None	3
	ECO	221	Principles of Microeconomics	None	3
	LNG	172-2	English II	LNG 171-2	3
	QBA	241	Quantitative Business Analysis	MTH 196 or Equivalent	3
	GED	199E	UAE Society	None	3
	ENT	142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
	Total				**16**
Semester 3	ACT	212	Principles of Accounting II	ACT 112	3
	ECO	222	Principles of Macroeconomics	None	3
	MKT	201	Principles of Marketing	LNG 171	3
	QBA	341	Quantitative Approaches to Decision Making	QBA 241	3
	ENT	241	Entrepreneurship 1	ENT 142	2
	Total				**14**
Semester 4	FIN	201	Managerial Finance	ACT 112	3
	MGT	210	Business Report Writing	LNG 172	3
	MGT	231	Legal Environment of Business	LNG 172, MGT 202	3
	HRM	210	Human Resource Management	MGT 202	3
	GED	198E	Islamic Culture	None	3
	ENT	242	Entrepreneurship 2	ENT 241	1
	Total				**16**
Semester 5	MGT	311	Business Research Methodologies	QBA 341	3
	HRM	320	UAE Labor Law and Relations	MGT 202	3
	HRM	265	Performance Management	HRM 210	3
	INB	360	International Business	MGT 202	3
	XXX	XXX	Science and Technology Elective		3
	Total				**15**
Semester 6	HRM	370	Compensation Management	HRM 210, QBA 241	3
	SWS	351	Management Information Systems	GED 101E	3
	MGT	320	Organizational Behavior	HRM 210	3
	MGT	361	Operations Management	MGT 202, QBA 341	3
	XXX	XXX	Major Elective		3
	Total				**15**
Semester 7	XXX	XXX	Core Elective (1)		3
	HRM	330	Staffing	HRM 210	3
	XXX	XXX	Humanities Elective		3
	HRM	410	Human Resource Development	HRM 370	3
	HRM	440	International Human Resource Management	HRM 210	3
	Total				**15**
Semester 8	MGT	470	Strategic Management	HRM 210, ECO 221, ECO 222, FIN 201, MKT 201, MGT 361 +90 Cr. Hrs.	3
	MGT	405	Business Ethics and Social Responsibility	Complete 90 Cr. Hrs.	3
	HRM	460	Introduction to Leadership	HRM 210, MGT 320	3
	HRM	470	Strategic Human Resource Management	HRM 265, HRM 370, HRM 410	3
	XXX	XXX	Core Elective (2)		3
	Total				**15**
Internship to be taken summer semester after completion of 90 Cr. Hrs. + CGPA 2.0 or more					**3**
Total Credit Hours					**123**

Study Plan - BBA in International Business

Sem.	Course Code		Course Title	Prerequisite	Cr. Hrs.
Semester 1	LNG	171-2	English I	None	3
	MTH	196	Mathematics for Business	None	3
	GED	101E	Applications of Computer Software	None	3
	MGT	202	Principles of Management	None	3
	ENT	141	Fundamentals of Innovation and Entrepreneurship 1	None	2
	Total				**14**
Semester 2	ACT	112	Principles of Accounting I	None	3
	ECO	221	Principles of Microeconomics	None	3
	LNG	172-2	English II	LNG 171-2	3
	QBA	241	Quantitative Business Analysis	MTH 196 or Equivalent	3
	GED	199E	UAE Society	None	3
	ENT	142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
	Total				**16**
Semester 3	ACT	212	Principles of Accounting II	ACT 112	3
	ECO	222	Principles of Macroeconomics	None	3
	MKT	201	Principles of Marketing	LNG 171	3
	QBA	341	Quantitative Approaches to Decision Making	QBA 241	3
	ENT	241	Entrepreneurship 1	ENT 142	2
	Total				**14**
Semester 4	FIN	201	Managerial Finance	ACT 112	3
	MGT	210	Business Report Writing	LNG 172	3
	MGT	231	Legal Environment of Business	LNG 172, MGT 202	3
	INB	300	International Economics	ECO 222	3
	GED	198E	Islamic Culture	None	3
	ENT	242	Entrepreneurship 2	ENT 241	1
	Total				**16**
Semester 5	MGT	311	Business Research Methodologies	QBA 341	3
	HRM	210	Human Resource Management	MGT 202	3
	FIN	330	International Finance	FIN 201	3
	INB	450	International Accounting	ACT 212	3
	INB	360	International Business	MGT 202	3
	XXX	XXX	Science and Technology Elective		3
	Total				**18**
Semester 6	XXX	XXX	Major Elective (1)		3
	SWS	351	Management Information Systems	GED 101E	3
	MGT	320	Organizational Behavior	HRM 210	3
	MGT	361	Operations Management	MGT 202 & QBA 341	3
	INB	420	Business Law	MGT 231	3
	Total				**15**
Semester 7	XXX	XXX	Core Elective (1)		3
	XXX	XXX	Core Elective (2)		3
	MKT	465	International Marketing	MGT 361	3
	INB	340	The International Dimension of Human Resources Management	HRM 210	3
	XXX	XXX	Major Elective (2)		3
	Total				**15**
Semester 8	MGT	470	Strategic Management	HRM 210, ECO 221, ECO 222, FIN 201, MKT 201, MGT 361 +90 Cr. Hrs.	3
	MGT	405	Business Ethics and Social Responsibility	Complete 90 Cr. Hrs.	3
	INB	490	Global Business Strategy	INB 300, INB 340, INB 420, INB 450, MKT 465, FIN 330	3
	XXX	XXX	Humanities Elective		3
	Total				**12**
Internship to be taken summer semester after completion of 90 Cr. Hrs. + CGPA 2.0 or more					**3**
Total Credit Hours					**123**

Study Plan - BBA in Marketing

Sem.	Course Code		Course Title	Prerequisite	Cr. Hrs.
Semester 1	LNG	171-2	English I	None	3
	MTH	196	Mathematics for Business	None	3
	GED	101E	Applications of Computer Software	None	3
	MGT	202	Principles of Management	None	**3**
	ENT	141	Fundamentals of Innovation and Entrepreneurship 1	None	2
	Total				**14**
Semester 2	ACT	112	Principles of Accounting I	None	3
	ECO	221	Principles of Microeconomics	None	3
	LNG	172-2	English II	LNG 171-2	3
	QBA	241	Quantitative Business Analysis	MTH 196 or Equivalent	**3**
	GED	199E	UAE Society	None	3
	ENT	142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
	Total				**16**
Semester 3	ACT	212	Principles of Accounting II	ACT 112	3
	ECO	222	Principles of Macroeconomics	None	3
	MKT	201	Principles of Marketing	LNG 171	3
	QBA	341	Quantitative Approaches to Decision Making	QBA 241	3
	ENT	241	Entrepreneurship 1	ENT 142	2
	Total				**14**
Semester 4	FIN	201	Managerial Finance	ACT 112	3
	MGT	210	Business Report Writing	LNG 172	3
	MGT	231	Legal Environment of Business	LNG 172, MGT 202	3
	MKT	208	Consumer Behavior	MKT 201	3
	GED	198E	Islamic Culture	None	3
	ENT	242	Entrepreneurship 2	ENT 241	1
	Total				**16**
Semester 5	MGT	311	Business Research Methodologies	QBA 341	3
	HRM	210	Human Resource Management	MGT 202	3
	MKT	340	e-Marketing	MKT 201	3
	MKT	310	Advertising and Promotion	MKT 201	3
	INB	360	International Business	MGT 202	3
	XXX	XXX	Science and Technology Elective		3
	Total				**18**
Semester 6	MKT	320	Retailing	MKT 201	3
	SWS	351	Management Information Systems	GED 101E	3
	MGT	320	Organizational Behavior	HRM 210	3
	MGT	361	Operations Management	MGT 202, QBA 341	3
	XXX	XXX	Major Elective (1)		3
	Total				**15**
Semester 7	XXX	XXX	Core Elective (1)		3
	XXX	XXX	Core Elective (2)		3
	MKT	465	International Marketing	MGT 361	3
	MKT	430	Marketing Research	MKT 208, QBA 341	3
	XXX	XXX	Major Elective (2)		3
	Total				**15**
Semester 8	MGT	470	Strategic Management	HRM 210, ECO 221, ECO 222, FIN 201, MKT 201, MGT 361 +90 Cr. Hrs.	3
	MGT	405	Business Ethics and Social Responsibility	Complete 90 Cr. Hrs.	3
	MKT	469	Marketing Management	MGT 320, MKT 430	3
	XXX	XXX	Humanities Elective		3
	Total				**12**
Internship to be taken summer semester after completion of 90 Cr. Hrs. + CGPA 2.0 or more					**3**
Total Credit Hours					**123**

22.7 Department of Graduate Programs

22.7.1 Master of Business Administration (MBA)

Canadian University Dubai is a recognized leader of Masters level business education in the UAE and across the Gulf region. Graduates from our MBA program are well prepared for the challenges they will face in the increasingly globalized and technologically driven business environment.

Our MBA program focuses on meeting the current and future needs of business and government leaders in the Gulf region. The dynamic and competitive business environment of the 21st century calls for new management and leadership skills – our MBA will prepare you today, for the challenges of tomorrow.

Key to the success of our programs is its focus on developing the professional networks of our students and expanding their understanding of fundamental management principles through case studies, innovative partnerships and interactive seminars. Graduates from our MBA program are well prepared for the challenges they will face in a very competitive professional environment.

The School of Management offers Master of Business Administration (MBA) program with the following Concentrations:

- General Management
- Human Resource Management
- Finance
- Marketing

a) Program Learning Outcomes (PLOs)

Upon successful completion of the program the student will be able to:

MBA - General Management

1. Demonstrate in depth knowledge of core business disciplines from people, finance, marketing and organizational perspectives essential for managing organizations in complex environment.
2. Develop an understanding of various theories, models and techniques and their applicability in changing business environment.
3. Integrate functional knowledge in analyzing and evaluating organization's management options and decisions making at the strategic and operational level.
4. Critically analyze and synthetize relevant data and information using statistical and mathematical models, and applying problem-solving techniques.
5. Acquire, integrate and apply new knowledge and conduct methodological research for complex and unpredictable management situations requiring innovative solutions
6. Demonstrate the ability to evaluate, plan and implement viable strategies for various organizations at the global and lower level.
7. Demonstrate effective communication skills in an advanced business environment using various media and IT tools, orally and in writing to general and specialized audiences.
8. Demonstrate autonomy in work and study context to solve problems and design innovative solutions.
9. Perform effectively as a team member and leader, utilizing organization's resources to achieve business and strategic goals.

10. Embrace the complexity of ethical, cultural and social implications in organization's business and management practices.
11. Develop personal effectiveness continuously and demonstrate a high level of curiosity and ability to independently acquire new knowledge for personal and professional development.

MBA - Human Resource Management

12. Demonstrate in depth knowledge of the standard processes and procedures for recruiting, developing and assessing employee performance.
13. Demonstrate the ability to evaluate HR systems and their impact on employee performance and organizational effectiveness.

MBA - Finance

14. Demonstrate in depth knowledge of financial management theories, investment theory, financial analysis, financing & investment strategies and risk management.
15. Demonstrate the ability to use various financial instruments and techniques to construct feasible solutions to complex investing and financing problems.
16. Critically evaluate financing and investment strategies for managing risk.

MBA - Marketing

17. Demonstrate in depth and up-to-date knowledge in marketing.
18. Develop strategies to manage highly complex and unfamiliar problems in marketing.

b) Program Learning Outcomes (PLOs) Alignment with QF-Emirates

PLOs	Knowledge	Skills	Aspects of Competence		
			Autonomy & Responsibility	Role in Context	Self-Development
PLO1	✓				
PLO2	✓				
PLO3	✓				
PLO4		✓			
PLO5		✓			
PLO6		✓			
PLO7		✓			
PLO8			✓		
PLO9				✓	
PLO10					✓
PLO11					✓
PLO12	✓				
PLO13		✓			
PLO14	✓				
PLO15		✓			
PLO16		✓			
PLO17	✓				
PLO18			✓		

c) Master of Business Administration (MBA) Program Requirements

Requirements	Compulsory Cr. Hrs.	Elective Cr. Hrs.	Total Cr. Hrs.
Program Core Requirements (Core Courses)	27	-	27
Concentration Requirements ***(MBA students are required to select one of the following concentrations)***			
i. General Management ii. Human Resource Management	03	06	09
Total	**30**	**06**	**36**
iii. Finance iv. Marketing	06	03	09
Total	**33**	**03**	**36**

Program Core Requirements [Core Courses - 27 Credits]

Course Code		Course Title	Prerequisite	Cr. Hrs.
MBA	641	Managerial Accounting	None	3
MBA	642	Managerial Finance	None	3
MBA	643	Business Research Methods	None	3
MBA	644	Managerial Economics	None	3
MBA	645	Marketing Management	None	3
MBA	646	Operations and Supply Chain Management	None	3
MBA	647	Management of Information Systems	None	3
MBA	648	Business Strategy (Capstone)	All other program Core Courses	3
MBA	651	Organizational Behavior	None	3

Concentration Requirements [09 Credits]

Canadian University Dubai's MBA program provides students with a strong analytical foundation in the fundamental aspects of management. In addition, students are free to specialize in one of the following concentrations.

i. General Management Concentration Requirements [09 Credits]

Graduates will acquire the skills needed to strategically manage professionals in all fields of the public and private sectors.

Course Code		Course Title	Prerequisite	Cr. Hrs.
Compulsory Course (03 Credits)				
MBA	653	Organization Development and Change	MBA 651	3
Elective Courses (06 Credits): Students are required to Select Two Courses from the following courses				
MBA	655	Leadership and Motivation	MBA 651	3
MBA	657	Business Ethics and Corporate Social Responsibility	None	3
MBA	661	Human Resource Management	MBA 651	3

ii. Human Resource Management Concentration Requirements [09 Credits]

Graduates will be able to pursue HR positions in the areas of staffing, human resource development, labor and employee relations, and/or compensation and benefits.

Course Code		Course Title	Prerequisite	Cr. Hrs.
Compulsory Course (03 Credits)				
MBA	661	Human Resource Management	MBA 651	3
Elective Courses (06 Credits): Students are required to Select Two Courses from the following courses				
MBA	655	Leadership and Motivation	MBA 651	3
MBA	657	Business Ethics and Corporate Social Responsibility	None	3
MBA	663	Human Resource Development	MBA 661	3
MBA	664	Strategic Staffing	MBA 661	3
MBA	668	International Human Resource Management	MBA 661	3

iii. Finance Concentration Requirements [09 Credits]

Graduates will be able to gain thorough knowledge and analytical skills related to the implementation of strategic financial management and planning.

Course Code		Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (06 Credits)				
MBA	681	Corporate Finance	MBA 642	3
MBA	683	Investment Analysis and Portfolio Management	MBA 642	3
Elective Courses (03 Credits): Students are required to Select One Course from the following courses				
MBA	682	Derivatives Securities	MBA 642	3
MBA	684	Mergers and Acquisitions	MBA 642 & MBA 641	3
MBA	685	Financial Statement Analysis	MBA 642	3
MBA	657	Business Ethics and Corporate Social Responsibility	None	3

iv. Marketing Concentration Requirements [09 Credits]

Graduates will be able to work in private (banking, insurance, media, advertising, events marketing, hospitality, and real estate) and public sectors, ranging from government departments to utility, transport and telecommunications.

Course Code		Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (06 Credits)				
MBA	691	Marketing Channels	MBA 645	3
MBA	692	International Marketing	MBA 645	3
Elective Courses (03 Credits): Students are required to Select One Course from the following courses				
MBA	693	Business Marketing	MBA 645	3
MBA	695	Marketing Research	MBA 645	3
MBA	657	Business Ethics and Corporate Social Responsibility	None	3

Study Plan - MBA in General Management

Semester	Course Code		Course Title	Prerequisite	Cr. Hrs.
Term 1	MBA	643	Business Research Methods	None	3
	MBA	645	Marketing Management	None	3
	MBA	647	Management of Information Systems	None	3
	MBA	646	Operations and Supply Chain Management	None	3
	Total				**12**
Term 2	MBA	644	Managerial Economics	None	3
	MBA	641	Managerial Accounting	None	3
	MBA	642	Managerial Finance	None	3
	MBA	651	Organizational Behaviour	None	3
	Total				**12**
Term 3	MBA	648	Business Strategy (Capstone)	All other program core courses	3
	MBA	653	Organizational Development and Change	MBA 651	3
	MBA	XXX	Major Elective (1)		3
	MBA	XXX	Major Elective (2)		3
	Total				**12**
Total					**36**

The "Term" is equal to semester pertaining to the length and number of courses and it is referring to whenever the seasonal calendar is not applicable.

Study Plan - MBA in Human Resource Management

Semester	Course Code		Course Title	Prerequisite	Cr. Hrs.
Term 1	MBA	643	Business Research Methods	None	3
	MBA	645	Marketing Management	None	3
	MBA	647	Management of Information Systems	None	3
	MBA	646	Operations and Supply Chain Management	None	3
	Total				**12**
Term 2	MBA	644	Managerial Economics	None	3
	MBA	641	Managerial Accounting	None	3
	MBA	642	Managerial Finance	None	3
	MBA	651	Organizational Behaviour	None	3
	Total				**12**
Term 3	MBA	648	Business Strategy (Capstone)	All other program core courses	3
	MBA	661	Human Resource Management	MBA 651	3
	MBA	XXX	Major Elective (1)		3
	MBA	XXX	Major Elective (2)		3
	Total				**12**
Total					**36**

The "Term" is equal to semester pertaining to the length and number of courses and it is referring to whenever the seasonal calendar is not applicable.

Study Plan - MBA in Finance

Semester	Course Code		Course Title	Prerequisite	Cr. Hrs.
Term 1	MBA	643	Business Research Methods	None	3
	MBA	645	Marketing Management	None	3
	MBA	647	Management of Information Systems	None	3
	MBA	651	Organizational Behaviour	None	3
	Total				**12**
Term 2	MBA	646	Operations and Supply Chain Management	None	3
	MBA	644	Managerial Economics	None	3
	MBA	641	Managerial Accounting	None	3
	MBA	642	Managerial Finance	None	3
	Total				**12**
Term 3	MBA	648	Business Strategy (Capstone)	All other program core courses	3
	MBA	681	Corporate Finance	MBA 642	3
	MBA	683	Investment Analysis and Portfolio Management	MBA 642	3
	MBA	XXX	Major Elective		3
	Total				**12**
Total					**36**

The "Term" is equal to semester pertaining to the length and number of courses and it is referring to whenever the seasonal calendar is not applicable.

Study Plan - MBA in Marketing

Semester	Course Code		Course Title	Prerequisite	Cr. Hrs.
Term 1	MBA	641	Managerial Accounting	None	3
	MBA	642	Managerial Finance	None	3
	MBA	643	Business Research Methods	None	3
	MBA	644	Managerial Economics	None	3
	Total				**12**
Term 2	MBA	645	Marketing Management	None	3
	MBA	646	Operations and Supply Chain Management	None	3
	MBA	647	Management of Information Systems	None	3
	MBA	651	Organizational Behavior	None	3
	Total				**12**
Term 3	MBA	648	Business Strategy (Capstone)	All other program core courses	3
	MBA	691	Marketing Channels	MBA 645	3
	MBA	692	International Marketing	MBA 645	3
	MBA	XXX	Major Elective		3
	Total				**12**
Total					**36**

The "Term" is equal to semester pertaining to the length and number of courses and it is referring to whenever the seasonal calendar is not applicable.

v. Double Concentration

Students pursuing an MBA degree may earn a Double Concentration by completing 16 MBA courses and the degree requirements for both concentrations.

To be admitted in a double concentration student should register in the two concentrations at the beginning of the first Term. Enrolled students who wish to obtain a double concentration, have a period of maximum 6 months to register in the second concentration. They can only register if their names were not endorsed in the graduation list by the Board of Trustees.

22.7.2 Master in Information Technology Management (MITM)

The Master in Information Technology Management (MITM) is designed to provide students with the tools they need to balance between the technical demands of an IT system, and the expectations and mandates of various stakeholders. Students will learn how to integrate information technology, management, and governance skills to effectively achieve organizational business strategic objectives. These combinations put graduates of this program in a position to succeed as Information Technology management experts.

The MITM has two sets of electives:

Data Analytics which will help you to develop the core skills and professional competencies to take on and advanced position leadership roles in data analytics and science sector. It focuses on the theories, functions and implications of data science techniques. It considers a range of best practices and scientific approaches to data science, managerial analytics and businesses intelligent techniques.

Digital Transformation which will help you to develop the core skills and professional competencies to take on and advanced position leadership roles in digital transformation and after transformation sectors. It focuses on the theories, functions and implications of digital transformation market needs, and considers a range of best practices and scientific approaches to cloud computing edge and fog computing and Cyber Security fundamentals.

Digital Transformation electives will also help sharpen your leadership acumen and give you the practical skills and appropriate mind-set and best practices techniques to develop in a constantly changing global landscape.

The curriculum goes beyond the basics of Information technology management to prepare you for senior management positions, enabling you to effectively lead Information Technology in an organization with integrity and responsibility.

a) Program Learning Outcomes (PLOs)

Upon successful completion of the program the student will be able to:

1. Demonstrate in depth knowledge of major theories, models and techniques to align business and IT strategies in dynamic global contexts.
2. Recognize the different types of indicators of strategic performance.
3. Apply analytical quantitative and qualitative methods to solve highly complex challenges in IT management environment.
4. Demonstrate effective communication skills through oral presentation, discussions, and reports writing.
5. Apply advanced skills in analyzing and assessing complex IT management initiatives while respecting professional standards

6. Demonstrate autonomy in evaluating IT management problems, managing professional practices to build and transform socio-cultural norms to deal with highly complex challenges within the IT governance environment.
7. Perform effectively both as a team member and as individual contributor, to achieve business and IT strategic goals in dynamic and global contexts.
8. Develop personal effectiveness, demonstrate a high level of curiosity and integrity to independently manage the complexity of ethical, cultural and social implications in organizations' business and IT management practices.

b) Program Learning Outcomes (PLOs) Alignment with QF-Emirates

PLOs	Knowledge	Skills	Aspects of Competence		
			Autonomy & Responsibility	Role in Context	Self-Development
PLO1	✓				
PLO2	✓				
PLO3		✓			
PLO4		✓			
PLO5		✓			
PLO6			✓		
PLO7				✓	
PLO8					✓

c) Master in Information Technology Management (MITM) Program Requirements

Requirements	Compulsory Cr. Hrs.	Elective Cr. Hrs.	Total Cr. Hrs.
Program Core Requirements (Core Courses)	27	09	36
Total	**27**	**09**	**36**

Program Core Requirements [Core Courses - 27 Credits]

Course Code		Course Title	Prerequisite	Cr. Hrs.
MBA	642	Managerial Finance	None	3
MBA	643	Business Research Methods	None	3
MBA	657	Business Ethics and Corporate Social Responsibility	None	3
MIT	602	IT Services and Operations	None	3
MIT	604	Blockchain Technology	None	3
MIT	606	IT Governance and Management	None	3
MIT	607	Strategic IT Planning	None	3
MIT	700	Dissertation	Complete 18 Cr. Hrs. & CGPA ≥ 3.00	6

NB: MBA 642, MBA 643, and MBA 657 are shared courses with MBA program

Electives Courses [09 Credits]

Students must complete either 3 courses in Data Analytics or 3 courses in Digital Transformation, depending on their interest and offerings which depend on the size of the cohort and Undergraduate background. The set of Elective courses will be offered only if the cohort includes a sufficient number of students holders of Bachelor degree in Computing or related.

Data Analytics Elective Courses [09 Credits]

Course Code		Course Title	Prerequisite	Cr. Hrs.
MIT	621	Data Sciences	None	3
MIT	622	Data Analytics for Managers	MIT 621	3
MIT	623	Business Intelligence	None	3

Digital Transformation Elective Courses [09 Credits]

Course Code		Course Title	Prerequisite	Cr. Hrs.
MIT	631	Cloud Computing	None	3
MIT	632	Edge and Fog Computing	MIT 631	3
MIT	633	Cybersecurity	None	3

Important: *This set of elective courses requires a strong knowledge in coding.*

Study Plan - Master in Information Technology Management

Sem.	Course Code		Course Title	Prerequisite	Cr. Hrs.
Semester 1	MBA	643	Business Research Methods	None	3
	MIT	602	IT Services and Operations	None	3
	MBA	657	Business Ethics and Corporate Social Responsibility	None	3
	MIT	XXX	Elective Course (1)		3
	Total				**12**
Semester 2*	MBA	642	Managerial Finance	None	3
	MIT	604	Blockchain Technology	None	3
	MIT	606	IT Governance and Management	None	3
	MIT	XXX	Elective Course (2)		3
	Total				**12**
Semester 3	MIT	607	Strategic IT Planning	None	3
	MIT	XXX	Elective Course (3)	None	3
	MIT	700	Dissertation*	Complete 18 Cr. Hrs. & CGPA ≥ 3.00	6
	Total				**12**
Total					**36**

* *Research topics and research proposal of the dissertation must be approved before the end of Semester 2.*

Faculty of Communication, Arts and Sciences (FCAS)

A Word from the Dean

I would like to extend to you a very warm welcome to the Faculty of Communication, Arts and Sciences. Our Faculty members aim to bring you cutting-edge learning based on state-of-the-art research and steeped in the creative spirit. We provide a range of opportunities to develop your knowledge and career in this diverse and increasingly dynamic and multi-disciplinary environment. Our curriculum brings together the opportunity to study a range of creative topics that are innovative and designed to provide you with an authentic learning experience directly linked to current and future innovations, research and practice. All programs and courses are delivered by imaginative faculty and talented academics from North America and around the globe – all inspired by the urge to create and to share.

Today's market place is driven by the success of products and services that are the result of collaboration between a range of diverse disciplines drawing on the creators of arts, champions of science and leaders of business. The Faculty of Communication, Arts and Sciences is unique in bringing together students, academics and practitioners from these diverse areas of study collectively pursuing excellence in their endeavours. The outcomes-based teaching and learning (OBTL) methods coupled with a new 'invention enriched' approach to curriculum development and delivery (the Invention Focused Curriculum or IFC) means that every student in our faculty is encouraged to invent, develop and apply new knowledge discovered through learning & application during their time at CUD.

The Faculty of Communication, Arts and Sciences has partnered with a range of global education and corporate institutions to provide exciting opportunities for our students. The Faculty offers a range of multi-disciplinary programs and course choices, designed to enable and encourage our students to excel, complemented by an innovative curriculum delivered through ultra-modern learning technology.

Faculty of Communication, Arts and Sciences (FCAS)
Canadian University Dubai

22.8 Department of Communication

22.8.1 Bachelor of Arts in Communication

The Department of Communication offers Bachelor of Arts in Communication program with the following Concentrations:

- Advertising and Integrated Marketing Communications
- Digital Media and Journalism
- Public Relations

BA in Communication - Advertising and Integrated Marketing Communications (AIMC)

Description:

Advertising is an exciting and fast-paced industry that requires a flair for creative communication. The Bachelor of Arts in Communication - Advertising and Integrated Marketing Communications (AIMC) program is designed to prepare you to enter the dynamic world of traditional and online advertising. You will acquire a solid foundation in the practical use of qualitative and quantitative research methodologies and skills, such as copy writing, planning and design, and will develop the skills and professional competencies to enter the field of modern advertising.

Benefits:

As a graduate of CUD's Bachelor of Arts in Communication - Advertising and Integrated Marketing Communications (AIMC), you will have the skills and knowledge to publish, edit, produce and research advertising content within the local and international marketplace. This will prepare you to enter the industry in positions that employ both traditional and electronic media, in all aspects of the advertising process, from the pitch to the execution of a campaign.

Career Opportunities:

With a degree in Advertisement, you will have the opportunity to take up a career in a broad spectrum of industries, in roles such as:

- Ad Creation and Sales
- Management or Production with agencies or corporate departments
- Brand Management
- Creative Design
- Media Buying
- Advertising Consultancy

BA in Communication - Digital Media and Journalism (DMJ)

Description:

Our perception of the world around us is now, more than ever, being shaped not only by traditional news media, but also by social media, which is playing an increasing role in the way we are informed. The Bachelor of Arts in Communication - Digital Media and Journalism (DMJ) program is designed to develop your understanding of the changing roles and players in the field of news media today and build the skills necessary to have a significant voice in a technology driven society.

Benefits:

As a graduate of CUD's Bachelor of Arts in Communication - Digital Media and Journalism (DMJ), you will have the skills and knowledge to publish, edit, produce and research journalism content within local and international markets. The industry-focused curriculum will prepare you for

positions in news reporting and editing, print media layout and design, online news collection and dissemination, as well as social media.

Career Opportunities:

With a degree in Journalism, you will have the opportunity to work in the dynamic world of modern media, including:

- Newspapers
- Magazines and other forms of Publishing
- Broadcast Journalism
- Electronic Media
- Online Journalism

Bachelor of Arts in Communication - Public Relations (PR)

Description:

As the nature and channels of communication rapidly evolve, professionals in the industry need to be prepared to adapt to different communication forms, styles and outlets in order to deliver their message. The Public Relations program will provide you with a solid base in the practical use of qualitative and quantitative methodologies and skills such as news writing, copy writing, public relations planning and advert design, whilst also preparing you for professional practice in a modern communications environment.

Benefits:

As a graduate of CUD's Bachelor of Arts in Communication - Public Relations (PR), you will have the skills and knowledge to publish, edit, produce and research PR content within local and international markets. The degree will provide you with the comprehensive foundations to practice within any communication capacity, in areas as varied as diplomacy, business, government, non-profit agencies, professional associations, healthcare companies and international organizations.

Career Opportunities:

With a degree in Public Relations, you will have the opportunity to work in disciplines such as:

- PR writing
- Planning and publishing for agencies and organizations
- Editing
- Production
- Research and Planning

a) Program Learning Outcomes (PLOs)

BA in Communication - Advertising and Integrated Marketing Communications

Upon successful completion of the program the student will be able to:

1. Demonstrate an understanding of the concepts and principles of communication theories, and their applications in research, and new media production.
2. Comprehend the methods used to ethically produce engaging content for digital media.
3. Recognize the impact of major theories of Advertising and Integrated Marketing Communications, information and communication technologies, and emerging media on the society and the economy.
4. Communicate clearly and effectively orally and in writing through digital media tools and across multiple platforms in diverse professional environments.

5. Critically analyze and evaluate communication problems in real-life environments and situations, and develop market oriented solutions.
6. Design and produce professional media contents and Advertising and Integrated Marketing Communications materials.
7. Work in an effective and creative way individually and in teams and demonstrate conscious innovative leadership skills.
8. Execute Advertising and Integrated Marketing Communications tasks in accordance with professional and ethical standards.
9. Critically analyze the evolving advertising and Integrated Marketing Communications landscape to produce efficient material tailored to different audiences and objectives.
10. Assimilate current and evolving theories and skills in the field of Advertising and Integrated Marketing Communications.

BA in Communication - Digital Media and Journalism

Upon successful completion of the program the student will be able to:

1. Demonstrate an understanding of the concepts and principles of communication theories, and their applications in research, and new media production.
2. Comprehend the methods used to ethically produce engaging content for digital media.
3. Recognize the impact of major theories of journalism, information and communication technologies, and emerging media on the society and the economy.
4. Communicate clearly and effectively orally and in writing through digital media tools and across multiple platforms in diverse professional environments
5. Critically analyze and evaluate communication problems in real-life environments and situations, and develop market oriented solutions.
6. Design and produce professional media contents and Journalistic materials.
7. Work in an effective and creative way individually and in teams and demonstrate conscious innovative leadership skills.
8. Execute journalistic tasks in accordance with professional and ethical standards.
9. Critically analyze the evolving Digital Media and Journalism landscape to produce efficient material tailored to different audiences and objectives.
10. Assimilate current and evolving theories and skills in the field of Digital Media and Journalism.

BA in Communication - Public Relations

1. Demonstrate an understanding of the concepts and principles of communication theories, and their applications in research, and new media production.
2. Comprehend the methods used to ethically produce engaging content for digital media.
3. Recognize the impact of major theories of Applied Public Relations on the society and the economy.
4. Communicate clearly and effectively orally and in writing through digital media tools and across multiple platforms in diverse professional environments
5. Critically analyze and evaluate communication problems and cases in real-life environments and situations, and develop market oriented solutions.
6. Design and produce various PR contents and materials using the latest software, theoretical approaches, and applications across multiple digital media platforms.
7. Work in an effective and creative way individually and in teams and demonstrate conscious innovative leadership skills.
8. Execute Public Relations tasks in accordance with professional and ethical standards.

9. Critically analyze the evolving strategic PR approaches to develop efficient campaigns tailored to different audiences and objectives.
10. Assimilate current and evolving theories and skills in the field of Public Relations

b) Program Learning Outcomes (PLOs) Alignment with QF-Emirates

PLOs	Knowledge	Skills	Aspects of Competence		
			Autonomy & Responsibility	Role in Context	Self-Development
PLO1	✓				
PLO2	✓				
PLO3	✓				
PLO4		✓			
PLO5		✓			
PLO6		✓			
PLO7			✓	✓	
PLO8			✓	✓	
PLO9			✓	✓	
PLO10					✓

c) Bachelor of Arts in Communication Program Requirements

Requirements	Compulsory Cr. Hrs.	Elective Cr. Hrs.	Total Cr. Hrs.
University Requirements (GE Courses)	24	6	30
Program Core Requirements (Core Courses)	52	6	58
Concentration Requirements	24	12	36
Total	**100**	**24**	**124**

University Requirements [General Education Courses - 30 Credits]

Course Code		Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (24 Credits)				
LNG	171-3	English I	None	3
LNG	172-3	English II	LNG 171-3	3
GED	101E	Application of Computer Software	None	3
GED	196E	Communication Skills in Arabic 1	None	3
GED	198E	Islamic Culture	None	3
GED	199E	UAE Society	None	3
ENT	141	Fundamentals of Innovation and Entrepreneurship 1	None	2
ENT	142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
MTH	101	Statistics	None	3
Elective (Humanities - 03 Credits): Students are required to select One Course from the following Pool				
GED	110E	Modern Art Appreciation	None	3
GED	111E	Music Appreciation and Communication	None	3
GED	205E	Psychology in Everyday Life	LNG 172 or LNG 182	3
GED	252E	Critical Thinking	LNG 172 or LNG 182	3
GED	324E	Ethical Reasoning for Today's World	LNG 172 or LNG 182	3
GED	330	Introduction to Canadian Studies	None	3
Elective (Science & Technology - 03 Credits): Students are required to select One Course from the following Pool				
BIO	102	Biology I	None	3
SHS	103	Chemistry	None	3
GED	125E	Ecosystems and Human Health	None	3

Course Code		Course Title	Prerequisite	Cr. Hrs.
GED	132E	Science and Technology in Society	None	3
ENV	201	Principles of Environmental Science	None	3

Program Core Requirements [Core Courses - 58 Credits]

Course Code		Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (52 Credits)				
GED	272	Fundamentals of Public Speaking	LNG 172	3
ENT	241	Entrepreneurship 1	ENT 142	2
ENT	242	Entrepreneurship 2	ENT 241	1
MCM	101	Introduction to Mass Communication & Media Studies	None	3
MCM	121	Communication Theories & Media Effects	MCM 101	3
MCM	115	Media in the UAE	MCM 101, GED 199	3
MCM	130	Media Ethics and Laws	MCM 101	3
MCM	140	Communication Research Methods	MTH 101	3
MCM	201	Writing for Mass Media	MCM 101, LNG 172	3
MCM	210	Media Sociology	MCM 121	3
MCM	215	Audiovisual Production	None	3
MCM	240	Media Management	MCM 101	3
MCM	250	Digital Imaging	None	3
MCM	311	Media and Politics	None	3
MCM	335	Digital and Online Marketing	MCM 101	3
MCM	400	Comparative Global Media Systems and Policy	MCM 240	3
MCM	411	Multi-Platform Storytelling	MCM 201, MCM 215	3
MCM	420	Modern World History	MCM 101	3
MCM	431	Media Internship I	81 Cr. Hrs. & CGPA ≥ 2.0	1
Elective Courses (06 Credits): Students are required to select Two Courses from the following courses				
MCM	300	Sustainability Branding	MCM 101, MCM 201	3
MCM	305	Intercultural and Business Communications	MCM 201	3
MCM	330	Literary and Artistic Criticism	MCM 201	3
MCM	440	Cinema Studies	MCM 101, MCM 215	3

Concentration Requirements [36 Credits]

There are three concentrations for Bachelor of Arts in Communication and students are required to select one of the concentrations. For the selected concentration, students are required to complete successfully 12 courses (36 Credit Hours) of which eight courses (24 Cr. Hrs.) are compulsory and four courses (12 Cr. Hrs.) are Electives.

i. Advertising and Integrated Marketing Communications Concentration Courses

Course Code		Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (24 Credits)				
AIMC	200	Principles of Advertising and Integrated Marketing Communications	None	3
AIMC	210	Audience Perceptions and Insights	MCM 121, AIMC 200/PRA 221/DMJ 200	3
AIMC	220	Research, Measurement and Metrics	MCM 140, AIMC 200	3
AIMC	305	Rhetoric and Strategic Writing	MCM 201, AIMC 200	3
AIMC	315	Creative Advertising Strategies	MCM 250, AIMC 200	3
AIMC	418	Communication and Media Planning Strategies	DMJ 220 or AIMC 220 or PRA 220	3
AIMC	425	AIMC Capstone Project	AIMC 418	3
AIMC	430	E-Portfolio and Internship II for AIMC	MCM 431	3

Course Code		Course Title	Prerequisite	Cr. Hrs.
Elective Courses (12 Credits): Students are required to select Four Courses from the following courses				
DMJ	305	Graphics for Digital Media & Journalism	MCM 250	3
DMJ	317	Digital Photography	MCM 250	3
DMP	210	Digital Media Production	MCM 250	3
MKT	230	Professional Selling	AIMC 210 or MKT 201	3
PRA	411	Brand Value and Reputation Management	PRA 221 or AIMC 200	3

ii. Digital Media and Journalism Concentration Courses

Course Code		Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (24 Credits)				
DMJ	200	Principles of Digital Media and Journalism	None	3
DMJ	210	News Writing & Editing	LNG 172, MCM 201	3
DMJ	220	Research and Data Analytics for DMJ	MCM 140	3
DMJ	305	Graphics for Digital Media & Journalism	MCM 250	3
DMJ	315	Virtual Reality for Journalism	DMJ 305	3
DMJ	400	Newscasting	MCM 215, DMJ 210	3
DMJ	425	DMJ Capstone Project	DMJ 220, DMJ 305	3
DMJ	430	E-Portfolio and Internship II for DMJ	MCM 431	3
Elective Courses (12 Credits): Students are required to select Four Courses from the following courses				
DMJ	317	Digital Photography	MCM 250	3
DMJ	420	Innovative Multimedia Reporting	DMJ 315 or DMP 210	3
DMP	305	Critical Coding for Communication	None	3
DMP	315	Theory and Practice of Animation	MCM 250	3
PRA	301	Crisis Communication	MCM 101	3

iii. Public Relations (PR) Concentration Courses

Course Code		Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (24 Credits)				
PRA	200	Writing for Public Relations	MCM 201	3
PRA	220	Research Methods for PR	MCM 140	3
PRA	221	Principles of Public Relations	None	3
PRA	230	Online Public Relations	PRA 220	3
PRA	411	Brand Value and Reputation Management	PRA 221 or AIMC 200	3
PRA	412	Management in PR Agencies	MCM 240	3
PRA	421	PR Capstone Project	PRA 221, PRA 412	3
PRA	430	E-Portfolio and Internship II for PR	MCM 431	3
Elective Courses (12 Credits): Students are required to select Four Courses from the following courses				
AIMC	210	Audience Perceptions and Insights	MCM 121, AIMC 200/PRA 221/DMJ 200	3
AIMC	418	Communication and Media Planning Strategies	DMJ 220 or AIMC 220 or PRA 220	3
DMP	210	Digital Media Production	MCM 250	3
PRA	301	Crisis Communication	MCM 101	3
PRA	425	International Public Relations	PRA 200	3

Study Plan - BA in Communication - Advertising and Integrated Marketing Communications

Sem.	Course Code		Course Title	Prerequisite	Cr. Hrs.
Semester 1	GED	101	Application of Computer Software	None	3
	LNG	171-3	English I	None	3
	GED	196	Communication Skills in Arabic 1	None	3
	MCM	101	Introduction to Mass Communication & Media Studies	None	3
	ENT	141	Fundamentals of Innovation and Entrepreneurship 1	None	2
	Total				**14**
Semester 2	LNG	172-3	English II	LNG 171-3	3
	MCM	250	Digital Imaging	None	3
	MCM	121	Communication Theories & Media Effects	MCM 101	3
	MCM	115	Media in the UAE	MCM 101, GED 199	3
	MTH	101	Statistics	None	3
	ENT	142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
	Total				**16**
Semester 3	MCM	201	Writing for Mass Media	MCM 101, LNG 172	3
	MCM	130	Media Ethics and Laws	MCM 101	3
	MCM	210	Media Sociology	MCM 121	3
	MCM	420	Modern World History	MCM 101	3
	MCM	140	Communication Research Methods	MTH 101	3
	ENT	241	Entrepreneurship 1	ENT 142	2
	Total				**17**
Semester 4	MCM	240	Media Management	MCM 101	3
	MCM	215	Audiovisual Production	None	3
	MCM	XXX	Core Elective (1)		3
	AIMC	200	Principles of Advertising and Integrated Marketing Communications	None	3
	GED	272	Fundamentals of Public Speaking	LNG 172	3
	ENT	242	Entrepreneurship 2	ENT 241	1
	Total				**16**
Semester 5	GED	XXX	Humanities Elective		3
	MCM	XXX	Core Elective		3
	AIMC	220	Research, Measurement and Metrics	MCM 140, AIMC 200	3
	AIMC	210	Audience Perceptions and Insights	MCM 121, AIMC 200 or PRA 200 or DMP 200	3
	GED	199	UAE Society		3
	Total				**15**
Semester 6	MCM	311	Media and Politics	None	3
	XXX	XXX	Science and Technology Elective		3
	AIMC	305	Rhetoric and Strategic Writing	MCM 201, AIMC 200	3
	AIMC	XXX	Concentration Elective (1)		3
	GED	198	Islamic Culture	None	3
	Total				**15**
	MCM	**431**	**MEDIA INTERNSHIP 1 (SUMMER SEMESTER)**	**81 Cr. Hrs. and CGPA ≥ 2.0**	**1**
Semester 7	AIMC	XXX	Concentration Elective (2)		3
	MCM	411	Multi-Platform Storytelling	MCM 201, MCM 215	3
	AIMC	315	Creative Advertising Strategies	AIMC 200, MCM 250	3
	AIMC	418	Communication and Media Planning Strategies	DMJ 220 or AIMC 220 or PRA 220	3
	MCM	XXX	Core Elective (2)		3
	Total				**15**
Semester 8	MCM	400	Comparative Global Media Systems & Policy	MCM 240	3
	AIMC	XXX	Concentration Elective (3)		3
	AIMC	XXX	Concentration Elective (4)		3
	AIMC	425	AIMC Capstone Project	AIMC 418	3
	AIMC	430	E-Portfolio and Internship II for AIMC	MCM 431	**3**
	Total				**15**
Total Credit Hours					**124**

Study Plan - BA in Communication - Digital Media and Journalism (DMJ)

Sem.	Course Code		Course Title	Prerequisite	Cr. Hr.
Semester 1	GED	101	Application of Computer Software	None	3
	LNG	171-3	English I	None	3
	GED	196	Communication Skills in Arabic 1	None	3
	MCM	101	Introduction to Mass Communication & Media Studies	None	3
	ENT	141	Fundamentals of Innovation and Entrepreneurship 1	None	2
	Total				**14**
Semester 2	LNG	172-3	English II	LNG 171-3	3
	MCM	250	Digital Imaging	None	3
	MCM	121	Communication Theories & Media Effects	MCM 101	3
	MCM	115	Media in the UAE	MCM 101, GED 199	3
	MTH	101	Statistics	None	3
	ENT	142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
	Total				**16**
Semester 3	MCM	201	Writing for Mass Media	MCM 101, LNG 172	3
	MCM	130	Media Ethics and Laws	MCM 101	3
	MCM	210	Media Sociology	MCM 121	3
	MCM	420	Modern World History	MCM 101	3
	MCM	140	Communication Research Methods	MTH 101	3
	ENT	241	Entrepreneurship 1	ENT 142	2
	Total				**17**
Semester 4	MCM	240	Media Management	MCM 101	3
	MCM	215	Audiovisual Production	None	3
	MCM	XXX	Core Elective (1)		3
	DMJ	200	Principles of Digital Media and Journalism	None	3
	GED	272	Fundamentals of Public Speaking	LNG 172	3
	ENT	242	Entrepreneurship 2	ENT 241	1
	Total				**16**
Semester 5	GED	XXX	Humanities Elective		3
	MCM	300	Sustainability Branding	MCM 101, MCM 201	3
	DMJ	220	Research and Data Analytics for DMJ	MCM 140	3
	DMJ	210	News Writing & Editing	MCM 201, LNG 172	3
	GED	199	UAE Society	None	3
	Total				**15**
Semester 6	MCM	311	Media and Politics	None	3
	XXX	XXX	Science and Technology Elective		3
	DMJ	305	Graphics for Digital Media & Journalism	MCM 250	3
	DMJ	XXX	Concentration Elective (1)		3
	GED	198	Islamic Culture	None	3
	Total				**15**
	MCM	**431**	**MEDIA INTERNSHIP 1 (SUMMER SEMESTER)**	**81 Cr. Hrs. and CGPA ≥ 2.0**	**1**
Semester 7	DMJ	XXX	Concentration Elective (2)		3
	MCM	411	Multi-Platform Storytelling	MCM 201, MCM 215	3
	DMJ	315	Virtual Reality for Journalism	DMJ 305	3
	DMJ	400	Newscasting	MCM 215, DMJ 210	3
	MCM	XXX	Core Elective (2)		3
	Total				**15**
Semester 8	MCM	400	Comparative Global Media Systems and Policy	MCM 240	3
	DMJ	XXX	Concentration Elective (3)		3
	DMJ	XXX	Concentration Elective (4)		3
	DMJ	425	DMJ Capstone Project	DMJ 220, DMJ 305	3
	DMJ	430	E-Portfolio and Internship II for DMJ	MCM 431	3
	Total				**15**
Total Credit Hours					**124**

Study Plan - BA in Communication - Public Relations (PR)

Sem.	Course Code		Course Title	Prerequisite	Cr. Hr.
Semester 1	GED	101	Application of Computer Software	None	3
	LNG	171-3	English I	None	3
	GED	196	Communication Skills in Arabic 1	None	3
	MCM	101	Introduction to Mass Communication & Media Studies	None	3
	ENT	141	Fundamentals of Innovation and Entrepreneurship 1	None	2
	Total				**14**
Semester 2	LNG	172-3	English II	LNG 171-3	3
	MCM	250	Digital Imaging	None	3
	MCM	121	Communication Theories & Media Effects	MCM 101	3
	MCM	115	Media in the UAE	MCM 101, GED 199	3
	MTH	101	Statistics	None	3
	ENT	142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
	Total				**16**
Semester 3	MCM	201	Writing for Mass Media	MCM 101, LNG 172	3
	MCM	130	Media Ethics and Laws	MCM 101	3
	MCM	210	Media Sociology	MCM 121	3
	MCM	420	Modern World History	MCM 101	3
	MCM	140	Communication Research Methods	MTH 101	3
	ENT	241	Entrepreneurship 1	ENT 142	2
	Total				**17**
Semester 4	MCM	240	Media Management	MCM 101	3
	MCM	215	Audiovisual Production	None	3
	MCM	XXX	Core Elective (1)		3
	PRA	221	Principles of Public Relations	None	3
	GED	272	Fundamentals of Public Speaking	LNG 172-3	3
	ENT	242	Entrepreneurship 2	ENT 241	1
	Total				**16**
Semester 5	GED	XXX	Humanities Elective		3
	MCM	300	Sustainability Branding	MCM 101, MCM 201	3
	PRA	220	Research Methods for PR	MCM 140	3
	PRA	200	Writing for Public Relations	MCM 201	3
	GED	199	UAE Society	None	3
	Total				**15**
Semester 6	MCM	311	Media and Politics	None	3
	XXX	XXX	Science and Technology Elective		3
	PRA	230	Online Public Relations	PRA 220	3
	PRA	XXX	Concentration Elective (1)		3
	GED	198	Islamic Culture	None	3
	Total				**15**
	MCM	**431**	**Media Internship I (SUMMER SEMESTER)**	**81 Cr. Hrs. and CGPA ≥ 2.0**	1
Semester 7	PRA	XXX	Concentration Elective (2)		3
	MCM	411	Multi-Platform Storytelling	MCM 201, MCM 215	3
	PRA	411	Brand Value and Reputation Management	PRA 221 or AIMC 200	3
	PRA	412	Management in PR Agencies	MCM 240	3
	MCM	XXX	Core Elective (2)		3
	Total				**15**
Semester 8	MCM	400	Comparative Global Media Systems and Policy	MCM 240	3
	PRA	XXX	Concentration Elective (3)		3
	PRA	XXX	Concentration Elective (4)		3
	PRA	421	PR Capstone Project	PRA 221, PRA 412	3
	PRA	430	E-Portfolio and Internship II	MCM 431	3
	Total				**15**
Total Credit Hours					**124**

22.9 Department of Creative Industries

22.9.1 Bachelor of Arts in Creative Industries

Description:

Canadian University Dubai's Bachelor of Arts in Creative Industries (BACI) has been carefully adapted based on the prestigious Creative Industries program of Ryerson University's School of Communication and Design (FCAD) in Toronto, Canada. FCAD has been leading the creative industries in Canada for over 70 years. Canadian University Dubai's new BACI program will give students the skills needed to be successful in the creative workplace.

Based on Ryerson's unique program, the only of its kind in North America, the BACI presents a uniquely interdisciplinary post-secondary education, blending a variety of fields that have never been brought together into one degree before – including media, communications, art, culture and commerce.

Studies will have a dual focus that will enable students to explore and understand the Creative Industries as both creative process and commercial activity. Core courses will develop competencies in communication, digital technology, critical thinking, research design, collaboration and teamwork while informing about the economic, legal, political and technological environment in which the creative enterprises function.

Students will have to choose 2 concentrations from the following:

- Interior Design
- Fashion Industry
- Communication Studies
- Media Business

Duration: 4 Years (8 Semesters)
Credit Hours: 126 Credit Hours
Credential: Bachelor Degree Program
Start: Fall, Spring and Summer

Benefits:

The Creative Industries are big business. Spanning a wealth of fields including design, fashion, TV and radio, advertising and the media, the creative industries are quickly transforming cities, economies and the world.

The UAE has long focused on expanding its creative, cultural and arts industries, from investing in specifically dedicated media, studio and festival cities, to building branches of the Louvre and attracting top talents in fashion, music and performance for exhibition and concerts. The arts and culture scene in the UAE is growing at an exponential rate, with no indication of slowing.

An explosion of new technologies and new ways of doing business have changed the way that creative content and cultural experiences – like music, fashion, film and media – are produced, bought and sold.

The MENA design sector grew at more than double the pace of the global industry over the past four years, surpassing more than 100 billon US$ according to information gathered by the Dubai Design & Fashion council, while it is expected to grow at an average of 6.5% per year until 2019.

Students enrolled in BA program in Creative Industries have the possibility to apply for completing 2nd year and 3rd year courses at FCAD-RU –Canada whose program BACI is very selective. For each cohort, the joint selection committee can select up to 30 students of each cohort based on their performance at CUD. These 2 years represent 50% of the study load of program which is the

maximum number of credits allowed to be taken outside CUD to be awarded a CUD degree. However, the majority of final year courses must be completed at CUD.

Career Opportunities:

- Television executives who will develop the next hit show, boosting ratings for the network
- Music industry executives who will shape the future of popular culture
- Fashion marketers, who will create the stories around new labels and lines
- Media buyers, who will find the best way to share their client's marketing message
- Advertising and communications specialists, who will create growth within brands and products
- Policy makers, who will foster processes and inform decisions that strengthen arts and culture
- Design Specialists, who work at design agencies or in the art department of film and TV sets
- Entrepreneurs, who will turn their spark of an idea into a viable business
- And find career opportunities in non-creative enterprises who need creative people and creative problem-solving to help their businesses grow

a) Program Learning Outcomes (PLOs)

Upon successful completion of the program the student will be able to:

1. Comprehend the cultural, economic, social and political forces behind the commercialization of creativity at an industry-level.
2. Define the business and management concepts and practices applicable to Creative Industries.
3. Explain the broader system of production, distribution, marketing, consumption, and regulation of the key creative industries.
4. Contribute productively to the operation of the Creative Industries by applying a synchronized knowledge of the economic, legal, political, and technological environments in which they function.
5. Demonstrate an entrepreneurial capacity to engage in independent learning and to transform creative ideas into commercial products and services through the application of business and management concepts and practices applicable to media and cultural production.
6. Implement and manage projects requiring problem solving, team building, negotiating and collaborative work practices.
7. Facilitate the work of artists, writers, designers and media makers by applying an integrated knowledge of creative and production processes and that of funding and investment structures, and by recognizing and responding to future challenges and opportunities in their sector.
8. Conduct research relevant to cultural and industry issues, formulating appropriate research questions and conceptual frameworks; employing data collection techniques and appropriate quantitative and qualitative tools and methodologies.
9. Communicate effectively in oral and written formats, using a range of media that are widely used in creative enterprises.
10. Use a range of Information Communication Technology skills and the ways in which emerging technologies are reshaping creative and business processes so as to assist creative enterprises to respond to technological change.

11. Enhance capabilities to develop professional careers in creative industries by applying a critical knowledge of the aesthetic, new theoretical and historical development of one or more creative sub sectors to practical realities of production, promotion, distribution and consumption.

b) Program Learning Outcomes (PLOs) Alignment with QF-Emirates

PLOs	Knowledge	Skills	Aspects of Competence		
			Autonomy & Responsibility	Role in Context	Self-Development
PLO1	✓				
PLO2	✓				
PLO3	✓				
PLO4		✓			
PLO5		✓			
PLO6		✓			
PLO7			✓		
PLO8			✓		
PLO9				✓	
PLO10				✓	
PLO11					✓

c) Bachelor of Arts in Creative Industries (BACI) Program Requirements

Requirements	Compulsory Cr. Hrs.		Elective Cr. Hrs.		Total Cr. Hrs.	
University Requirements (GE Courses)	15		3		18	
Program Core Requirements (Core Courses)	63		9		72	
Modules Requirements (Students are Required to Select Two of the Following Modules)						
Module A: Interior Design	15	**30**	3	**6**	18	**36**
Module B: Media Business	15		3		18	
Module C: Communication Studies	15		3		18	
Total	**108**		**18**		**126**	

University Requirements [General Education Courses - 18 Credits]

Course Code		Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (15 Credits)				
LNG	171-3	English I	None	3
GED	110	Modern Art Appreciation	None	3
GED	132	Science and Technology in Society	None	3
GED	198	Islamic Culture	None	3
MTH	195	Applied Statistics	None	3
Elective Courses (03 Credits): Students are required to select One Course from the following Pool				
GED	111	Music Appreciation and Communication	None	3
GED	196	Communication Skills in Arabic 1	None	3
GED	205	Psychology in Everyday Life	LNG 171	3
GED	199	UAE Society	None	3
ENT ENT	141 142	Fundamentals of Innovation and Entrepreneurship 1 Fundamentals of Innovation and Entrepreneurship 2	None ENT 141	2 1

Program Core Requirements [Core Courses - 72 Credits]

Course Code		Course Title	Pre-requisite	Cr. Hrs.
Compulsory Courses (63 Credits)				
ACC	340	Financial Management	BSM 200	3
BSM	100	The New Business: From Idea to Reality	None	3
BSM	200	The Growing Business: Breaking Even	BSM 100	3
BSM	300	The Mature Business	BSM 200	3
CMN	210	Text, Image and Sound	None	3
CMN	279	Introduction to Professional Communication	None	3
CMN	313	Organizational problem Solving/ Report Writing	CMN 210	3
CMN	448	Introduction to Visual Communication	CMN 210	3
CRI	100	Creative Industries Overview	None	3
CRI	200	IP Issues in the Digital Age	CRI 100	3
CRI	300	Digital Design Studio	CRI 200	3
CRI	301	The Creative Process	CRI 200	3
CRI	400	Entrepreneurship in Creative Industries	CRI 200	3
CRI	402	HR in Creative Industries	CRI 301, BSM 300	3
CRI	403	Creative Industries Research Methodology	CRI 301	3
CRI	404	Managing Creative Enterprises	CRI 400, CRI 402, CRI 403	3
CRI	405	Studies in Creative Collaboration	CRI 402	3
CRI	406	Global Licensing/Distribution Agreements	None	3
CRI	475	Internship	Completion of 90 Cr. Hrs. & CGPA ≥ 2.0	3
EBU	200	e-Business Fundamentals	None	3
PLX	111	Imagining the Creative City	None	3
Elective Courses (09 Credits): Students are required to Select Three Courses from the following courses				
CMN	305	Strategic Public Relation	None	3
CRI	340	Global Entertainment Marketplace	None	3
CRI	430	Canadian Media/Entertainment Industries	None	3
FSN	132	History of Art 1	None	3
FSN	203	History of Design	None	3
RTA	101	Introduction to Media Theory and Practice	None	3
RTA	427	Business of Music 1	None	3
IDF	200	Introduction to the World of Design	None	3
MKT	330	Digital Luxury	None	3

Modules Requirements [36 Credits]

Students are required to select TWO of the following Modules:

Module A: Interior Design [18 Credits]

Course Code		Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (15 Credits)				
IDF	309	Sustainable Design	None	3
IDF	100	Elements and Principles of Design	None	3
IDF	250	Contemporary Art and Design	None	3
IDF	301	Leaping Fences: New Directions in Design	IDF 100, IDF 200, IDF 250	3
CRI	461	Big Night Project	Completion of 90 Cr. Hrs.	3
Elective Courses (03 Credits): Students are required to select One Course from the following courses				
DES	121	Design Theory	None	3
DES	221	History of Architecture and Design	None	3
IDF	300	Strategic Thinking and the Deep Dive	IDF 100, IDF 200, IDF 250	4

Module B: Media Business [18 Credits]

Course Code		Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (15 Credits)				
RTA	315	Business of Creative Media	None	3
RTA	402	Social Media	None	3
RTA	408	Business of Producing 1	None	3
RTA	418	Ethics in Media	None	3
CRI	461	Big Night Project	Completion of 90 Cr. Hrs.	3
Elective Courses (03 Credits): Students are required to select One Course from the following courses				
CRI	350	Art and Business of Gaming	None	3
CRI	420	Media Regulation and Communication Policy	None	3
RTA	404	Advanced Media Management	None	3
RTA	415	Legal Issues in Media	None	3
RTA	488	International Media Storytelling	None	3

Module C: Communication Studies [18 Credits]

Course Code		Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (15 Credits)				
CMN	211	Language and Power	CMN 210	3
RTA	402	Social Media	None	3
CMN	269	Countercultural Communication	CMN 211	3
CMN	470	Risk and Crisis Communication	RTA 402	3
CRI	461	Big Night Project	Completion of 90 Cr. Hrs.	3
Elective Courses (03 Credits): Students are required to select One Course from the following courses				
CMN	402	Theorizing Communication	None	3
CMN	450	Participatory Media Communication	None	3
NNS	325	The Business of Journalism	None	3
IDF	300	Strategic Thinking and the Deep Dive	IDF 100, IDF 200, IDF 250	4

Study Plan - Bachelor of Arts in Creative Industries (BACI)

Sem.	Course Code		Course Title	Prerequisite	Cr. Hrs.
Semester 1	BSM	100	The New Business: From Idea to Reality	None	3
	CRI	100	Creative Industries Overview	None	3
	GED	132	Science and Technology in Society	None	3
	GED	110	Modern Art Appreciation	None	3
	LNG	171-3	English I	None	3
	Total				**15**
Semester 2	BSM	200	The Growing Business: Breaking Even	BSM 100	3
	CMN	210	Text, Image and Sound	None	3
	CRI	200	IP Issues in the Digital Age	CRI 100	3
	MTH	195	Applied Statistics	None	3
	PLX	111	Imagining the Creative City	None	3
	Total				**15**
Semester 3	CMN	279	Introduction to Professional Communication	None	3
	CMN	448	Introduction to Visual Communication	CMN 210	3
	CRI	300	Digital Design Studio	CRI 200	3
	CRI	301	The Creative Process	CRI 200	3
	XXX	XXX	Module 1: Required Course (1)		3
	XXX	XXX	Module 2: Required Course (1)		3
	Total				**18**
Semester 4	CRI	400	Entrepreneurship in Creative Industries	CRI 200	3
	XXX	XXX	Module 1: Required Course (2)		3
	XXX	XXX	Module 1: Required Course (3)		3
	XXX	XXX	Module 2: Required Course (2)		3
	XXX	XXX	Module 2: Required Course (3)		3
	Total				**15**
Semester 5	ACC	340	Financial Management	BSM 200	3
	GED	198	Islamic Culture	None	3
	XXX	XXX	GE Elective Course		3
	XXX	XXX	CRI Department Elective Course (1)		3
	XXX	XXX	Module 1: Required Course (4)		3
	XXX	XXX	Module 2: Required Course (4)		3
	Total				**18**
Semester 6	BSM	300	The Mature Business	BSM 200	3
	CMN	313	Organizational problem Solving/ Report Writing	CMN 210	3
	XXX	XXX	CRI Department Elective Course (2)		3
	XXX	XXX	Module 1: Elective Course (1)		3
	XXX	XXX	Module 2: Elective Course (1)		3
	Total				**15**
Semester 7	EBU	200	e-Business Fundamentals	None	3
	CRI	402	HR in Creative Industries	CRI 301, BSM 300	3
	CRI	403	Creative Industries Research Methodology	CRI 301	3
	CRI	46x	Module 1: The Big Night - Required Course (5)	Completion of 90 Cr. Hrs.	3
	XXX	XXX	CRI Department Elective Course (3)		3
	Total				**15**
Semester 8	CRI	404	Managing Creative Enterprises	CRI 400, CRI 402, CRI 403	3
	CRI	406	Global Licensing/Distribution Agreements	None	3
	CRI	405	Studies in Creative Collaboration	CRI 402	3
	CRI	46x	Module 2: The Big Night - Required Course (5)	Completion of 90 Cr. Hrs.	3
	CUD	475	Internship **	Completion of 90 Cr. Hrs. & CGPA ≥ 2.0	3
	Total				**15**
**** Students are advised to complete the Internship in the summer semester**					
Total Credit Hours					**126**

22.10 Department of Public Health

Welcome to the Department of Public Health, where we aim to shape the public health discourse by educating and training tomorrow's public health leaders who will be the driving force for change.

Public Health related concerns are some of the biggest challenges facing the world today, and the Department of Public Health at Canadian University Dubai works to address them. As a public health graduate, you will be able to play an important role in predicting and protecting the future of our planet and humankind. You will work at the forefront of the public health field as you study and serve local and global communities.

Our environment and health are pivotal to today's world and its future sustainability; health is the focal point of humanity and without proper health systems, our existence would be at stake. Simultaneously, climate change due to global warming, pollution, the depletion of natural resources, infectious diseases, and lifestyle present serious issues that affect our long-term wellbeing. The Department of Public Health was established to provide insight and equip students with the skills required to implement the principles that they learn to real work problems and create solutions to these significant, global issues.

The Bachelor of Science in Public Health with two concentrations Environmental Health Management and Health Administration are accredited by the CAA, Ministry of Education and deliver a well-balanced, comprehensive and student-centred education, combining academic and applied learning related to current and future public health concerns. As a graduate of the Department, you will have the knowledge and professional skills to meet the needs of the industry in the UAE and internationally, to help face the global health and environmental challenges of current and future generations.

22.10.1 Bachelor of Science in Public Health

- Environmental Health Management
- Health Administration

Bachelor of Science in Public Health-Environmental Health Management

"Enrolment for this program is limited."

Description:

Students choose to study the BSc in Public Health with a concentration in Environmental Health Management because it covers a wide variety of disciplines. This degree will prepare you for both the technical and professional demands of careers in the field of Environment. Students will be actively involved within their communities through planning and executing environmental projects. You will also learn methods for analysing, evaluating and controlling environmental health issues

Duration: 4 Years (8 Semesters)
Credit Hours: 129 Credit Hours
Credential: Bachelor's degree Program
Start: Fall, Spring and Summer

Benefits:

As a graduate of CUD's Bachelor of Science in Public Health with a concentration in Environmental Health Management you will have a strong background in managing environmental health issues relevant to modern society. The program will equip you with the current tools and techniques to face the most challenging and contemporary issues related to environmental health, to make an

important contribution to the workforce immediately following your graduation. With a degree in this field, you will be a crucial asset to environmental and health employers, ministries, and international organizations.

Career Opportunities:

As an Environmental Health Management graduate your career opportunities are broad, not only you will have a chance to make an impact on peoples' lives and contribute to healthier societies, you will also be highly employable in a range of careers. Jobs in the field of environmental health management has no bounds. There is no shortage of job opportunities in institutions and professions linked to:

- Government Ministries (e.g Ministry of Climate Change and Environment, Dubai Municipality)
- United Nations Agencies (e.g UNEP, UNDP)
- Environmental Consulting Firms (e.g AECOM, ABS Consulting)
- Non-governmental Organizations (e.g GreenPeace, Emirates Environmental Group)
- Environmental Agencies (Environment Agency AbuDhabi, BEEAH Group)
- Educational and Research Institutions (e.g Center for Environmental Studies and Research, Fujairah Research Center)
- Industries linked to:
- Occupational Health, and Safety
- Construction
- Food Safety
- Water Resources
- Oil Industry
- Sustainable Building
- Waste Management

In these career areas, you will be responsible for enforcement related to environmental health laws and regulations, consultation, education, research, management, and implementation of systems.

eco canada

Bachelor of Science in Public Health-Health Administration

"Enrolment for this program is limited."

Description:

Students choose to study the BSc in Public Health with a concentration in Health Administration because they will be involved in work that positively impacts individual lives. As a Health Administrator, you will be helping to support or lead individuals who have to be hands-on with patients. This degree will prepare you to make a difference in improving patient outcomes.

Duration: 4 Years (8 Semesters)
Credit Hours: 129 Credit Hours
Credential: Bachelor's degree Program
Start: Fall, Spring and Summer

Benefits:

As a graduate of CUD's Bachelor of Science in Public Health with a concentration in Health Administration you will have a strong background in managing health information, healthcare process, ability to identify gaps, obstacles and recommendations in quality care. You can also ensure that health processes and procedures are in place to meet the demand for care in your facility. No matter what position you hold, your impact in health administration is felt by patients receiving care. With a degree in this field, you will be a crucial asset to health employers, ministries, insurance companies, health consultancies and international organizations.

Career Opportunities:

As a Health Administration graduate, not only you will have a chance to make an impact on peoples' lives and contribute to healthier societies, you will also be highly employable in a range of careers. There is no shortage of job opportunities in institutions and professions linked to:

- Government Ministries
- United Nations Agencies
- Health Consulting Firms
- Non-governmental Organizations
- Insurance Companies
- Educational and Research Institutions
- Industries linked to:
  - Occupational Health, and Safety
  - Clinics
  - Advisory Consultancies

a) Program Learning Outcomes (PLOs)

Bachelor of Science in Public Health - Environmental Health Management

Upon successful completion of the program the student will be able to:

1. Demonstrate an understanding of the fundamentals of life sciences.
2. Demonstrate an understanding of fundamental concepts of Public Health and related issues.
3. Comprehend specialized knowledge of professionally recognized methodologies applied in environmental health management*.
4. Communicate orally and in writing to different audiences in compliance with professional standards.
5. Critically analyze and solve existing environmental health problems*.
6. Design and implement adequate solutions to protect Public Health using approved national and international practices.
7. Work in an effective and creative way individually and in teams and demonstrate innovative leadership skills.
8. Develop environmental management systems in compliance with national and international standards*.
9. Recognize the impact of economic, legal, ethical, and societal factors on Public Health.
10. Assimilate current and evolving theories and skills in the field of Environmental Health*.

Bachelor of Science in Public Health - Health Administration

Upon successful completion of the program the student will be able to:

1. Demonstrate an understanding of the fundamentals of life sciences.
2. Demonstrate an understanding of fundamental concepts of Public Health and related issues.

3. Comprehend specialized knowledge of in planning, implementing, assessing and evaluating health systems*.
4. Communicate orally and in writing to different audiences in compliance with professional standards.
5. Critically analyze complex interplay in health disparities and solve existing health problems*.
6. Design and implement adequate solutions to protect Public Health using approved national and international practices.
7. Work in an effective and creative way individually and in teams and demonstrate innovative leadership skills.
8. Develop health programs in compliance with national and international standards.*
9. Recognize the impact of economic, legal, ethical, and societal factors on Public Health.
10. Assimilate current and evolving theories and skills in health administration*.

b) Program Learning Outcomes (PLOs) Alignment with QF-Emirates

PLOs	Knowledge	Skills	Aspects of Competence		
			Autonomy & Responsibility	Role in Context	Self-Development
PLO1	✓				
PLO2	✓				
PLO3	✓				
PLO4		✓			
PLO5		✓			
PLO6		✓			
PLO7			✓		
PLO8				✓	
PLO9				✓	
PLO10					✓

c) Bachelor of Science in Public Health Program Requirements

Requirements	Compulsory Cr. Hrs.	Elective Cr. Hrs.	Total Cr. Hrs.
University Requirements (GE Courses)	21	03	24
Program Core Requirements (Core Courses)	69	03	72
Concentration Requirements	33	-	33
Total	**123**	**06**	**129**

University Requirements [General Education Courses - 24 Credits]

Course Code		Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (21 Credits)				
LNG	171-4	English I	None	3
LNG	172-4	English II	LNG 171-4	3
GED	196E	Communication Skills in Arabic 1	None	3
GED	198E	Islamic Culture	None	3
GED	199E	UAE Society	None	3
ENT	141	Fundamentals of Innovation and Entrepreneurship 1	None	2
ENT	142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
ENT	241	Entrepreneurship 1	ENT 142	2
ENT	242	Entrepreneurship 2	ENT 241	1

Course Code		Course Title	Prerequisite	Cr. Hrs.
Elective (Humanities - 03 Credits): Students are required to select One Courses from the following Pool				
GED	110E	Modern Art Appreciation	None	3
GED	111E	Music Appreciation and Communication	None	3
GED	205E	Psychology in Everyday Life	LNG 172 or LNG 182	3
GED	252E	Critical Thinking	LNG 172 or LNG 182	3
GED	324E	Ethical Reasoning for Today's World	LNG 172 or LNG 182	3
GED	330E	Introduction to Canadian Studies	None	3

Program Core Requirements [Core Courses - 72 Credits]

Course Code		Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (69 Credits)				
BIO	102	Biology I	None	3
HOM	101	Fundamentals of Healthcare Management	None	3
MTH	112	Calculus I	Math Placement or MTH 012	3
SHS	100	Principles of Public Health	None	3
SHS	102	Healthcare Systems	None	3
SHS	103	Chemistry	None	3
SHS	105	Organic Chemistry	SHS 103	3
BIO	202	Biology II	BIO 102	3
ENV	201	Principles of Environmental Science	None	3
SCI	210	Modern Physics	None	3
SHS	200	Global Health	None	3
SHS	208	Infectious Diseases	None	3
SHS	221	Chronic and Non-Infectious Diseases	None	3
SHS	220	Applied Medical Terminology	None	3
HOM	303	Health Education and Promotion	None	3
ENV	220	Introduction to Environmental Health	ENV 201	3
ENV	310	Biostatistics	SHS 200	3
ENV	416	Epidemiology	SHS 200	3
ENV	421	Occupational Health & Safety	81 Cr. Hrs.	3
SHS	410	Public Health Ethics	81 Cr. Hrs.	3
SHS	421	Leadership	81 Cr. Hrs.	3
SHS	430	Applied Research	81 Cr. Hrs.	3
HA	315	Health Policy and Governance	81 Cr. Hrs.	3
Department Elective Courses (03 Credits): Students are required to select One Course from the following courses				
ENV	309	Impacts of Earth Resources and Natural Hazards on the Environment	ENV 201	3
SHS	205	Biochemistry	SHS 105	3
SHS	420	Career Tasks and Challenges in Public Health	81 Cr. Hrs.	3
HOM	414	Accreditation for Healthcare Organization	HOM 320	3

Concentration Requirement [33 Credits]

All students who will enroll in the BSc in Public Health will have to complete 10 concentration courses (30 credit hours) and 3 credit hours for internship.

i. Environmental Health Management Concentration Courses

Course Code		Course Title	Prerequisite	Cr. Hrs.
ENV	302	Environmental Microbiology	None	3
ENV	311	Entomology and Pest Control Management	SHS 103	3
ENV	305	Food Quality and Control	SHS 105, ENV 302	3
ENV	326	Indoor and Outdoor Air Pollution	ENV 201	3
ENV	320	Environmental Management: Theory and Practice	ENV 201	3
ENV	330	Hydrology and Water Waste	ENV 201	3
ENV	405	Toxicology	SHS 105, 81 Cr. Hrs.	3
ENV	407	Management of Domestic and Hazardous Wastes	81 Cr. Hrs.	3
ENV	420	Marine Pollution	ENV 407	3
ENV	422	Impacts of Climate Change Policy on Environmental Management	ENV 326	3
SHS	400	Internship	81 Cr. Hrs.	3

ii. Health Administration Concentration Courses

Course Code		Course Title	Prerequisite	Cr. Hrs.
ACT	112	Principles of Accounting I	None	3
SHS	104	Health Economics	None	3
HRM	210	Human Resource Management	MGT 202/HOM 101	3
HA	301	Health Information Systems	HOM 101	3
HA	310	Healthcare Quality	HOM 101	3
HA	314	Performance Improvement in Healthcare: Measurement & Management	None	3
HOM	320	Hospital Management	HOM 101	3
MGT	320	Organizational Behavior	HRM 210	3
HA	330	Medical Coding	HA 301	3
HA	450	Healthcare Finance & Insurance	ACT 112	3
SHS	400	Internship	81 Cr. Hrs.	3

Study Plan - Bachelor of Science in Public Health - Environmental Health Management

Sem.	Course Code		Course Title	Prerequisite	Cr. Hrs.
Semester 1	BIO	102	Biology I	None	3
	LNG	171-4	English I	None	3
	HOM	101	Fundamentals of Healthcare Management	None	3
	SHS	103	Chemistry	None	3
	ENT	141	Fundamentals in Innovation and Entrepreneurship 1	None	2
	TOTAL				**14**
Semester 2	LNG	172-4	English II	LNG 171-4	3
	SHS	105	Organic Chemistry	SHS 103	3
	GED	198E	Islamic Culture	None	3
	SHS	100	Principles of Public Health	None	3
	BIO	202	Biology II	BIO 102	3
	ENT	142	Fundamentals in Innovation and Entrepreneurship 2	None	1
	TOTAL				**16**
Semester 3	ENV	201	Principles of Environmental Science	None	3
	SHS	208	Infectious Diseases	None	3
	GED	196	Communication Skills in Arabic	None	3
	MTH	112	Calculus I	Math Placement or MTH 012	3
	SHS	102	Healthcare Systems	None	3
	ENT	241	Entrepreneurship 1	ENT 142	2
	TOTAL				**17**
Semester 4	ENV	220	Introduction to Environmental Health	ENV 201	3
	SHS	221	Chronic and Non-Infectious Diseases	None	3
	ENV	302	Environmental Microbiology	None	3
	SHS	220	Applied Medical Terminology	None	3
	GED	199	UAE Society	None	3
	ENT	242	Entrepreneurship 2	ENT 241	1
	TOTAL				**16**
Semester 5	SCI	210	Modern Physics	None	3
	SHS	200	Global Health	None	3
	ENV	311	Entomology and Pest Control Management	SHS 103	3
	ENV	330	Hydrology and Water Waste	ENV 201	3
	ENV	305	Food Quality and Control	SHS 105, ENV 302	3
	ENV	310	Biostatistics	SHS 200	3
	TOTAL				**18**
Semester 6	ENV	326	Indoor and Outdoor Air Pollution	ENV 201	3
	ENV	320	Environmental Management: Theory and Practice	ENV 201	3
	HOM	303	Health Education and Promotion	None	3
	XXX	XXX	Humanities Elective		3
	HA	315	Health Policy and Governance	81 Cr. Hrs.	3
	TOTAL				**15**
Semester 7	ENV	405	Toxicology	SHS 105, 81 Cr. Hrs.	3
	ENV	407	Management of Domestic and Hazardous Wastes	81 Cr. Hrs.	3
	XXX	XXX	Department Elective Course		3
	ENV	416	Epidemiology	SHS 200	3
	SHS	410	Public Health Ethics	81 Cr. Hrs.	3
	TOTAL				**15**
Semester 8	ENV	420	Marine Pollution	ENV 407	3
	ENV	421	Occupational Health & Safety	81 Cr. Hrs.	3
	ENV	422	Impacts of Climate Change Policy on Environmental Management	ENV 326	3
	SHS	421	Leadership	81 Cr. Hrs.	3
	SHS	430	Applied Research	81 Cr. Hrs.	3
	TOTAL				**15**
Summer	SHS	400	**Internship (Between semesters 6 to 8)**	81 Cr. Hrs.	3
Total Credit Hours					**129**

Study Plan - Bachelor of Science in Public Health - Health Administration

Sem.	Course Code		Course Title	Prerequisite	Cr. Hrs.
Semester 1	BIO	102	Biology I	None	3
	LNG	171-4	English I	None	3
	HOM	101	Fundamentals of Healthcare Management	None	3
	SHS	103	Chemistry	None	3
	ENT	141	Fundamentals in Innovation and Entrepreneurship 1	None	2
	TOTAL				**14**
Semester 2	LNG	172-4	English II	LNG 171-4	3
	SHS	105	Organic Chemistry	SHS 103	3
	GED	198E	Islamic Culture	None	3
	SHS	100	Principles of Public Health	None	3
	BIO	202	Biology II	BIO 102	3
	ENT	142	Fundamentals in Innovation and Entrepreneurship 2	None	1
	TOTAL				**16**
Semester 3	ENV	201	Principles of Environmental Science	None	3
	SHS	208	Infectious Diseases	None	3
	GED	196	Communication Skills in Arabic	None	3
	MTH	112	Calculus I	Math Placement or MTH 012	3
	SHS	102	Healthcare Systems	None	3
	ENT	241	Entrepreneurship 1	ENT 142	2
	TOTAL				**17**
Semester 4	ENV	220	Introduction to Environmental Health	ENV 201	3
	SHS	221	Chronic and Non-Infectious Diseases	None	3
	ACT	112	Principles of Accounting I	None	3
	SHS	220	Applied Medical Terminology	None	3
	HA	310	Healthcare Quality	HOM 101	3
	ENT	242	Entrepreneurship 2	ENT 241	1
	TOTAL				**16**
Semester 5	SCI	210	Modern Physics	None	3
	SHS	200	Global Health	None	3
	HA	301	Health Information Systems	HOM 101	3
	GED	199	UAE Society	None	3
	HRM	210	Human Resource Management	MGT 202/HOM 101	3
	ENV	310	Biostatistics	SHS 200	3
	TOTAL				**18**
Semester 6	HOM	320	Hospital Management	HOM 101	3
	MGT	320	Organizational Behavior	HRM 210	3
	HOM	303	Health Education and Promotion	None	3
	XXX	XXX	Humanities Elective		3
	HA	315	Health Policy and Governance	81 Cr. Hrs.	3
	TOTAL				**15**
Semester 7	HA	330	Medical Coding	HA 301	3
	ENV	416	Epidemiology	SHS 200	3
	SHS	410	Public Health Ethics	81 Cr. Hrs.	3
	HA	314	Performance Improvement in Healthcare: Measurement & Management	None	3
	XXX	XXX	Department Elective Course		3
	TOTAL				**15**
Semester 8	SHS	104	Health Economics	None	3
	HA	450	Healthcare Finance & Insurance	ACT 112	3
	ENV	421	Occupational Health and Safety	81 Cr. Hrs.	3
	SHS	430	Applied Research	81 Cr. Hrs.	3
	SHS	421	Leadership	81 Cr. Hrs.	3
	TOTAL				**15**
Summer	SHS	400	**Internship (Between semesters 6 to 8)**	81 Cr. Hrs.	3
Total Credit Hours					**129**

22.11 Department of Social Sciences

22.11.1 Bachelor of Arts in Psychology (English)

Description:

Canadian University Dubai's Bachelor of Arts in Psychology will provide students with a range of interpersonal skills and an in-depth knowledge of human behavior and thought processes that will help them excel in a variety of career fields. Our graduates will be experts in critical thinking, one-on-one and small group communication, written communication, understanding individual, group and organizational behavior and creative thinking.

Benefits:

There is an increasing demand for trained Psychologists in the UAE. In 2016, Dr. Yana Korobko, author of Arabs in Treatment: Development of Mental Health System and Psychoanalysis in the Arab-Islamic World, told the National that there are only 0.51 psychologist per 100, 000 residents in the UAE, she said that "despite an overall increase in psychology centres in the UAE, more than 33,000 patients were without the specialist care they needed."

Moreover, graduates in Psychology are required by a range of industries including hospitals, schools, private businesses, social service agencies and mental health centres.

Currently there are very few universities offering an undergraduate degree in Psychology in the UAE despite the demand for qualified graduates.

Career Opportunities:

Graduates with a Bachelor of Arts in Psychology will find themselves prepared for careers in:

- Counselling
- Top- and Mid-Level Management and Administration
- Customer Relations and Sales,
- Social Work
- The Police Force and Army
- Labor-Relations, Personnel, and Training
- Real Estate
- Business Services
- Insurance
- Marketing

As well the graduates will be able to join Graduate Schools in many disciplines such as Psychology, Social Work, Business, and in the Social Sciences in general. As well they will be able to apply to Medical or Law School.

a) Program Learning Outcomes (PLOs)

Upon successful completion of the program the student will be able to:

1. Demonstrate a developed knowledge and critical understanding of the key concepts, methodologies, current advances, historical contexts, theoretical approaches, and overarching themes in Psychology
2. Demonstrate an in-depth understanding of methodological and statistical techniques and practices
3. Describe the diversity of research practices, methods of inference, and practical/professional implications of Psychology

4. Design and execute empirical research (e.g., formulate researchable questions/hypotheses, select appropriate methodologies, situate research within the scientific literature, and disseminate it in discipline-appropriate manners)
5. Apply scientific reasoning and analysis to interpret and evaluate psychological phenomena based on major theories, concepts, and methods germane to the discipline
6. Relate psychological knowledge to personal, professional, and societal concerns
7. Effectively communicate ideas, critiques, and research findings in oral and written forms appropriate to academic, professional, and public audiences.
8. Articulate ethical standards and social responsibilities assumed by psychologists in their professional and scientific roles and envisage the potential impact of psychological research for treatment and prevention interventions
9. Appreciate the ambiguity, complexities, and limits associated with evidence-based psychological research methods, findings, and knowledge by participating in scholarly activities that address community needs at all levels.
10. Recognize how the changing nature of social, cultural, and interdisciplinary influences impact research practices in contemporary psychology and utilize acquired skills to address community needs at all levels.

b) Program Learning Outcomes (PLOs) Alignment with QF-Emirates

PLOs	Knowledge	Skills	Aspects of Competence		
			Autonomy & Responsibility	Role in Context	Self-Development
PLO1	✓				
PLO2	✓				
PLO3	✓				
PLO4		✓			
PLO5		✓			
PLO6		✓			
PLO7		✓			
PLO8			✓		
PLO9					✓
PLO10				✓	

c) Bachelor of Arts in Psychology Program Requirements

Requirements	Compulsory Cr. Hrs.	Elective Cr. Hrs.	Free Elective Cr. Hrs.	Total Cr. Hrs.
University Requirements (GE Courses)	24	06	-	30
Program Core Requirements (Core Courses)	48	-	-	48
Program Major Requirements	33	06	-	39
Free Elective Courses (FE)	-	-	06	06
Total	**105**	**12**	**06**	**123**

University Requirements [General Education Courses - 30 Credits]

Course Code		Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (24 Credits)				
LNG	171-5	English I	None	3
LNG	172-5	English II	LNG 171-5	3
GED	150	Foundations for Community Engagement and Social Work	None	3
GED	198E	Islamic Culture	None	3
GED	199E	UAE Society	None	3
ENT	141	Fundamentals of Innovation and Entrepreneurship 1	None	2
ENT	142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
ENT	241	Entrepreneurship 1	ENT 142	2
ENT	242	Entrepreneurship 2	ENT 241	1
MTH	195	Applied Statistics	Math Placement test or MTH 011	3
Elective (Humanities - 03 Credits): Students are required to select One Course from the following Pool				
GED	110E	Modern Art Appreciation	None	3
GED	111E	Music Appreciation and Communication	None	3
GED	196	Communication Skills in Arabic 1	None	3
GED	252	Critical Thinking	LNG 172 or LNG 182	3
Elective (Science & Technology - 03 Credits): Students are required to select One Course from the following Pool				
BIO	100	Unifying Life Processes	None	3
GED	101	Application of Computer Software	None	3
GED	125E	Ecosystems and Human Health	None	3
GED	132E	Science and Technology in Society	None	3

Program Core Requirements [Core Courses - 48 Credits]

Course Code		Course Title	Prerequisite	Cr. Hrs.
PSY	101	Psychology I	None	3
PSY	102	Psychology II	PSY 101	3
PSY	200	Research Methods	MTH 195	3
PSY	210	Introduction to Cognitive Psychology	PSY 102, GED 150	3
PSY	220	Perception	PSY 102	3
PSY	230	Personality	PSY 102	3
PSY	240	Introduction to Learning	PSY 102	3
PSY	250	Biopsychology	PSY 102	3
PSY	260	Abnormal Psychology	PSY 102, GED 150	3
PSY	280	Developmental Psychology I: Infancy and Childhood	PSY 210	3
PSY	290	Neuropsychology	PSY 250	3
PSY	300	Social Psychology	PSY 260	3
PSY	320	Community Psychology	PSY 300	3
PSY	330	Organizational Psychology	PSY 300	3
PSY	340	Educational Psychology	PSY 300	3
PSY	380	Developmental Psychology II: Adolescence and Young Adulthood	PSY 210	3

Program Major Requirements [39 Credits]

Course Code		Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (33 Credits)				
PSY	285	Psychological Measurement and Testing	PSY 200	3
PSY	315	Clinical Psychology	PSY 210	3
PSY	325	Environment, Psychology and Action	PSY 320	3
PSY	350	Internship	81 Cr. Hrs. & ≥ CGPA 2.0	3
PSY	385	Psychology of Exceptional Children, Youth and Adults	PSY 380 & PSY 260	3
PSY	405	Drugs and Behaviour	PSY 315 & PSY 285	3
PSY	415	Applied Social Psychology	PSY 300	3
PSY	425	Health Psychology	PSY 300 & PSY 260	3
PSY	430	Research Paper in Education and Learning	PSY 340, PSY 285 & PSY 200	3
PSY	431	Research Paper in Behavioural and Cognitive Neuroscience	PSY 290, PSY 210 & PSY 200	3
PSY	499	Graduation Project	PSY 430	3
Elective Courses (06 Credits): Students are required to select Two Courses from the following courses				
ENV	201	Principles of Environmental Sciences	None	3
ENV	302	Environmental Microbiology	ENV 201	3
ENV	308	Community Environmental Health	ENV 201	3
PSY	205	History of Psychology	PSY 102, GED 150	3
PSY	275	Positive Psychology	PSY 102, GED 150	3

Free Elective Courses [06 Credits]

Students are required to complete Two Courses of Free Electives (Student can select two courses offered by the university which are relevant to the Psychology).

Study Plan - Bachelor of Arts in Psychology

Sem.	Course Code		Course Title	Prerequisite	Cr. Hrs.
Semester 1	LNG	171-5	English I	None	3
	PSY	101	Psychology I	None	3
	GED	XXX	Science and Technology Elective	None	3
	ENT	141	Fundamentals of Innovation and Entrepreneurship 1	None	2
	GED	198	Islamic Culture	None	3
	Total				**14**
Semester 2	PSY	102	Psychology II	PSY 101	3
	GED	150	Foundations for Community Engagement and Social Work	None	3
	LNG	172-5	English II	LNG 171-5	3
	GED	199	UAE Society	None	3
	MTH	195	Applied Statistics	None	3
	ENT	142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
	Total				**16**
Semester 3	PSY	200	Research Methods	MTH 195	3
	PSY	210	Introduction to Cognitive Psychology	PSY 102	3
	ENT	241	Entrepreneurship 1	ENT 142	2
	PSY	230	Personality	PSY 102	3
	PSY	240	Introduction to Learning	PSY 102	3
	Total				**14**
Semester 4	PSY	250	Biopsychology	PSY 102	3
	PSY	260	Abnormal Psychology	PSY 102, GED 150	3
	PSY	280	Developmental Psychology I: Infancy and Childhood	PSY 210	3
	PSY	285	Psychological Measurement and Testing	PSY 200	3
	PSY	220	Perception	PSY 102	3
	ENT	242	Entrepreneurship 2	ENT 241	1
	Total				**16**
Semester 5	PSY	290	Neuropsychology	PSY 250	3
	PSY	300	Social Psychology	PSY 260	3
	PSY	380	Developmental Psychology II: Adolescence and Young Adulthood	PSY 210	3
	PSY	315	Clinical Psychology	PSY 210	3
	GED	XXX	Humanities Elective	None	3
	Total				**15**
Semester 6	PSY	330	Organizational Psychology	PSY 300	3
	PSY	340	Educational Psychology	PSY 300	3
	PSY	320	Community Psychology	PSY 300	3
	PSY	385	Psychology of Exceptional Children, Youth and Adults	PSY 260, PSY 380	3
	PSY	XXX	Major Elective (1)		3
	Total				**15**
Semester 7	PSY	405	Drugs and Behaviour	PSY 285, PSY 315	3
	PSY	415	Applied Social Psychology	PSY 300	3
	PSY	425	Health Psychology	PSY 260, PSY 300	3
	PSY	430	Research Paper in Education and Learning	PSY 200, PSY 340	3
	XXX	XXX	Free Elective (1)		3
	Total				**15**
Semester 8	PSY	431	Research Paper in Behavioural and Cognitive Neuroscience	PSY 200, 210, 290	3
	PSY	485	Environment, Psychology and Action	PSY 320	3
	PSY	499	Graduation Project	PSY 430	3
	PSY	XXX	Major Elective (2)		3
	XXX	XXX	Free Elective (2)		3
	Total				**15**
Internship to be taken during summer semester after completion of 81 Cr. Hrs. with CGPA 2.0 or more.					**3**
Total Credit Hours					**123**

22.11.2 Bachelor of Arts in Psychology (Arabic) بكالوريوس الآداب في علم النفس

وصف البرنامج:

تطرح الجامعة الكندية دبي بكالوريوس الآداب في علم النفس والذي سيقدم للطلاب مجموعة من مهارات التعامل مع الآخرين والمعرفة المتعمقة بالسلوك البشري وعمليات التفكير التي تساعد الطلاب على التفوق في المجالات المختلفة. وسيتمتع خريجو البرنامج بالخبرة في مجال التفكير النقدي وفهم سلوك الفرد والمجموعات بالإضافة الى السلوك التنظيمي والتفكير الإبداعي.

المزايا:

يوجد احتياج لخريجين في مجال علم النفس للمساهمة في التطور المستمر للرفاهية وخدمة المجتمع والموارد البشرية وتقديم الاستشارات في قطاع التعليم والرعاية الصحية ومكان العمل في الإمارات العربية المتحدة. وعلى الرغم من ذلك، يوجد نقص في الأطباء النفسيين في الإمارات العربية المتحدة: ففي طبعة 17 يوليو 2016، قامت الجريدة الرسمية بنشر مقابلة تحت عنوان "الإمارات العربية المتحدة في حاجة ماسة إلى أطباء نفسيين" للدكتور يانا كوروبكو الذي أدعى أن هناك فقط 0.51 طبيب نفسي لكل 100.000 مقيم إماراتي على الرغم من الزيادة الكلية في مراكز العلاج النفسي في الإمارات العربية المتحدة، فقد عانى أكثر من 33.000 مريض من عدم وجود أخصائي الرعاية الذي يحتاجون إليه. وعلاوة على ذلك، فخريجي البرنامج لديهم مجال متنوع من المستشفيات، المدارس، الشركات الخاصة، ووكالات الخدمة الإجتماعية، وكذا مراكز الصحة العقلية. وحالياً يوجد عدد محدود من الجامعات تطرح برنامج بكالوريوس الآداب في علم النفس بالرغن من الطلب المتزايد على هذا التخصص.

فرص التوظيف:

يحصل الخريجون على فرص توظيف في الميادين التالية:

- الاستشارات
- المستوى الأعلى والمتوسط للشؤون الإدارية
- علاقات العملاء والمبيعات
- العمل الإجتماعي
- الشرطة
- العلاقات العامة وشؤون الموظفين والتدريب.
- مجال العقارات
- خدمات رجال الأعمال
- التأمين
- التسويق

كذلك يتاح لدي خريجي البرنامج الفرصة لإستكمال دراستهم العليا في العديد من التخصصات مثل علم النفس، الخدمة الإجتماعية، إدارة الأعمال، العلوم الإجتماعية بصفة عامة. كذلك القدرة على التسجيل في القطاع الطبي والقانوني

شروط التخرج

تمنح درجة البكالوريوس للطلبة بعد إتمام المتطلبات الآتية:

- النجاح في جميع المساقات المطلوبة للتخرج في الخطة الدراسية وتبلغ 123 ساعة معتمدة
- الحصول على معدل تراكمي لا يقل عن 2.0 نقطة، وإتمام المتطلبات الأخرى التي تتضمنتها الخطة الدراسية التي سيتخرج بموجبها الطالب
- قضاء الحد الأدنى للمدة الزمنية للحصول على درجة البكالوريوس وعدم تجاوز الحد الأقصى
- على الطالب المنقول أن يستكمل على الأقل % 50 من جملة الساعات المعتمدة للبرنامج وأيضا إستكمال 50%على الأقل من عدد الساعات المعتمدة لمتطلبات التخصص.

صدور قرار التخرج من المجالس المختصة

a) مخرجات تعلم البرنامج (Program Learning Outcomes)

1. يظهر معرفة متطورة وفهم نقدي للمفاهيم الرئيسية والمناهج والتقدم الحالي والنصوص التاريخية والإتجاهات النظرية والموضوعات الشاملة في علم النفس
2. يظهر فهم عميق للتقنيات المنهجية والإحصائية وتطبيقاتها
3. يصف الاختلاف في تطبيقات البحث وأساليب الاستدلال والتضمينات العملية والمهنية لعلم النفس

4. يصمم وينفذ أبحاث تجريبية (على سبيل المثال صياغة أسئلة/افتراضات قابلة للبحث واختيار المناهج المناسبة ووضع الأبحاث داخل الأدبيات العلمية ونشرها في سلوكيات انضباطية مناسبة)
5. يطبيق التفكير والتحليل العلمي لتفسير وتقييم الظواهر النفسية وفقاً للنظريات والمفاهيم والطرق الرئيسية الوثيقة الصلة بالانضباط
6. يربط المعرفة النفسية بالاهتمامات الشخصية والمهنية والمجتمعية
7. النقل الفعال للأفكار والنقد ونتائج الأبحاث في شكل شفهي وكتابي ملائم للجمهور الأكاديمي والمهني والعام
8. توضيح المعايير الأخلاقية والمسئوليات الاجتماعية التي افترضها علماء النفس في أدوارهم المهنية والعلمية وكذلك تصور التأثير المحتمل للبحث النفسي لعلاج ومنع التداخلات
9. تقدير الغموض والصعوبات والقيود المرتبطة بطرق ونتائج ومعرفة البحث النفسي المعتمدة على الأدلة وذلك من خلال المشاركة في أنشطة بحثية تلبي احتياجات المجتمع على جميع المستويات
10. يدرك كيفية تأثير التغير في طبيعة التأثيرات الاجتماعية والثقافية والمتعددة الاختصاصات على الممارسات البحثية في علم النفس المعاصر وكذلك كيفية الاستفادة من المهارات المكتسبة في تلبية احتياجات المجتمع على جميع المستويات

b) العلاقة بين مخرجات البرنامج ومصفوفة منظومة المؤهلات الإماراتية(PLOs with QF-Emirates)

PLOs	Knowledge	Skills	Aspects of Competence		
			Autonomy & Responsibility	Role in Context	Self-Development
PLO1	✓				
PLO2	✓				
PLO3	✓				
PLO4		✓			
PLO5		✓			
PLO6		✓			
PLO7		✓			
PLO8			✓		
PLO9					✓
PLO10				✓	

c) بكالوريوس الآداب فى علم النفس متطلبات

المتطلبات	الساعات المعتمدة الإجبارية	الساعات المعتمدة الاختيارية	إجمالي الساعات المعتمدة
متطلبات الجامعة (GE Courses)	21	06	27
أسس علم النفس (Core Courses)	48	-	48
التركيز على الآداب (التخصص العام)	33	06	39
الاختيارات الحرة (FE)	-	09	09
الإجمالي	**102**	**21**	**123**

متطلبات الجامعة [General Education Courses - 27 Credits]

كود المساق		اسم المساق	المتطلبات المسبقة	الساعات المعتمدة
مساقات إجبارية (21 ساعة معتمدة)				
161	LNG	لغة إنجليزية I	لايوجد	3
162	LNG	لغة إنجليزية II	LNG 161	3
198A	GED	الثقافة الإسلامية	لايوجد	3
195A	MTH	الإحصاء التطبيقي	إختبار تحديد مستوى في الرياضيات أوMTH 011	3
150A	GED	مبادئ المشاركة المجتمعية والعمل الإجتماعي	لايوجد	3
140A	GED	أساسيات الإبتكار وريادة الأعمال	لايوجد	3
199A	GED	مجتمع دولة الإمارات العربية المتحدة	لايوجد	3

كود المساق		اسم المساق	المتطلبات المسبقة	الساعات المعتمدة
العلوم الإنسانية (03 ساعات معتمدة) : يجب أن يختار الطالب مساق واحد من المساقات التالية				
110A	GED	تقدير الفن الحديث	لايوجد	3
196A	GED	مهارات التواصل باللغة العربية 1	لايوجد	3
111	GED	تقدير الموسيقى والتواصل	لايوجد	3
252A	GED	التفكير النقدي	LNG 162	3
العلوم والتكنولوجيا (03 ساعات معتمدة) : يجب أن يختار الطلاب مساق واحد من المساقات التالية				
100	BIO	توحيد عمليات الحياة	لايوجد	3
101	GED	تطبيقات برمجيات الحاسوب	لايوجد	3
125A	GED	النظم الإيكولوجية وصحة الإنسان	لايوجد	3
132A	GED	العلم والتكنولوجيا في المجتمع	لايوجد	3

أسس المساق [Core Courses - 48 Credits]

كود المساقات		عنوان المساقات	المتطلبات السابقة	الساعات المعتمدة
101	PSY	علم النفس (1)	لا يوجد	3
102	PSY	علم النفس (2)	PSY 101	3
200	PSY	مناهج البحث	MTH 195	3
210	PSY	مقدمة في علم النفس المعرفي	PSY 102 GED 150	3
220	PSY	الإدراك	PSY 102	3
230	PSY	الشخصية	PSY 102	3
240	PSY	مقدمة في التعلم	PSY 102	3
250	PSY	علم النفس الحيوي	PSY 102	3
260	PSY	علم نفس الشواذ	PSY 102 GED 150	3
280	PSY	علم النفس النمائي (1) مرحلة المهد والطفولة	PSY 210	3
290	PSY	علم النفس العصبي	PSY 250	3
300	PSY	علم النفس الاجتماعي	PSY 260	3
320	PSY	علم النفس المجتمعي	PSY 300	3
330	PSY	علم النفس التنظيمي	PSY 300	3
340	PSY	علم النفس التربوي	PSY 300	3
380	PSY	علم النفس النمائي (2) المراهقة والشباب	PSY 210	3

المساقات الأساسية [39 Credits]

كود المساقات		عنوان المساقات	المتطلبات السابقة	الساعات المعتمدة
الساعات المعتمدة الإجبارية (33 ساعة معتمدة)				
285	PSY	القياس النفسي والاختبارات	PSY 200	3
315	PSY	علم النفس الكلينيكي	PSY 210	3
325	PSY	علم النفس البيئي والحركي	PSY 320	3
350	PSY	الطبيب المقيم	81 ساعة + المعدل التراكمي النهائي (2) أو يزيد	3
385	PSY	سيكولوجية الأطفال والشباب والراشدين غير العاديين	PSY 260/380	3
405	PSY	المخدرات	PSY 285/315	3
415	PSY	علم النفس الاجتماعي والتطبيقي	PSY 300	3
425	PSY	علم نفس الصحة	PSY 260/300	3
430	PSY	ورقة بحث في التربية والتعليم	PSY 200/285/340	3
431	PSY	ورقة بحث في العلوم السلوكية والمعرفية العصبية	PSY 200/201/290	3
499	PSY	مشروع بحث	PSY 430	3
يجب أن يختار الطالب مساق عدد 2 من المساقات التالية (06 ساعات معتمدة)				
201	ENV	مبادئ العلوم البيئية	لايوجد	3
302	ENV	الميكروبيولوجيا البيئية	ENV 201	3
308	ENV	الصحة البيئية للمجتمع	ENV 201	3
205	PSY	تاريخ علم النفس	PSY 102, GED 150	3
275	PSY	علم النفس الإيجابي	PSY 102, GED 150	3

الاختيارات الحرة (FE) [06 Credits]

يختار الطالب عدد (2 مساق) من المساقات المطروحة من قبل أي قسم من أقسام كليات الجامعة.

خطة الدراسة لبكالوريوس الآداب فى علم النفس

الفصل الدراسي	كود المساق		عنوان المساق	المتطلبات السابقة	الساعات المعتمدة
الفصل الدراسي الأول	161	LNG	انجليزى (1)	لا يوجد	3
	101	PSY	علم النفس (1)	لا يوجد	3
	XXX	GED	العلم والتكنولوجيا	لا يوجد	3
	XXX	GED	الإنسانيات (1)	لا يوجد	3
	198	GED	الثقافة الإسلامية	لا يوجد	3
15					
الفصل الدراسي الثاني	102	PSY	علم النفس (2)	PSY 101	3
	150	GED	أسس الإندماج المجتمعى والعمل الاجتماعى	لا يوجد	3
	162	LNG	إنجليزى (2)	LNG 161	3
	199	GED	مجتمع دولة الإمارات العربية المتحدة	لا يوجد	3
	195	MTH	الإحصاء التطبيقى	إختبار تحديد مستوى في الرياضيات أو MTH 011	3
15					
الفصل الدراسي الثالث	200	PSY	مناهج البحث	MTH 195	3
	210	PSY	مقدمة فى علم النفس المعرفى	PSY 102 / GED 150	3
	220	PSY	الإدراك	PSY 102	3
	230	PSY	الشخصية	PSY 102	3
	240	PSY	مقدمة فى التعلم	PSY 102	3
15					
الفصل الدراسي الرابع	250	PSY	علم النفس البيولوجى	PSY 102	3
	260	PSY	علم النفس الشواذ	PSY 102 / GED 150	3
	280	PSY	علم النفس النمائى (1) مرحلة المهد والطفولة	PSY 210	3
	285	PSY	القياس النفسى والاختبارات	PSY 200	3
	XXX	XXX	الاختيارات الحرة (1)		3
15					
الفصل الدراسي الخامس	290	PSY	علم النفس العصبى	PSY 250	3
	300	PSY	علم النفس الاجتماعى	PSY 260	3
	380	PSY	علم النفس النمائى (2) المراهقة والشباب	PSY 210	3
	315	PSY	علم النفس الكلينيكى	PSY 210	3
	140E	GED	أساسيات الإبتكار وريادة الأعمال	لا يوجد	3
15					
الفصل الدراسي السادس	330	PSY	علم النفس التنظيمى	PSY 300	3
	340	PSY	علم النفس التربوى	PSY 300	3
	320	PSY	علم النفس المجتمعى	PSY 300	3
	385	PSY	علم نفس الأطفال والشباب والراشدين غير العاديين	PSY 260 / PSY 380	3
	XXX	PSY	التخصص العام الاختيارى (1)		3
15					
الفصل الدراسي السابع	405	PSY	المخدرات والسلوك	PSY 285 / 315	3
	415	PSY	علم النفس الاجتماعى التطبيقى	PSY 300	3
	425	PSY	علم نفس الصحة	PSY 260/300	3
	430	PSY	ورقة بحثية فى التربية والتعليم	PSY 200/340	3
	XXX	XXX	الاختيارات الحرة (2)		3
15					
الفصل الدراسي الثامن	431	PSY	ورقة بحثية فى العلوم السلوكية والعصبية المعرفية	PSY 200, 210, 290	3
	485	PSY	علم النفس البيئى والحركى	PSY 320	3
	499	PSY	مشروع التخرج	PSY 430	3
	XXX	PSY	اختيار التخصص العام (2)		3
	XXX	XXX	الاختيارات الحرة (3)		3
15					
إجمالى الساعات المعتمدة للبرنامج					**123**

22.11.3 برنامج بكالوريوس الآداب في علم الاجتماع التطبيقي BA in Applied Sociology (Arabic)

الوصف:

علم الاجتماع التطبيقي هو أحد البرامج الجديدة المطروحة في الجامعة، والذى يهدف الى تحقيق رؤية الجامعة ورسالتها القائمة على التوجهات الاستراتيجية للتعليم العالى فى دولة الامارات العربية المتحدة من حيث الإسهام فى تطوير الفكر الإنساني والمساهمة فى خدمة المجتمع. ويعد علم الاجتماع التطبيقي أحد أهم الفروع فى علم الاجتماع إذ يستخدم الأدوات الخاصة بعلم الاجتماع فى اجراء بحوث تقويمية أو العمل فى مجال حل المشاكل فى البيئات التنظيمية وذلك عن طريق النظريات الاجتماعية ونتائج بحوثها.

يتركز المنهج الدراسي على تعزيز كفاءات محددة لدى الطلاب في دائرة الممارسة المهنية لعلم الاجتماع والاجتماع التطبيقي، وهذه الكفاءات تم تحديدها في إطار التعليم الجامعي من قبل هيئة الإمارات للمؤهلات، وتؤكدها البرامج الدراسية القائمة في الدولة وخارجها. وتشمل هذه الكفاءات محاور تتعلق بالمعرفة والمهارات وبالتفكير التحليلي والنقدي، واستخدام تكنولوجيا المعلومات والاتصالات، واحترام التنوع الثقافي والإنساني، ومهارات الاتصال، ومهارات القيادة، ومهارات حل المشكلات، وغيرها.

المزايا:

يهدف البرنامج إلى تخريج وإعداد أرباب هذه المهنة وهم الأخصائيون الاجتماعيون، وذلك طبقا لقواعد أسس علمية حديثة تتفق مع طبيعة المجتمعات المتطورة.

فرص التوظيف:

يحصل الخريجون على فرص توظيف في الميادين التالية:

تم تصميم برنامج بكالوريوس الآداب فى علم الاجتماع التطبيقي ليزود الطلاب بخلفية متخصصة فى مجال عملهم، وإعدادهم لشغل الوظائف فى المجالات التى تعنى بذلك على سبيل المثال لا الحصر البرامج التنموية والتقويمية، وتحليل السياسات الاجتماعية والأمنية والبحث والصحة والجريمة والإدمان والمسنين والمرأة وهى مجالات وتخصصات تحتاجها المؤسسات الاجتماعية في كلا القطاعين العام والخاص.

مدة الدراسة: 4 سنوات (8 فصول)

الساعات المعتمدة: 123 ساعة

الدرجة العلمية الممنوحة: درجة البكالوريوس

البداية: يمكن للطلاب الإلتحاق بالبرنامج من بداية فصل الخريف والربيع والصيفي

a) مخرجات البرنامج التعليمية (Program Learning Outcomes)

1. يحدد المبادئ الأساسية لمفاهيم علم الإجتماع في المجتمع الإماراتي بصفة خاصة والعربي بصفة عامة.
2. يطبق التشريعات الخاصة بالمبادئ الأساسية المختلفة في علم الاجتماع.
3. يحلل الظواهر الاجتماعية من خلال تطبيق المعارف والمهارات المكتسبة في مجالات البحث الإجتماعي.
4. يقدم الحلول المناسبة للمشكلات والظواهر الإجتماعية.
5. يكون قادراً على إعداد الخطط الإجتماعية.
6. يتعامل بفعالية مع الأفراد والجماعات ومختلف الشرائح الإجتماعية لتمكنه للعمل كقائد في مختلف وحدات العمل الإجتماعي.
7. يقوم بكتابة البحوث العلمية وفق منهجية البحث العلمي في مجال الإجتماع التطبيقي .
8. يصمم البحوث الإجتماعية الكمية والوصفية متبعاً المراحل المختلفة المتبعة في البحوث الإجتماعية

b) العلاقة بين مخرجات البرنامج ومصفوفة منظومة المؤهلات الإماراتية(PLOs with QF-Emirates)

PLOs	Knowledge	Skills	Aspects of Competence		
			Autonomy & Responsibility	Role in Context	Self-Development
PLO1	✓				
PLO2	✓				
PLO3		✓			
PLO4		✓			
PLO5		✓			
PLO6			✓		
PLO7				✓	
PLO8					✓

هيكل برنامج بكالوريوس الآداب فى علم الاجتماع التطبيقي

م	المساقات	الساعات المعتمدة		
		إجبارية	اختيارية	إجمالي
1	متطلبات جامعية	21	6	27
2	متطلبات إجبارية للبرنامج	78	12	90
3	مساقات حرة	-	6	6
الإجمالى		**99**	**24**	**123**

متطلبات الجامعة [General Education Courses - 27 Credits]

رمز المساق			اسم المساق	المتطلبات المسبقة	الساعات المعتمدة
مساقات إجبارية (21 ساعة معتمدة)					
161	LNG		لغة إنجليزية 1	لايوجد	3
162	LNG		لغة إنجليزية 2	LNG 161	3
198E	GED		الثقافة الإسلامية	لايوجد	3
195	MTH		الإحصاء التطبيقي	إختبار تحديد مستوى في الرياضيات أو MTH 011	3
101	GED		تطبيقات في برمجيات الحاسوب	لايوجد	3
141	ENT		أساسيات الإبتكار وريادة الأعمال1	لايوجد	2
142	ENT		أساسيات الإبتكار وريادة الأعمال2	ENT 141	1
199E	GED		مجتمع دولة الإمارات العربية المتحدة	لايوجد	3
العلوم الإنسانية (03 ساعات معتمدة) : يجب أن يختار الطالب مساق واحد من المساقات التالية					
110E	GED		تقدير الفن الحديث	لايوجد	3
196E	GED		مهارات التواصل باللغة العربية 1	لايوجد	3
111	GED		تقدير الموسيقى والتواصل	لايوجد	3
252E	GED		التفكير النقدي	LNG 162	3
العلوم والتكنولوجيا (03 ساعات معتمدة) : يجب أن يختار الطالب مساق واحد من المساقات التالية					
100	BIO		توحيد عمليات الحياة	لايوجد	3
125E	GED		النظم الإيكولوجية وصحة الإنسان	لايوجد	3
132E	GED		العلم والتكنولوجيا في المجتمع	لايوجد	3

متطلبات البرنامج الإجبارية (78 ساعة معتمدة)

رمز المساق	اسم المساق	المتطلب السابق	ساعة معتمدة
SOC 100	مقدمة في علم الاجتماع	لا يوجد	3
SOC 105	مقدمة في علم الانثروبولوجيا	لا يوجد	3
SOC 110	مقدمة في الخدمة الاجتماعية	SOC 100	3
SOC 115	مناهج وتصميم البحوث الاجتماعية	SOC 250	3
SOC 205	علم الاجتماع الحضري	لا يوجد	3
SOC 210	مشكلات اجتماعية	SOC 110	3
SOC 215	علم الاجتماع التربوي	لا يوجد	3
SOC 220	علم اجتماع السكان	لا يوجد	3
SOC 230	علم الاجتماع وقضايا البيئة	لا يوجد	3
SOC 240	علم الاجتماع الجنائي	لا يوجد	3
SOC 250	الإحصاء الاجتماعي	MTH 195	3
SOC 315	علم اجتماع ومشكلات الأسرة	SOC 100	3
SOC 320	علم اجتماع الطفولة	SOC 315	3
SOC 325	علم اجتماع العمل والسلوك التنظيمي	SOC 220	3
SOC 340	علم الاجتماع القانوني	SOC 240	3
SOC 345	مهارات الممارسة الاجتماعية	لا يوجد	3
SOC 350	علم النفس الاجتماعي	لا يوجد	3
SOC 355	التوجيه والإرشاد النفسي والاجتماعي	لا يوجد	3
SOC 360	إدارة المؤسسات الاجتماعية	SOC 325	3
SOC 400	تخطيط وتنفيذ مشروعات التنمية المجتمعية	لا يوجد	3
SOC 405	الحماية الاجتماعية للفئات الأولى بالرعاية	لا يوجد	3
SOC 410	علم الاجتماع الرقمي	لا يوجد	3
SOC 425	الأبعاد الاجتماعية والنفسية للتطرف	لا يوجد	3
SOC 430	حلقة بحث (سمنار) في مجال الاجتماع التطبيقي	لا يوجد	3
SOC 435	التدريب الميداني	اكمال 90 ساعة معتمدة	3
SOC 440	مشروع التخرج في علم الاجتماع	SOC 115 & SOC 210	3

المتطلبات الاختيارية لتخصص الاجتماع التطبيقي (12 ساعات معتمدة): يختار الطالب عدد 4 مساقات من القائمة التالية:

رمز المساق	اسم المساق	المتطلب السابق	ساعة معتمدة
APS 405	قضايا معاصرة في علم الاجتماع	SOC 105	3
APS 410	الخدمة الاجتماعية المدرسية	لا يوجد	3
APS 415	علم الاجتماع الطبي	لا يوجد	3
APS 420	دراسات النوع الاجتماعي	لا يوجد	3
APS 425	السياحة والمجتمع	لا يوجد	3
APS 440	علم اجتماع الإدمان	SOC 355	3
APS 445	علم الاجتماع الاقتصادي	لا يوجد	3
APS 450	دراسات الثقافة والتراث	لا يوجد	3

المساقات الحرة (6) ساعات معتمدة.

يختار الطالب عدد (2 مساق) من المساقات المطروحة من قبل أي قسم من أقسام كليات الجامعة.

الخطة الدراسية لبرنامج بكالوريوس الآداب في الإجتماع التطبيقي

الفصل الدراسي	رمز المساق	المساق	المتطلب السابق	الساعات المعتمدة
الأول	LNG 161	اللغة الانجليزية (1)	لا يوجد	3
	GED XXX	اختياري من مجموعة العلوم والتكنولوجيا	لا يوجد	3
	GED 198	الثقافة الإسلامية	لا يوجد	3
	SOC 100	مقدمة في علم الإجتماع	لا يوجد	3
	GED 101	تطبيقات في برمجيات الحاسوب	لا يوجد	3
إجمالي الساعات المعتمدة				15
الثاني	GED XXX	اختياري من مجموعة الإنسانيات	لا يوجد	3
	LNG 162	اللغة الإنجليزية (2)	LNG 161	3
	MTH 195	الإحصاء التطبيقي	إختبار تحديد مستوى في الرياضيات أو MTH 011	3
	110 SOC	مقدمة في الخدمة الإجتماعية	SOC 100	3
	GED 199	مجتمع دولة الامارات العربية المتحدة	لا يوجد	3
إجمالي الساعات المعتمدة				15
الثالث	SOC 250	الإحصاء الاجتماعي	MTH 195	3
	SOC 105	مقدمة في علم الانثروبولوجيا	لا يوجد	3
	SOC 205	علم الاجتماع الحضري	لا يوجد	3
	SOC 210	مشكلات اجتماعية	SOC 110	3
	SOC 215	علم الاجتماع التربوي	لا يوجد	3
إجمالي الساعات المعتمدة				15
الرابع	SOC 220	علم اجتماع السكان	لا يوجد	3
	SOC 230	علم الاجتماع وقضايا البيئة	لا يوجد	3
	SOC 240	علم الاجتماع الجنائي	لا يوجد	3
	SOC 115	مناهج وتصميم البحوث الإجتماعية	SOC 250	3
		اختياري حر 1		3
إجمالي الساعات المعتمدة				15
الخامس	SOC 315	علم الاجتماع ومشكلات الأسرة	SOC 100	3
	SOC 320	علم اجتماع الطفولة	SOC 315	3
	SOC 325	علم اجتماع العمل والسلوك التنظيمي	SOC 220	3
	SOC 340	علم الاجتماع القانوني	SOC 240	3
	GED 140	أساسيات الإبتكار وريادة الأعمال	لا يوجد	3
	APS xxx	متطلب تخصص اختياري (1)		3
إجمالي الساعات المعتمدة				18
السادس	XXX xxx	اختياري حر 2		3
	SOC 360	إدارة المؤسسات الإجتماعية	SOC 325	3
	SOC 345	مهارات الممارسة الاجتماعية	لا يوجد	3
	SOC 350	علم النفس الاجتماعي	SOC 315	3
	SOC 355	التوجيه والإرشاد النفسي والاجتماعي	لا يوجد	3
إجمالي الساعات المعتمدة				15
السابع	SOC 400	تخطيط وتنفيذ مشروعات التنمية المجتمعية	لا يوجد	3
	SOC 405	الحماية الاجتماعية للفئات الأولى بالرعاية	لا يوجد	3
	SOC 410	علم الاجتماع الرقمي	لا يوجد	3
	APS xxx	متطلب تخصص اختياري (2)	لا يوجد	3
	SOC 430	حلقة بحث (سمنار) في مجال الاجتماع التطبيقي	لا يوجد	3
إجمالي الساعات المعتمدة				15
الثامن	SOC 425	الأبعاد الاجتماعية والنفسية للتطرف	لا يوجد	3
	APS xxx	متطلب تخصص اختياري (3)	لا يوجد	3
	SOC 435	التدريب الميداني	اكمال 90 ساعة معتمدة	3
	SOC 440	مشروع التخرج في علم الاجتماع	SOC 115 & SOC 210	3
	APS xxx	متطلب تخصص اختياري (4)	لا يوجد	3
إجمالي الساعات المعتمدة				15
إجمالي الساعات المعتمدة للبرنامج				123

23 Internship

The student internship may be a required part of the program curriculum. Whenever it is part of the program, the purpose of an internship is to provide Canadian University Dubai students with an opportunity to have professional work experience in a setting related to the student's major, program objectives, and career goals. An internship is a way for students to gain practical, on the-job experience in business, industry, or governmental agencies. Canadian University Dubai considers student internships as an important bridge between students and the careers that they are studying to enter. Simultaneously, an internship introduces public and private organizations to students that might fit their field of interest, skills, and training for possible future placement.

23.1 Place of Internship

The internship place will be approved by Canadian University Dubai Internship Office so that it matches the area of specialization of the internee and meets the program's internship objectives and requirements.

In the case of students who are already working in an organization, the place of internship is decided based on the following features:

- If the current work and job specification coincide with the intern's area of specialization, then the current place of employment will be chosen for the internship, and the employer in charge of the internee will have to function as the field supervisor; he or she will need to supervise a well-defined internship project to ensure that the internee not only applies the concepts learned but also that the work place benefits from the internee's project.
- If the current work and job specification do not match the internee's area of specialization, then the internee should switch to an alternative department in the same firm or transfer to another firm which offers appropriate internship opportunity matching the area of specialization, chosen by the Internship Office.

It is the Internship Office's responsibility to place students according to Canadian University Dubai's internship regulations. Students should refer to the Internship Manual available at the Student Services office for more information.

23.2 Requirements and Guidelines for Internship

A student applying for internship should fulfill the following requirements:

i. Have completed all the credit hours required as stipulated in the program study plan.
ii. Satisfy the minimum Passing Actual Cumulative GPA. Students should refer to their program passing GPA requirements.
iii. Adhere to both the training guidelines and regulations of the organization providing the internship.
iv. In case the number of qualified candidates exceeds that of openings available, priority will be given to the candidates with the highest GPAs. Moreover, these openings will be distributed amongst the programs according to the assigned percentages.
v. In case a student cannot be placed by the University, the University is open to allow students to propose an organization for internship. Thus the University encourages all students to take initiatives in finding appropriate placements to help the University guarantee internship for everyone.

No exceptions are permitted under any circumstances in any of the aforesaid requirements for internship.

23.3 Absences During Internship

A failure grade (FA) will be automatically assigned If a student is absent for four (4) working days during the Internship program without pre-approved justification.

23.4 Evaluation

The academic supervisor discusses the student's weekly report with the student, as well as with the field supervisor to ascertain to what extent the intended goals of the Internship program have been met.

The field supervisor prepares an evaluation report detailing the presence, performance, seriousness, and commitment of each student.

The academic supervisor evaluates the performance of each student during the internship period relying on the student's and field supervisor's weekly reports and also evaluates the organization providing the internship.

The academic supervisor is responsible for assigning a pass/fail grade for each student based upon each student's overall performance. A pass grade is assigned when the evaluations of the academic supervisor and field supervisor are both satisfactory. In this case, the course credits will be granted to the student without affecting the CGPA.

23.5 Overall Objectives for Academic Departments

Each academic program has specific learning objectives and has set up its own goals for the internship, specifying the training program that fits students and program goals. Each Department makes available to the students through the Student Affairs Office the following:

- Internship Manual;
- Specific internship goals;
- List of public and private organizations with appropriate consultants for internship;
- Knowledge and skills to be gained by the trainees at the end of the internship period;
- Evaluation techniques used to assess the trainee's progress; and,
- Specific requirements and guidelines if available.

23.6 Role of Student Affairs Office in Internship Placement Process

Internships integrate the academic theoretical environment with real-life practice through a carefully monitored effort that requires the close cooperation between the academic supervisor and the field supervisor. The Student Affairs Office also plays a crucial role in coordinating the internship placement.

The role of the Student Affairs Office concerning internships is to:

- Contact organizations to seek and ensure internship opportunities.
- Assess these organizations with faculty members from the Departments to examine the training programs available as well as the potential and capabilities of these organizations in term of structure, staff and resources.

- Provide guidelines to students to be followed and the duties to be performed by them during the training period.
- Set up an introductory visit for the student at the training site before the beginning of the internship program.
- Follow-up the program during the training period with the collaboration of the academic and field supervisors.
- Create a file for each student and send it to the participating organization in the internship before the training period. This file should contain: student's transcripts; a copy of the student's passport; student's curriculum vitae; and, the student's training program.

23.7 Monitoring of the Internship Program

A list of students who are nominated for an internship is provided by the Office of the Registrar according to the requirements and guidelines for internship before the end of the registration period. Students are required to complete an Internship Registration form available at the Student Affairs Office.

Next, the academic advisor is required to make an introductory visit to the companies providing internship (if possible with the concerned student) one week prior to the start of the internship program, meet the field supervisor to discuss the internship goals and objectives and develop the company tentative internship plan of activities that the student will undertake during his internship program.

The Student Affairs Office, with the coordination of each Department to organizes an internship workshop a minimum one week prior to the start of the internship program during which the academic advisor explains to the internists the internship goals, requirements, benefits and the evaluation policies. In addition to answer all academic issues related questions raised by internists. The Student Affairs Office representative provides the internship students with the following documents:

- Internship tasks schedule.
- Letter of notification including the necessary details regarding the internship placement.
- Internship forms to be used during the internship program.

The academic advisor is required to provide the Student Affairs Office with weekly visit schedule to the internship sites. The academic supervisor, in coordination with the field supervisor will follow-up the student’s training progress on the site.

23.8 Internship Regulations for Students

All students are expected to comply with the following:

- Act in a professional manner consistent with the regular employees of the company;
- Comply with all rules and regulations of the workplace;
- Attend the workplace according to its normal working hours;
- Attend all training sessions;
- If a student is absent for four (4) working days of the internship program without approved justification, a failure grade (FA) will be automatically assigned;
- Carry out all legitimate duties assigned by the field supervisor;
- Demonstrate a spirit of cooperation with his/her supervisor and other employees;

- Sit with the academic advisor during each weekly visit to provide him/her with the weekly report and discuss the weekly activities accomplished;
- Demonstrate professionalism and appropriate work ethics;
- Show confidence, take initiative and maintain confidentiality;
- Accept criticism and take responsibility for work submitted;
- Be a team player – this is another opportunity to acquire new skills; and,
- Respect and appreciate people of different culture, race, religion and ethnicity.

To ensure that all parties understand the rules and policies that govern the internship, the University invites all its students to familiarize themselves with the Internship Student Manual handed over along with the Student Handbook and Student Catalog at the time of registration and found on Canadian University Dubai website at www.cud.ac.ae

23.9 Remote Internship Policy

a) Purpose

To outline CUD's procedure for validating internships, which can be completed remotely in the UAE or abroad.

b) Scope

Statement on the mode of completion of the internship must clearly specify whether it can be complete remotely or onsite.

c) Policy Statement

- The academic department must specify in all documents related to the program the authorized modes of internship completion.
- Internship Office and the Academic Department approves the offered internship seat only if it is relevant to the internee's area of specialization and meets the program's internship learning outcomes.
- Internship Registration form must include the mode of completion
- A student applying for internship should fulfill the following requirements:
  i. Agrees to conduct his/her internship using the mode, which is made available through the Internship Office,
  ii. Has completed all the credit hours required as stipulated in the program study plan,
  iii. Satisfies the minimum cumulative GPA, which is required for internship registration,
  iv. Meets the guidelines and regulations set by the organization offering the internship,
  v. In the event that there is more than one qualified candidate for an available opening, preference will be given to the student having the highest GPA,
- For online Internships, a working day consists of the normal number of daily working hours of FT staff of the organization at which she/he is completing the internship.

d) Evaluation

- The academic supervisor will meet the student to discuss their weekly report and with the field supervisor to keep track of the progress and ensure the objectives of the internship program are being achieved. These meetings can be held either onsite or remotely.

- A comprehensive evaluation report will be submitted by the field supervisor focusing on each student's performance, attitude and virtual or in-person presence.
- Based on the weekly reports submitted by the student and the field supervisor, the academic supervisor will assess each student's performance, in addition to evaluating the organization hosting the student.
- A pass/fail grade will be assigned by the academic supervisor based upon each student's overall performance. A pass grade is given when the academic and field supervisor's assessments are satisfactory. If the student passes, the course credits will be granted to the student without affecting the GPA.
- Absenteeism of four (4) working days during the internship without prior approval, will automatically result in a failure of grade (FA).
- 'F' or 'I' Grade will be assigned, if the student does not complete his/her internship before the end 8th week of the next academic semester.

e) Role and Responsibilities

- **Role of Student Affairs Office Concerning Internships is to:**
  i. Identify and reach out to organizations to partner and secure onsite and online internship opportunities.
  ii. Ensure the organizations are in line with CUD and have training programs by taking feedback from faculty members from the departments and examine the strengths of the company when it comes to staffing, safety, structure, and resources.
  iii. Provide benchmarks and procedures for that students need to follow and the responsibilities to be fulfilled by them during the training period.
  iv. Coordinate an initial onsite or virtual visit for the student at the place of internship before it begins.
  v. Keep track of the program during the training period while liaising with the academic and field supervisors.
  vi. Send student's transcripts, copy of the passport, the student's resume and training program to the company before the training period.
  vii. Provide a letter of notification to the student, that includes the necessary details regarding the internship placement and its mode of completion.
- **Role and Responsibilities of Academic Departments**
  i. The Head of the Academic Department sends the list of students who are nominated for an internship well in advance prior to the start of the registration period and assign the Internship Supervisor,
  ii. The Internship supervisor must be aware of the acceptable modes (Remotely/Onsite/Hybrid) of completion of the internship,
  iii. At least a week before the internship program commences, the Internship Supervisor organizes a workshop for the assigned internees with focus on the internship goals, requirements, benefits and the evaluation policies,
  iv. The Internship Supervisor is required to organize an onsite/ remote meeting with the field supervisor to introduce the student, discuss the goals and objectives of the internship, and develop the schedule of the internship activities to be undertaking by the student during his remote/onsite/hybrid internship,

v. The Internship Supervisor explains to the student the assessment tools used to evaluate the trainee's progress.

- **Roles and Responsibilities of Students**

  As per CUD policy, all students must adhere to the following:

  i. Professional Conduct as expected from the regular employees of the company,
  ii. Adhere to all rules and regulations of the company,
  iii. Be present at work either remotely or onsite during normal working hours,
  iv. Attend all training sessions,
  v. Carry out all legitimate duties assigned by the field supervisor,
  vi. Demonstrate a spirit of cooperation with his/her supervisor and other employees,
  vii. Meet with the Academic Advisor (Remotely/Onsite) during each weekly visit, to him/her to discuss the weekly activities accomplished,
  viii. Be a professional and demonstrate appropriate work ethics,
  ix. Display confidence, respect confidentiality and take initiatives,
  x. Receive criticism and take ownership for work submitted,
  xi. Recognize the importance of teamwork as an opportunity to bolster your skills,
  xii. Respect and appreciate people of different culture, race, religion and ethnicity.

24 Study in Canada and Abroad

24.1 Transfer to Canada

Providing a portal to Canadian education is the main goal of Canadian University Dubai, and you as our student have plenty of options to choose from.

Our Canadian pathway partners span from one coast of Canada to the other – that's over 5,000km! And we are constantly adding new partnerships and articulation agreements – giving you, our students, a lot of Canadian education options to explore.

Beyond our formal partnerships, we are highly recognized and well-reputed in Canada, and many of our students have transferred their credits to study at top Canadian institutions such as the University of Toronto, McGill University and the University of British Columbia.

With a range of higher education institutions across Canada as our established partners, Canadian University Dubai offers you multiple opportunities to broaden your horizons:

- You can transfer to Canada for the last one or two years of your degree to one of our transfer partner institutions, wherein your credits earned at Canadian University Dubai will be transferred, enabling you to complete your degree in Canada.
- You can incorporate a period of Canadian-based study in your degree.
- You can spend an academic semester in Canada then return to the UAE to complete your degree with us at Canadian University Dubai.
- You can participate in a summer study program to enhance your English language skills and learn about Canadian history and culture.
- You can participate in an exchange program with one of our student exchange partner universities.
- Or you can explore our range of other study abroad options.

Benefits of Choosing the Transfer Option

- **Lower total cost:** If you choose to study at Canadian University Dubai for the first one or two years, you do not have to pay the costs of housing and living in Canada for the first part of your education.
- **Stay with family and friends for an additional year or two to gain maturity:** It is challenging for an 18 or 19-year-old, fresh from high school, to transfer to a foreign university halfway across the world. Studying at Canadian University Dubai for the first one or two years allows students the chance to mature before making the transition.
- **An easier transition to Canadian education:** Making the transition from one educational system to another can be difficult, and we aim to make the transition easier at Canadian University Dubai. Our programs are based on the Canadian curriculum and our multinational faculty are familiar with the learning preferences and styles in the region. They help students adjust to the Canadian standards and approaches, preparing them for the transition to an institution in Canada.
- **A proven track record and acceptance of Canadian University Dubai credits at Canadian universities:** Our University has formal agreements with a wide range of universities and degree granting colleges confirming transfer options and arrangements.

24.2 Eligibility to Work in Canada

By transferring to Canada to complete your degree, you become eligible for the Post Graduate Work Permit Program. This allows a graduate with Canadian credentials to secure a work permit for up to 3 years. This program also helps graduates qualify for permanent residency.

For more information, please contact our transfer to Canada coordinator at apply@cud.ac.ae

https://www.cud.ac.ae/international-education/study-canada/other-study-abroad-options

24.3 Your Study Abroad Options

In addition to our formal agreements partner institutions, many highly rated universities in Canada and other parts of the world, recognize the credits earned at Canadian University Dubai and have admitted our students for further study. At Canadian University Dubai, we help open the door to educational progress for you, anywhere in the world.

Centennial College - Ontario
Transfer program in Information Technology (Computer and Communication Networks). A Canadian based Community College located in Toronto, Ontario, Centennial College provides training courses for students of all backgrounds

Ryerson University - Ontario
Transfer program in Bachelor of Creative Industries - FCAD. Ryerson University is a leader in innovative, career-focused education, with a long-standing commitment to engaging its community. A culturally diverse and inclusive institution, Ryerson is home to over 38,000 students across 100 undergraduate and graduate programs.

Queen's University - Ontario
Transfer program in Bachelor of Computing in Biomedical Computing, Cognitive Science, Computer Science, Computing and Mathematics, Software Design. Queen's University is a public research university located in Kingston, Ontario. It is one of Canada's oldest degree-granting universities, renowned for tradition, academic excellence, research, and a beautiful waterfront campus with modern facilities.

University of New Brunswick - New Brunswick
Transfer program in Business Administration. Established in 1785, the University of New Brunswick is Canada's oldest English-speaking university that offers up to PhD level study across a broad range of academic fields

University of Ontario Institute of Technology - Ontario
Transfer program in Communication & Digital Media Studies, Forensic Psychology. Located in Oshawa, Ontario, the University of Ontario Institute of Technology offers many unique career-focused undergraduate and graduate programs within a high-tech learning environment.

Brock University - Ontario
Transfer program in Communications, Popular Culture and Film. Located in the beautiful Niagara region of Southern Ontario, Brock University offers up to PhD level studies across a broad range of academic disciplines

Vancouver Island University - British Columbia
Transfer program in Interior Design (The Council for Interior Design Accreditation – CIDA), Business Administration. Having three campuses across pristine Vancouver Island, Vancouver Island University offers an enriched and intellectually stimulating environment for students and employees.

University of Prince Edward Island - Prince Edward Island
The University of Prince Edward Island is a public liberal arts and science institution committed to encouraging and fostering critical, creative, and independent thinking. Established in 1969, it has developed a growing reputation for research, innovation and academic excellence.

Lawrence Technological University -Michigan, USA
Transfer program in Architecture (National Architecture Accrediting Board - NAAB). Lawrence Technological University is located in Southfield, Michigan, USA. It offers a range of undergraduate and graduate programs in Engineering, Architecture, Science, Mathematics and Business.

Niagara College Canada - Ontario
Transfer program in Bachelor of Applied Business Degree in International Commerce & Global Development, Bachelor of Applied Business Degree in Hospitality Operations Management Degree. Located in the famous Niagara Falls region of Ontario, Niagara College is a degree granting college with innovative applied programs in many fields including health and tourism.

Douglas College – British Columbia
Transfer program in Financial Services and Administration. With over 35 years of experience offering academic and career programs in Greater Vancouver, British Columbia, Douglas College offers bachelor's degrees, general university arts and science courses and is a recognized leader in career programs.

Wilfrid Laurier University - Ontario
Transfer programs in Bachelor of Arts in Psychology, Bachelor of Social Work. For more than a century, Wilfrid Laurier University has been known for academic excellence. Laurier's two campuses are in Waterloo and Brantford, and they also have a Faculty of Social Work in Kitchener and a weekend MBA program in Toronto.

University of Lethbridge -Alberta
Transfer program in Management. Founded in Lethbridge, Alberta, the University of Lethbridge offers undergraduate and graduate programs where inspired teaching is emphasized within a personalized interactive learning environment.

Lakehead University - Ontario
Transfer programs in Forestry, Honors Bachelor of Commerce. Located in Thunder Bay, Ontario, Lake Head is an inclusive University recognized for its innovative programs and cutting-edge research.

Honk Kong Baptist University – Hong Kong
Hong Kong Baptist University encompasses eight Faculties/Schools offering a range of undergraduate programmes, associate degree and higher diploma programmes as well as taught postgraduate programmes and research postgraduate programmes leading to the award of master and doctoral degrees.

http://www.cud.ac.ae/international-education/study-canada/exchange-partners

24.4 Frequently Asked Questions

WHICH COUNTRIES AND CITIES CAN I TRANSFER TO?

CUD has a great track record in transferring students to partner and non-partner universities across the world. Students should meet the admission criteria of the chosen university, and the program chosen should be similar to the one provided at CUD.

CUD has credit recognition agreements with institutions in Canada, please contact our international education office or visit http://www.cud.ac.ae/international-education/study-canada.

WHAT ARE THE REQUIREMENTS?

Each university in Canada has its own policy regarding admission requirements – students should meet the admission criteria such as the CGPA, Language requirement, course pre-requisites per individual school guidelines. In essence, it is a case by case basis. Contact our international office directly for all the admission requirements of the program you're interested in.

WHAT ARE THE FEES?

Studying abroad can be expensive, but Canada offers the lowest tuition rates for foreign students compared to the U.K., Australia, New Zealand and the U.S.

This means you can pursue your studies in a globally recognized program of your choice at one of Canada's top universities for nearly half of what it would cost to attend an equally reputable program at a private U.S. university.

Tuition fees ranges from 15000$ to 35000$ CAD per academic year.

WHAT ARE THE ACCOMMODATION AND LIVING EXPENSE COSTS?

Many institutions have accommodation located on or near campus. Dorms generally have a shared kitchen, bathroom, and laundry facilities. Some offer optional meal plans.

If you choose to live off-campus, prices may be lower but will include the additional cost of furnishings, hydro, electricity and/or other miscellaneous expenses.

Rent can depend on the location. Expect to pay from 400-1500 CAD per month, depending on the city.

ARE THERE ANY SCHOLARSHIPS AVAILABLE?

A variety of programs and funding is available to non-Canadians who want to study in Canada. For more information on specific scholarships, consult the website of the Canadian embassy or consulate responsible for your country.

The majority of Canadian universities offer some form of financial assistance for international students studying at the graduate level. Assistance may include:

- Teaching/Department Assistantships
- Research Funds
- University Graduate Scholarships
- External Scholarships
- Bursaries

N.B.: The value of these awards will vary significantly by department as well as by institution. International students may also qualify for Canadian government financial assistance or external scholarships.

CUD DOES NOT OFFER TRANSFERRING STUDENTS SCHOLARSHIPS.

Canadian governmental organizations offer students scholarships based on family academic grades, nationality, income and situation. Students are welcome to research online through https://w03.international.gc.ca/scholarships-bourses/scholarshipnoncdn-boursenoncdn.aspx?lang=eng to view which government scholarship they may be entitled to (per nationality basis).

CAN I OBTAIN CITIZENSHIP IN CANADA?

To work in Canada after you graduate, you can apply to have your student visa transferred to work permit, under the Post-Graduation Work Permit Program (PGWPP). If you want to stay in Canada as a permanent resident after you graduate, there are a number of programs available, each with its own requirements please visit http://www.cic.gc.ca/english/study/work-postgrad.asp;

It is currently easier to become a Canadian citizen through studies in Canada than it is as a refugee or immigrant.

WHAT IS THE MIN. CUD TRANSFER GPA FOR PARTNER UNIVERSITIES/NON-PARTNER UNIVERSITIES?

Admission is competitive. In the past, the average for admission has ranged from a 3.0 CGPA to a 3.90 CGPA depending on the program and university chosen.

MINIMUM CUD IELTS / TOEFL SCORES

Generally, we advise students to pursue an IELTS exam score as it is an international standardized score.

The table below demonstrates the minimum requirements; some programs may require a higher score. Please contact the international education office for more information (Institutional TOEFL is NOT accepted).

TEST Minimum Score - Admission	TEST Minimum Score - Admission
TOEFL Test of English as a Foreign Language	237 (Computer-based) - 90 (iBT) and no lower than 20 in each band
IELTS International English Language Testing System	6.5 overall and no lower than 6.0 in each band
MELAB Michigan English Language Assessment Battery	81
CAEL Canadian Academic English Assessment	70

VISA PROCESSING:

VISA application needs to be completed in person or online by the student – as per Canadian laws and regulations. For the complete information, please visit information.http://www.cic.gc.ca/english/resources/publications/study.asp

FLIGHT DISCOUNTS – DOES CUD OFFER FLIGHTS OR HELP WITH BURSARIES FOR THE COSTS OF TRAVELS?

No – CUD cannot assist students wishing to transfer to Canada through discounts, bursaries and scholarships. However, students can liaise with their university of choice, as some universities do provide discounted flights for international students.

CAN A STUDENT RE-TRANSFER BACK CREDITS TAKEN AT A FOREIGN UNIVERSITY IF THEY CHOOSE TO COME BACK AND COMPLETE THEIR DEGREE AT CUD?

Yes – so long as the courses taken at the university fit into CUD's programs, please get in touch with your academic advisor for more information.

WHAT PROGRAMS ARE COMPATIBLE BETWEEN CUD AND PARTNER UNIVERSITIES?

Please refer to our website for all the agreements: http://www.cud.ac.ae/international-education/study-canada

WILL STUDENTS LOSE ANY CREDITS AND/OR YEARS IF TRANSFERRING TO A PARTNER UNIVERSITY?

Some transfer credits granted may not fit into a degree dependent on the program of choice. New students should make an appointment with the international education office. This is dealt with on a case-by-case basis.

CUD can only make recommendations and guide the student wishing to transfer – however students need to understand that the partner university may not approve all of the credits and may ask the student to retake a credit from a lower year or prerequisite.

24.5 Summer Study Abroad Opportunities

Several of our faculty members have taken an entire class abroad to deliver a Canadian University Dubai course while exposing the class to a foreign country and its culture. These Study Abroad courses are usually offered in the summer time and may combine class time at our campus in Dubai with overseas delivery or the courses may be delivered entirely overseas.

Architecture courses or educational study trips have been offered in Germany and Italy.

Many of our partners have the capacity to provide local support to such initiatives. These can include airport pickup, residence and meal plans, guest lectures, cultural and social tours etc. If you are a student and are interested in taking part in such a course, speak to the Leader of your program.

24.6 Student Exchange Programs

A short-term international educational experience can be a life changing event. Canadian University Dubai has student exchange programs with the following universities:

- Mount St Vincent University (Halifax, Canada)
- University of the Fraser Valley (Abbotsford, BC, Canada)
- Girne American University (Northern Cyprus and Canterbury, United Kingdom)
- ESC-TROYES, (Troyes, France)

Under this program you may visit a partner university for one or two terms. You will take courses at the partner university and those credits will be transferred back to your program at Canadian University Dubai. You will pay regular tuition fees to Canadian University Dubai.

Admission is on a competitive basis. You must be in good academic standing and have completed 30 credits prior to departure in order to be admitted. The program is open to students enrolled in all of our academic programs.

To apply you must submit your transcript along with one letter of recommendation from a faculty member, and a short statement indicating the reason you wish to participate in the program.

You will meet with an academic advisor prior to departure in order to select courses that ensure that the credits you earn are accepted as towards your Canadian University Dubai degree.

Proof of Health Insurance and a Release of Liability form are mandatory.

To find out more about these opportunities, or to apply please contact us at: studyabroad@cud.ac.ae.

25 Centre for Continuing Education and Life Long Learning

25.1 Continuing Education

- English Placement Testing
- English for Academic Purposes (EAP) Courses
- Intensive English Program (IEP)
- Mathematics for Academic Purposes Courses
- TOEFL / IELTS Testing

25.2 English Placement Testing

Students' enrolling at Canadian University Dubai who do not satisfy the English language proficiency requirements for their program must enroll in an English for Academic Purposes course. All students, irrespective of their level, must provide results of a valid, approved English proficiency exam such as IELTS or TOEFL, or another independent, Ministry-approved English language testing system, before they register. Students who do not supply evidence of an approved English proficiency test result will automatically be placed in the basic level English for Academic Purposes course (EAP – 101).

25.3 English for Academic Purposes (EAP)

a) Background Information

The English for Academic Purposes (EAP) program is provided to students who have the academic credentials to join a university program but have yet to demonstrate that they meet the English language proficiency requirements.

The EAP program is an intensive University level certificate, specifically designed to help you prepare for academic life and achieve the necessary English language standards to progress in our academic programs.

b) EAP Courses

The EAP course you take will depend upon your English language skills at the time of entry. You will need to provide a valid IELTS or TOEFL test score prior to registering for EAP, to ensure that you enter the appropriate program. Without a valid test score, you will automatically be placed in EAP - 101.

The course content for each EAP program is designed to take you from your current level to the corresponding Target IELTS or TOEFL score, in the designated time period, as outlined in the following table.

Program*	Duration in Weeks	Hours per Week	Prerequisite	Target IELTS Score or Equivalent
EAP-101-A (Arabic Stream Communication Students)	6	12	N/A	4.5
EAP - 101	12	15	Below IELTS 4 or TOEFL 400	5.0
EAP - 201	12	10	IELTS 4.0 or TOEFL 400-449	5.0
EAP - 301	6	12	IELTS 4.5 or TOEFL 450-499	5.0
EAP - 401	6	6-9	IELTS 5.0-5.5 or TOEFL 500-550	6.0

**Visit the Non- Credit Course Fee Section for current prices*

c) Program Overview and Learning Outcomes

Our EAP classes are delivered in a friendly, multicultural environment, are student centered, and university-program tailored. Courses are run in conjunction with the University Academic Calendar; please contact the EAP Coordinator for details.

Participants work collaboratively with their instructors and peers to improve their reading, writing, listening and speaking skills in English through a number of up-to-date teaching methodologies. Participants also study academic skills such as note-taking, presentation delivery, and critical thinking. EAP students are encouraged to become involved in University life and to feel part of the learning community.

Unique opportunities for EAP students include:

- A pen pal system with instructors and existing students at Canadian University Dubai to practice fluency in writing.
- Access to the EAP program website and online forum, where additional language practice and class updates are available (i.e. Moodle).
- An extensive reading program for students who enjoy English literature.
- Use of state-of-art resources and technology.

d) Registration

Students can register through the Registration Office. Please contact us directly for more information by calling the recruitment office on +971 (0)4 3219090.

e) EAP Course Descriptions

EAP 101-A: (Arabic Stream Communication Students) Beginner Level - 12 hours per week
This is the start level for students have only a fundamental grasp of the English language. The skills of reading, writing, speaking and listening are all explored in an interactive way. Basic words and phrases are taught in a way that reflects communication in the English language on a day to day basis. The course focuses on simple communication processes. *Prerequisite*: N/A

EAP 101: Basic Level - 15 hours per week

The aim of this level is to improve the four skill areas: reading, writing, speaking and listening. The course will focus on introducing vocabulary, developing basic reading skills of simplified texts, improving listening and conversation skills and introducing the mechanics of writing to develop writing accuracy at the sentence level. ***Prerequisite*:** Below IELTS 4 or TOEFL 400.

EAP 201: Intermediate Level - 10 hours per week

This level focuses on academic preparation in a combined reading/writing course, oral communications and grammar. It also expands the existing proficiency in speaking, writing, reading and listening. Students will build their vocabulary, acquire academic reading strategies and write organized paragraphs and write grammatically correct sentences. ***Prerequisite*:** IELTS 4.0 or TOEFL 400-449

EAP 301: Advanced Level - 12 hours per week

This course will improve the four skill areas with emphasis on reading and writing short essays to prepare students for IELTS or TOEFL exams quickly and efficiently. It will also prepare students to join and succeed in major University courses by developing University level vocabulary and using

various reading strategies through authentic texts to increase reading speed and comprehension. ***Prerequisite***: IELTS 4.5 or TOEFL 450-499

EAP 401: Upper-Advanced Level - 6 to 9 hours per week (72 hours total)

This course is designed to improve the four skill areas of listening, reading, writing and speaking, and prepare students seeking post-graduate studies, such as the MBA, or students seeking university entrance abroad, to achieve a band 6.0 or higher in IELTS or an equivalent score in TOEFL, quickly and efficiently. The course comprises of classroom instruction with an online learning component, designed for optimal results and success. ***Minimum Prerequisite***: IELTS 5.0-5.5 or TOEFL 500-550

25.4 Intensive English Program

a) Program Overview

Our IEP courses are delivered in a friendly, multicultural environment, are student centered, and university-program tailored. Courses are run in conjunction with the University Academic Calendar. Students of all ages, and professional and educational backgrounds, are encouraged to register.

Participants work collaboratively with their instructors and peers to improve their reading, writing, listening and speaking skills in English through a number of up-to-date teaching methodologies. Participants also study academic skills such as note-taking, presentation delivery, and critical thinking. IEP students are encouraged to become involved in University life and to feel part of the learning community. A computer lab component allows students to apply what is taught in classroom, to interactive exercises online.

Unique opportunities for IEP students include:

- A pen pal system with instructors and existing students at Canadian University Dubai to practice fluency in writing.
- Access to the IEP course website and online forum, where additional language practice and class updates are available (i.e. Moodle).
- An extensive reading program for students who enjoy English literature.
- Use of state-of-art resources and technology.
- Certificate of completion upon successfully passing course.

The IEP course you take will depend upon your English language skills at the time of entry. You will need to provide a valid IELTS or TOEFL test score prior to registering for IEP, to ensure that you enter the appropriate program. Without a valid test score, you will be assessed by the Program Coordinator.

b) Registration

Students can register through the Admissions Office. Students will be placed in the appropriate IEP course based on their IELTS or TOEFL score, or assessment by the Program Coordinator. Please contact us directly for more information regarding registration by emailing ConEd@cud.ac.ae or by calling the recruitment office on +971 (0)4 3219090

c) IEP Courses

The following courses are offered:

Program	Course Duration/Days of Classroom instruction per week	Hours per week/class	Pre-requisite	Target IELTS score
IEP 100	15 weeks 5 days/wk (Sun/Mon/Tue/Wed/Thurs)	20 hrs./wk. 4 hrs. per class	Below IELTS 3.0 or TOEFL 300	4.0
IEP 200	15 weeks 5 days/wk. (Sun/Mon/Tue/Wed/Thurs)	20 hrs./wk. 4 hrs. per class	IELTS 3.0-3.5 or TOEFL 300-399	4.5
IEP 300	15 weeks 5 days/wk. (Sun/Mon/Tue/Wed/Thurs)	20 hrs./wk. 4 hrs. per class	IELTS 4.0 or TOEFL 400-449	5.0
IEP 400	15 weeks 5 days/wk. (Sun/Mon/Tue/Wed/Thurs)	20 hrs./wk. 4 hrs. per class	IELTS 4.5 or TOEFL 450-499	5.5

**Visit the Non- Credit Course Fee Section for current prices*

d) IEP Course Description

IEP 100 | Beginner Intensive English

Prerequisite: Below IELTS 3.0/TOEFL 300 or assessment by Program Coordinator.

IEP 100 is for beginner level students who have a basic understanding of the English language. IEP 100 encourages students to think critically and succeed academically. The course approach provides a unique critical thinking framework, that develops key cognitive skills such as analyzing, synthesizing, and evaluating, in addition to developing the language skills essential for academic success, including target exercises in reading, writing, listening, speaking, vocabulary and grammar. Critical thinking approach encourages students to analyze, synthesize, and apply knowledge. Reading and listening texts explore a range of academic subjects. Learning skills sections help students develop important academic skills such as scanning and skimming a text, and using a dictionary. The course includes an interactive online homework practice component, with quizzes and tests. The course also includes a Computer Lab component, in which students study and revise information learnt in classroom, and apply it interactively online. Below is a brief outline of areas covered in the course:

- Read for main ideas/details/descriptive adjectives/simple present/writing sentences to describe personality/listen for details/match definitions/simple present
- Capitalization/punctuation/vocabulary word families/parts of speech/write complete sentences using descriptive adjectives/listen for examples/word categories/sentence intonation
- Scanning texts/match definitions/adverbs/predict content/give opinions/express agreement and disagreement
- Subject-Verb agreement/define new terms/verbs+gerunds or infinitives/use collocations with do, play and go/subject and object pronouns
- Verb+Noun collocations/subject and object pronouns/listen for opinions/discuss ideas/compound nouns/paragraph writing/prepositions of locations
- Synonyms/adverbs of frequency/predict content/ask for repetition/nouns and adjectives
- collocations/modals(can/could/should)/adjectives ending in –ed/

***Students receive a certificate upon successful completion of course.**

IEP 200 | Pre-Intermediate Intensive English

Prerequisite: IELTS 3.0-3.5/TOEFL 300-399 or assessment by Program Coordinator

IEP 200 is for pre-intermediate level students of English. IEP 200 encourages students to think critically and succeed academically. The course approach provides a unique critical thinking framework, that develops key cognitive skills such as analyzing, synthesizing, and evaluating, in

addition to developing the language skills essential for academic success, including target exercises in reading, writing, listening, speaking, vocabulary and grammar. Critical thinking approach encourages students to analyze, synthesize, and apply knowledge. Reading and listening texts explore a range of academic subjects. Learning skills sections help students develop important academic skills such as scanning and skimming a text, and using a dictionary. The course includes an interactive online homework practice component, with quizzes and tests. The course also includes a Computer Lab component, in which students study and revise information learnt in classroom, and apply it interactively online. Below is a brief outline of areas covered in the course:

- Writing a main idea and supporting sentences/verb+infinitives/listening for key words and main ideas/distinguishing words with similar meanings/present and simple past/simple past with –ed
- Skimming for the main idea/word roots/compound sentences with but and so/simple past with regular and irregular verbs/listening for main ideas and details/words in context
- Reading charts, graphs, and tables/modifying nouns/sentences with because/suffixes: -ful and –ing/be going to
- Identifying topic sentence/parts of speech/sentences with when/listening for specific information
- Identifying supporting sentences and details/prefixes with un/prepositions of location/gerunds as subjects or objects
- Collocations/infinitives of purpose/making inferences/conjunctions/linking consonants to vowels
- Clauses with after and after that/listening to differing opinions/verb-noun collocations/imperative of be + adjective
- Identifying facts and opinions/word families/contrasting ideas with however/comparative adjectives/idioms and expressions/so and such

***Students receive a certificate upon successful completion of course.**

IEP 300 | Intermediate Intensive English
Prerequisite: IELTS 4.0 or TOEFL 400-449 or assessment by Program Coordinator

IEP 300 is for intermediate level students of English. IEP 300 encourages students to think critically and succeed academically. The course approach provides a unique critical thinking framework, that develops key cognitive skills such as analyzing, synthesizing, and evaluating, in addition to developing the language skills essential for academic success, including target exercises in reading, writing, listening, speaking, vocabulary and grammar. Critical thinking approach encourages students to analyze, synthesize, and apply knowledge. Reading and listening texts explore a range of academic subjects. Learning skills sections help students develop important academic skills such as scanning and skimming a text, and using a dictionary. The course includes an interactive online homework practice component, with quizzes and tests. The course also includes a Computer Lab component, in which students study and revise information learnt in classroom, and apply it interactively online. Below is a brief outline of areas covered in the course:

- Identifying the main idea of a paragraph/writing descriptive paragraphs/present continuous/listening for main ideas/collocations: nouns and verbs/present continuous/intonation
- Getting meaning from context/suffixes/future with will/understanding cause and effect/word families: nouns and verbs
- Identifying supporting details/prefixes/subject-verb agreement/modal verbs: should and shouldn’t

- Taking notes/writing an opinion paragraph/modals/imperative verbs
- Skimming texts/unity in paragraph/comparative and superlative adjectives/word families: nouns, verbs and adjectives/auxiliary verbs in questions
- Identifying author's purpose/describing a process/infinitives of purpose/listening for specific information/comparatives and superlatives
- Identifying fact and opinion/phrasal verbs/simple past and past continuous/compound nouns/future with will
- Synthesizing information/collocations/writing an explanatory paragraph/adverbs of manner and degree/if clauses for future possibility

***Students receive a certificate upon successful completion of course.**

IEP 400 | Pre-Advanced Intensive English
Prerequisite: IELTS 4.5 or TOEFL 450-499 or assessment by Program Coordinator

IEP 400 is for pre-advanced level students of English. IEP 400 encourages students to think critically and succeed academically. The course approach provides a unique critical thinking framework, that develops key cognitive skills such as analyzing, synthesizing, and evaluating, in addition to developing the language skills essential for academic success, including target exercises in reading, writing, listening, speaking, vocabulary and grammar. Critical thinking approach encourages students to analyze, synthesize, and apply knowledge. Reading and listening texts explore a range of academic subjects. Learning skills sections help students develop important academic skills such as scanning and skimming a text, and using a dictionary. The course includes an interactive online homework practice component, with quizzes and tests. The course also includes a Computer Lab component, in which students study and revise information learnt in classroom, and apply it interactively online. Below is a brief outline of areas covered in the course:

- Using the dictionary to identify word forms/organizing and developing a paragraph/real conditionals: present and future/making inferences/verbs (do,be,have)/contractions/
- Use of context to understand words/using descriptive adjectives/use and placement of adjectives/listening for causes and effects/quantifiers with countable and uncountable nouns
- Taking notes/synonyms/writing a summary and a personal response/parallel structure/listening to time markers/tag questions/intonation
- Distinguishing facts from opinions/suffixes/writing an opinion essay/compound sentences/modals expressing attitude
- Writing a narrative essay/shifts between past and present time frames/past perfect
- Phrasal verbs/stating reasons and giving examples/gerunds and infinitives/
- Using a timeline/collocations and nouns/writing a cause/effect essay/complex sentences/idioms/listening for signposts
- Scanning a text/collocations with adjectives + prepositions/writing an argumentative essay/past and present perfect/

***Students receive a certificate upon successful completion of course.**

e) Student Residence Visa

Students enrolled and accepted full time into IEP are eligible for university sponsored student residency visas. Visa charges apply.

**Registration and visa fees must be paid in full and in advance for visa sponsorship eligibility.*

25.5 Mathematics for Academic Purposes

a) Background Information

Courses are offered to students who do not yet have the necessary mathematical background or knowledge to successfully undertake Credit Math's Courses. This is an intensive University level certificate program designed to prepare the student for those Courses.
Classes are delivered in a friendly classroom environment where students will collaborate with their colleagues and the teacher. Extra tutorials are available for those students who feel they require extra help.

b) Registration

All students with the exception of those on Communications Programs are required to complete a Math's Skills Test prior to attempting Credit Math's Courses. Students who pass the test will proceed directly to Credit Courses. Students who are unsuccessful will be required to take either MTH 011, College Algebra for those students who are registering for Business or Health Courses or MTH 012 Pre- Calculus for those registering for Architecture, Interior design or Engineering Courses.

For students who have a low score on the Math's Skills test there is a Foundation Math's Course MTH 010. Students who take this course and pass will then be eligible to move forward to College Algebra or Pre-Calculus.

Students can register for the Test at the Office of the Registrar.

Program Duration*		
Math's Courses run in conjunction with the University Calendar, however during the Summer Session the course is condensed. Please contact the Continuing Education Department for further details.		
MTH 010	9 hours per week	Over 6 Weeks
MTH 011	3 hours per week	Over full Semester
MTH 012	3 hours per week	Over full Semester

**(Students who pass MTH 010 will proceed to MTH 011 or MTH 012 over the second half of the Semester (6 hours per week)*
**Visit the Non- Credit Course Fee Section for current prices*

c) Program Overview and Learning Outcome

Students will work from a prescribed textbook utilizing the exercises to augment their Mathematical Skills. Course Tutor will supervise the learning and pace it at the level of the individual student, supplementing the learning with weekly tutorials. Assessment will be through regular home works, quizzes, a mid-term test and a Final Examination.

d) MTH Course Descriptions

MTH 010 Foundation Mathematics
This "Crash" course is a mathematics course in basic numbers, algebra, shapes and Statistics and probability. The course is intended for those students who failed both parts of the mathematics placement test below 40%. It aims at building up the confidence and basic knowledge of students in order to enable them to cope with further mathematics and statistics courses.

MTH 011 College Algebra
This course is a mathematics course in basic algebra and trigonometry. The course is intended for those students who failed both parts of the mathematics placement test. It aims at building up the

mathematical foundations of students in order to enable the students to cope with further mathematics and statistics courses.

MTH 012 Pre-calculus

The course covers the necessary background in algebra and trigonometry for engineering and architecture students to prepare for the standard university calculus sequence and to understand the graphing and function analysis required for calculus. The course is designed to students who, have taken the college preparatory courses in high school but are not quite prepared to do the type of analysis required to successfully complete a university calculus sequence.

25.6 TOEFL / IELTS Testing

All Academic programs at Canadian University Dubai have an English proficiency requirement; we are able to offer a convenient on campus Institutional TOEFL and IELTS exam service for all prospective and currently enrolled students. The Institutional TOEFL test assesses a students' proficiency level in three different skills — reading comprehension, listening comprehension, and structure and written expression. Tests are carried out on a regular basis and dates are published in advance on our website. Students may also obtain additional information on pricing, timings and apply for the test through the Office of the Registrar.

25.7 Corporate Training

Experienced University faculty and certified trainers prepare and conduct a range of tailored management consulting and corporate training services, professional courses and certificate programs, as well as academic preparation courses. Most of the experts affiliated with corporate training at Canadian University Dubai are Canadian, American or European educated, and they have experience and knowledge of the GCC. They come with international expertise in Management, Engineering, Architecture, Islamic Banking, Finance, Environment, Healthcare Management, Interior Design, English Language and Translation, Communications including Public Relations, Journalism and Advertising.

Training programs offered at Canadian University Dubai are non-credit and consist of activities conducted over a number of days, typically 3-5 days, for 6-7 hours a day. Training sessions are highly interactive and include group work to solve a selection of case studies and exercises, as well as role play sessions to practice a range of skills. Training videos and other training materials are widely used to support lectures. The carefully prepared content helps participants keep in touch with best practice in the field. They offer access to the latest training programs needed for various functional areas such as Sales & Marketing, Human Resources, Accounting, and Customer Service from the administrative to the executive level.

Custom made training and off-the-shelf programs can be implemented to suit the particular needs of individuals and corporate clients. For more information, please visit www.cud.ac.ae/corporate-training

26 Research at Canadian University Dubai

Canadian University Dubai is a research-focused institution with a broad portfolio of academic expertise. Across our Faculties and Departments – Management, Communication, Environmental Health Sciences, Electrical Engineering, Computer Engineering and Computational Sciences, Architecture and Interior Design – the University contributed significantly to the wider research community. The Research Hub at CUD was established to build a worldwide international research collaboration to enrich the university studies with the sustainable development goals and the wellbeing and engagement with the local, regional, and international societies as part of the University's social responsibility. The Hub remains open for international calls for multidisciplinary research collaboration.

26.1 Goals and Objectives

The research initiatives and projects conducted at Canadian University Dubai are aimed at:

- Providing a means to reach out to student communities, practitioners in the workplace, and the business community and to raise awareness of the great opportunities and important challenges that research at Canadian University Dubai offers.
- Fostering and facilitating a broad multi-disciplinary involvement and an inter-disciplinary collaboration.
- Creating a web-based resource repository to facilitate research, education, and outreach to the student community.
- Stimulating industry/business/community interest and investment in university research by showing clear pathways to business benefits of research results.

The success of the research initiatives at the University will be measured by:

- Collaboration with government institutions (local, regional, and international), industry and other stakeholders to engage in research activities that have a direct impact on the UAE economy and society.
- Providing answers and solutions, as a research university, to the needs of the sustainable development goals (SDGs) and the NGOs
- Engaging our students at all levels into research, to gain broader knowledge and good understanding of the nature and importance of research in their field and education.
- Providing an enabling research environment to the faculty and student body in order to remain both research-active and competitive.
- Organizing International Conferences and Workshops to serve as forums for researchers and practitioners to exchange, network, present and discuss their work, as well as to contribute to the expansion of knowledge and to encourage research initiatives among the community of the University.

26.2 Research Partnerships

Through the Office of Research and Excellence, Canadian University Dubai continually seeks to foster research collaborations with both academic and business partners to generate knowledge that will be of benefit to wider society. This provides a unique opportunity for researchers within the University to contribute to first class research programs in collaboration with their peers in Canada, the US, Europe, Asia and other international settings.

Research initiatives are implemented in close collaboration with partner universities from Canada, including:

- University of New Brunswick;
- Brock University;
- Trent University;
- University of Prince Edward Island;
- Cape Breton University;
- Royal Roads University;
- University of Windsor Canada;

Additional research partnerships have been initiated with:

- Universiti Teknologi Malaysia (UTM)
- Multimedia University
- Inovative International College
- University Teknologi Malaysia (UiTM)
- Chung-Ang University Korea
- Hanyang University Erica
- University of Canada, Egypt
- The Hashemite Univeristy Jordan
- The Chicago School of Professional Psychology
- MoU Universite de Lyon (UdL)
- La Rochelle Université
- University of Petroleum and Energy Studies in India
- American university of the Middle East (AUM) in Kuwait
- Applied Science University (ASU) in Bahrain

These partnerships make the university a portal to Canadian and other international education systems and give Canadian University Dubai a global stature.

26.3 International Conferences

As part of its research agenda, Canadian University Dubai regularly organizes conferences and workshops that bring together both researchers and practitioners to share their experience and expertise on an international stage. These workshops enable multidisciplinary collaboration across diverse research areas with industry and businesses, both regionally and globally.

Canadian University Dubai has successfully organized the following conferences:

- International Conference on Leadership, Innovation and Entrepreneurship as driving forces of the Global Economy (ICLIE), April 20th-22nd, Atlantis The Palm, Dubai, UAE http://www.iclie.com
- International Conference on Web & Open Access to Learning, November 25th - 27th, 2014. Atlantis The Palm, Dubai, UAE http://www.icwoal.org/
- International Conclave on Data Analytics, BI, Action Research & Cases in the Power and Energy Sector February 23rd -26th, 2014.
- 6th Joint IFIP Wireless and Mobile Networking Conference, (WMNC 2013), April 23rd-25th, 2013. Atlantis Hotel. Dubai. UAE.
- 4th International Conference on Networked Digital Technologies (NDT'2012) - April 24th-26th, 2012.

- International Symposium on Networks, Computers and Communications (ISNCC 2021), October 31 – November 2, 2021. Dubai, UAE. https://sites.google.com/view/isncc2021
- PRME Chapter MENA 9th Annual Forum & 2022 Conference, March 22nd – 24th, 2022. De Montfort University Dubai Campus, UAE.
- 7th Annual International Conference of the International Association for Silk Road Studies (IASS 2022), February 20th to 24th 2022. Canadian University Dubai, UAE.
- International Seminar and Conference on Learning Organisation (ISCLO), November 25th – 26th, 2021.

26.4 Distinguished Speakers

Canadian University Dubai has had the pleasure of hosting numerous distinguished guest speakers, including:

- H.H. Sheikh Mohammed Maktoum Juma Al Maktoum
- H.E. Tun Dr. Mahathir Mohamad
- H.E. Anurag Bhushan, Consul General of India to UAE
- Dr. Sam Ozarsky, St. Michael's Hospital, Toronto
- Dr. Cigdem Berdi Gokhan, Cankaya University
- Dr. Ajay Mathur, Director General, Bureau of Energy Efficiency, and Member, Prime Minister's Council on Climate Change, India
- Professor Muriel Médard, MIT, Boston, USA
- Professor Norman C. Beaulieu, University of Alberta, Canada
- Professor Abbas Jamalipour, University of Sydney, Australia
- Professor Bayan Sharif, Khalifa University, United Arab Emirates
- Ms. Aisha Mohamed Al Abdooli, Acting Assistant Undersecretary Environment Affairs Sector, Ministry of Environment & Water, UAE
- Mr. A. C. Chaturvedi, Executive Director, NTPC LTD, India
- Mr. Neeraj Bansal, Country Head(India), Real Estate and Construction – KPMG
- Mr. Jinendra Gugaliya, Scientist, ABB Corporate Research Centre, India
- Mr. R.S. Mani, Regional General Manager (QE) – Middle East – ABS Group Inc
- Mr. Niraj Mathur, Sr. Lead Assessor, Lloyds, Dubai
- Mr. U. K. Das, AGM (EC) NTPC Ltd., India
- CA. Nitin Wadhwa, Assistant Manager, Energy Efficiency Services Limited, Ministry of Power, India
- Mr. Vivek Soni, Ph. D. Scholar, Indian Institute of Technology Delhi, India
- Professor Mary Gentile, Creator/Director of Giving Voice to Value
- Professor Hossam Ali-Hassan, York University Toronto, Canada
- Professor Langdon Morris, Futurist, Creator of Innovation Master, United States
- Farah Naz, Head of Innovation, Sustainability & ESG - MENA, AECOM, United Arab Emirates
- Professor Winka Dubbeldam, Chair and Miller Professor of Architecture, University of Pennsylvania, United States

27 Academic Administration and Faculty Directory

27.1 Administration and Staff

TITLE	FULL NAME	POSITION	EMAIL	EXT.	DIRECT LINE	OFFICE NO.
PRESIDENT'S OFFICE						
Dr.	Abdelkrim Chelli	President & Vice-Chancellor	presidentoffice@cud.ac.ae	121	04 709 6121	FOM AO21 G
Ms.	Christine Joy Mandani Sangalang	Admin Assistant	chr.mand@cud.ac.ae	121	04 709 6121	FOM AO21 G
Mr.	Karim Momtaz Al Sayed Soultan	Corporate Office and Academic Support Officer	momtaz@cud.ac.ae	216	04 709 6216	FOM G, IRP Office
ACADEMIC AFFAIRS						
Dr.	Mohammed Djeddi	Vice President of Academic Affairs	Mohammed.Djeddi@cud.ac.ae	805	04 709 6805	Hub 1, 20
Dr.	Abdalla Ali Younis Abu Libdeh	Consultant	abdalla@cud.ac.ae	138	04 709 6138	FOM AO8 1
HUMAN RESOURCES AND PHYSICAL RESOURCES						
Mr.	Yusri Ibrahim	Senior HR Manager	yusri@cud.ac.ae	250	04 709 6250	Hub 1, 32
Ms.	Sunena Trisal	HR Advisor	sunena.trisal@cud.ac.ae	168	04 709 6168	Hub 1, 33
Mr.	Jabeer Puthiypuryil	Senior Compensation & Benefits Specialist	jabeer.puthiypuryil@cud.ac.ae	139	04 709 6139	Hub 1, 34
Ms.	Erin Shea Cadangen	HR & Admin Assistant	erin@cud.ac.ae	167	04 709 6167	Hub 1, 34
Mr.	Abraham Kurian	Administration Manager	abraham@cud.ac.ae	264	04 709 6264	Hub 1, 35
Mr.	Junas Andrino	HSE / Facilities Officer	junas.andrino@cud.ac.ae	266	04 709 6266	Hub 1, 35
Mr.	Said Souakhri	Public Relations Officer	Souakhri@cud.ac.ae	288	04 709 6288	Reg PRO Office
Mr.	Mohamed Lazhar Debbichi	Public Relations Officer	muhd@cud.ac.ae	288	04 709 6288	Reg PRO Office
Mr.	Mourad Attou	Guest Relations Officer	mourad@cud.ac.ae	288	04 709 6288	Reg PRO Office
Mr.	Samir Khalaf Sabry Kasem Amer	Admin Officer	samer@cud.ac.ae	130	04 709 6130	HUB G, Security Office
Mr.	Moideen Kutty Kallivalappil	Maintenance Assistant	moideen@cud.ac.ae	264	04 709 6264	Maintenance Room
Mr.	Jameel Ahmad	AC Technician	jameel@cud.ac.ae	264	04 709 6264	Maintenance Room
Mr.	Amanulla Mydeen Kattuva	Office Assistant	amanulla@cud.ac.ae	264	04 709 6264	Hub G, Print Center
RESEARCH AND EXCELLENCE						
Dr.	Habib Fardoun	Vice President of Research & Excellence	habib.fardoun@cud.ac.ae	833	04 709 6833	FOM G
INSTITUTIONAL RESEARCH AND PLANNING (IRP)						
Dr.	Muhammad Anwar	Dean of IRP	anwar.abaidullah@cud.ac.ae	107	04 709 6107	FOM G, IRP Office

TITLE	FULL NAME	POSITION	EMAIL	EXT.	DIRECT LINE	OFFICE NO.
Mr.	Wajahat Khan	Senior IRP Officer	wajahat.khan@cud.ac.ae	295	04 709 6295	FOM G, IRP Office
Ms.	Tina Daaboul	Institutional Research Survey Officer	tina.daaboul@cud.ac.ae	297	04 709 6297	FOM G, IRP Office
Mr.	Manudeen Khan	Quality Assurance & IRP Officer	manudeen.khan@cud.ac.ae	295	04 709 6295	FOM G, IRP Office
MARKETING AND COMMUNICATIONS						
Mr.	Arash Behforooz	Head of Branding	arash@cud.ac.ae	235	04 709 6235	HUB 1, Creative Zone
Mr.	Stephane Gregory Chabas	Media Technician Specialist	stephane@cud.ac.ae	277	04 709 6277	HUB 1, Creative Zone
Mr.	Roan Antony	Web Developer	roan.antony@cud.ac.ae	135	04 709 6135	HUB 1, MARCOM Office
Ms.	Tracey Lloyd	Content Writer	tracey@cud.ac.ae	287	04 709 6287	HUB 1, MARCOM Office
Ms.	Tala Irbaye	Social Media Specialist	tala.irbaye@cud.ac.ae	277	04 709 6277	HUB 1, MARCOM Office
Ms.	Wissem Aboura	Marketing and Communications Assistant	wissem.aboura@cud.ac.ae	171	04 709 6171	HUB 1, MARCOM Office
STUDENT RECRUITMENT						
Mr.	Mustafa Ali Himmati	Student Recruitment Manager	mustafa.himmati@cud.ac.ae	289	04 709 6289	Hub G, Garden
Mr.	Jitesh Surti	Senior Officer - Student Recruitment	jitesh.surti@cud.ac.ae	898	04 709 6898	Hub G, Garden
Ms.	Danna Rammal	Student Recruitment Officer	danna.rammal@cud.ac.ae	893	04 709 6893	Hub G, Garden
Ms.	Wafiqa Elqasass	Student Recruitment Officer	wafiqa.hasan@cud.ac.ae	851	04 709 6851	Hub G, Garden
Mr.	Mukhammad Masharipov	Student Recruitment Officer	mukhammad.masharipov@cud.ac.ae	852	04 709 6852	Hub G, Garden
Ms.	Loujane Alfarouqi	Junior Student Recruitment Officer	loujane.alfarouqi@cud.ac.ae	884	04 709 6884	Hub G, Garden
Ms.	Hessa Rahimi	Junior Student Recruitment Officer	hessa.rahimi@cud.ac.ae	892	04 709 6892	Hub G, Garden
CALL CENTER						
Ms.	Ana Marie Regina Quioambao	Officer - Call Center	ana.regina@cud.ac.ae	608	04 709 6608	HUB G, C10.1
Ms.	Willy Glace Nablo	Officer - Call Center	willy.glace@cud.ac.ae	604	04 709 6604	HUB G, C10.1
Mr.	Yasir Mohieldin	Officer - Call Center	yassir.gaddein@cud.ac.ae	607	04 709 6607	HUB G, C10.1
Ms.	Elham Abdian	Officer - Call Center	elham.abdian@cud.ac.ae	606	04 709 6606	HUB G, C10.1
Ms.	Rizalyn Kerr Ragat	Switchboard Operator - HUB	rizalyn@cud.ac.ae	120	04 709 6120	HUB Reception G

TITLE	FULL NAME	POSITION	EMAIL	EXT.	DIRECT LINE	OFFICE NO.
Ms.	Mekiya Mohammed Ali	Switchboard Operator - FOM / Event Assistant	mekiya.mohammed@cud.ac.ae	210	04 709 6210	FOM, Reception G
ADMISSIONS						
Mr.	Waled Salim Aboud	Admissions Manager/Interim Recruitment Manager	waled.aboud@cud.ac.ae	242	04 709 6242	HUB 1, Registration
Mr.	Ahmed Elfaki	Admissions & Registration Officer	ahmed.elfaki@cud.ac.ae	883	04 709 6883	HUB 1, Registration
Ms.	Layla Khawatmi	Admissions Officer	layla.khawatmi@cud.ac.ae	896	04 709 6896	HUB 1, Registration
REGISTRATION						
Mr.	Mohammad Ibrahem Sayed Yassen Elmoshnib	Registrar	m.elmoshnib@cud.ac.ae	109	04 709 6109	HUB 1, Registration
Mr.	Rizwan Nazeer Sheikh	System Analyst	rizwan@cud.ac.ae	170	04 709 6170	HUB 1, Registration
Ms.	Olga Beck	Senior Registration Officer	olga.beck@cud.ac.ae	201	04 709 6201	HUB 1, Registration
Mr.	Hosam Shahwan	Registration Officer	hosam.shahwan@cud.ac.ae	233	04 709 6233	HUB 1, Registration
Mr.	Abdalla Khalil	Registration Officer	abdalla.khalil@cud.ac.ae	149	04 709 6149	HUB 1, Registration
Mr.	Mohamed Khalaf Kandil Elfeky	Registration Officer	Mohamed.Khalaf@cud.ac.ae	850	04 709 6850	HUB 1, Registration
Mr.	Miar M. Y. Alagha	Registration Officer	miar.alagha@cud.ac.ae	885	04 709 6885	HUB 1, Registration
Mr.	Roshan Avaran Suresh	Registration Officer	roshan.suresh@cud.ac.ae	897	04 709 6897	HUB 1, Registration
STUDENT AFFAIRS						
Dr.	Rami El Khatib	Dean of Student Affairs	rami@cud.ac.ae	808	04 709 6808	Hub 1, 24
Ms.	Simran Siddiqui	Student Counselor	simran.siddiqui@cud.ac.ae	273	04 709 6273	Hub 1, 4
Ms.	May El Khoury	Career Services & Internship Coordinator	may@cud.ac.ae	198	04 709 6198	Hub 1, 6
Mr.	Dusan Popovic	Sports Coordinator	dusan.popovic@cud.ac.ae	136	04 709 6136	Hub G, Majlis 2
Ms.	Soumia Boucha	Student Affairs - Accommodation / Transportation Officer	soumia@cud.ac.ae	164	04 709 6164	Hub G, Majlis 2
Ms.	Juliana Ortiz	Student Life & Alumni Officer	juliana.ortiz@cud.ac.ae	886	04 709 6886	Hub G, Majlis 2
Mr.	Virginio Ragat Cortez	Junior Student Affairs Officer	virginio@cud.ac.ae	187	04 709 6187	Hub G, Majlis 2
Ms.	Maryam Farahmand	Junior Student Life Officer	maryam.farahmand@cud.ac.ae	296	04 709 6296	Hub G, Majlis 2
STUDENT AFFAIRS - HEALTH AND SAFETY						

TITLE	FULL NAME	POSITION	EMAIL	EXT.	DIRECT LINE	OFFICE NO.
Ms.	Karema Kim Mordeno Fabillon	Nurse	healthcenter@cud.ac.ae / karema@cud.ac.ae	207	04 709 6207	HUB G, Health Centre
LEARNING RESOURCE CENTER						
Ms.	Menchie Aplaca Armillo	Director of Learning Resource Center	menchie@cud.ac.ae	262	04 709 6262	Hub 1, Library
Ms.	Carolina Banayat Dionisio	Assistant Librarian	car.bana@cud.ac.ae	260	04 709 6260	Hub 1, Library
Mr.	Sunil Joseph	Librarian	sunil.joseph@cud.ac.ae	260	04 709 6260	Hub 1, Library
Ms.	Raihanat Ahmad Abubakar	Library Assistant	raihanat.abdussalam@cud.ac.ae	260	04 709 6260	Hub 1, Library
Mr.	Bumija Msumba	Library Assistant	bumija.msumba@cud.ac.ae	260	04 709 6260	Hub 1, Library
FINANCE						
Ms.	Anita Oommen	Vice-President - Admin & Finance	anita@cud.ac.ae	183	04 709 6183	Hub 1, 30
Mr.	Arun Varghese	Financial and Compliance Controller	arun.varghese@cud.ac.ae	230	04 709 6230	Hub 1, 29
Mr.	Raman Malpani	Accounting Manager	raman@cud.ac.ae	185	04 709 6185	Hub 1, 29
Mr.	Neeraj Massey	Financial Planning Analyst	Neeraj.Massey@cud.ac.ae	186	04 709 6186	Hub 1, 28
Mr.	Akash Sam Raju	Senior Accountant	akash.raju@cud.ac.ae	191	04 709 6191	Hub 1, 28
Ms.	Pinju Gheevarghese	Junior Accounts Officer	pinju.gheevarghese@cud.ac.ae	889	04 709 6889	Hub 1, 28
FINANCE – STUDENT ACCOUNTS						
Mr.	Namsheed Khalid	Manager - Student Accounts	namsheed.khalid@cud.ac.ae	181	04 709 6181	HUB 1, Student Accounts
Mr.	Abdelhadi Alaa Ahmed Raafat Amin Awad	Senior Student Accounts Officer	abdelhadi.awad@cud.ac.ae	182	04 709 6182	HUB 1, Student Accounts
Ms.	Myra Capitly Daguro	Student Accounts Officer	myra@cud.ac.ae	272	04 709 6272	HUB 1, Student Accounts
Ms.	Zarha Zamora Antoc	Student Accounts Officer	zarha@cud.ac.ae	241	04 709 6241	HUB 1, Student Accounts
Ms.	Thashrifa Abdul	Student Accounts Officer	thashrifa.korattiyil@cud.ac.ae	162	04 709 6162	HUB 1, Student Accounts
SALES CENTER						
Ms.	Rowena De Pedro Frias	Print Center / Procurement Assistant	rowena.frias@cud.ac.ae / stationery@cud.ac.ae	258	04 709 6258	Hub G, Print Center
Mr.	Faisal Palikkatil Sulaiman	Print Center / Procurement Assistant	faisal@cud.ac.ae / stationery@cud.ac.ae	258	04 709 6258	Hub G, Print Center
INFORMATION AND COMMUNICATION TECHNOLOGY						
Mr.	Aftab Hameed Khan	ICT Director / Head of Procurement	aftab@cud.ac.ae	106	04 709 6106	Hub G, ICT
Mr.	Mohammad Jabar Fayaz	Associate Director - Application Systems	Mohammad.Fayaz@cud.ac.ae	810	04 709 6810	Hub G, ICT

TITLE	FULL NAME	POSITION	EMAIL	EXT.	DIRECT LINE	OFFICE NO.
Mr.	Mohamed Rifckan Siyambalagaha Gedara Seyed	ICT Infrastructure Manager	rifckan@cud.ac.ae	223	04 709 6223	Hub G, ICT
Mr.	Ayoub Abouabdillah	Senior System Analyst	ayoub@cud.ac.ae	221	04 709 6221	Hub G, ICT
Mr.	Shanish Moidunni Vemmadathel	System Engineer	shanish@cud.ac.ae	224	04 709 6224	Hub G, ICT
Mr.	Firoz Sabath	Web Developer	firoz.sabath@cud.ac.ae	193	04 709 6193	Hub G, ICT
Mr.	Mohammad Thabzeel	IT Desktop Engineer	mohammed.thabzeel@cud.ac.ae	222	04 709 6222	FOM 1, ICT
Mr.	Syed Saleem Kamal Batcha	ICT Helpdesk Support Engineer	syed.saleem@cud.ac.ae	222	04 709 6222	Hub G, ICT
OFFICE OF THE UNIVERSITY ADVANCEMENT						
Dr.	Kathy O'Sullivan	Dean, Office of the University Advancement	kathy@cud.ac.ae	196	04 709 6196	Hub 1,53
Mr.	Mustafa Al Dardery	Corporate Training Manager	mustafa.aldardery@cud.ac.ae	237	04 709 6237	Hub 1,5
Dr.	Dalal Al Halalat	Admin Officer	dalal@cud.ac.ae	827	04 709 6827	Hub 1,52
Ms.	Reine Monsour	Community Outreach, Transfer to Canada & Alumni Officer	reina@cud.ac.ae	236	04 709 6236	Hub 1,5
Ms.	Amal Al Zarooni	Advancement Services Officer	amal.alzarooni@cud.ac.ae	271	04 709 6271	Hub 1,5

27.2 List of CUD Faculty

a) School of Architecture and Interior Design

Faculty Name	Rank	Highest Qualification	Discipline	Institution	Email	Ext.	Direct Line	Office No.
Massimo Imparato	Dean	Dottore	Architettura	Universita Degli Studi Di Genova, Italy	massimo@cud.ac.ae	806	04 709 6806	Hub 1, 25
Maha S Salman	HOD-Interior Design	PhD	Sustainable Architecture	University of Huddersfield, UK	maha.salman@cud.ac.ae	835	04 709 6835	HUB 1, 25
Seif Khiati	HOD - Architecture	PhD	Architecture	University of Washington, USA	seif.khiati@cud.ac.ae	248	04 709 6248	HUB 1, 40
Constantin Viktor Spyridonidis	Professor	PhD	Architecture	Aristotle University of Thessaloniki, UK	spiridonidis@cud.ac.ae	142	04 709 6142	HUB G, 2
Raed Qaqish	Associate Professor	PhD	Architecture	University of Glasgow, UK	raed.qaqish@cud.ac.ae	873	04 709 6873	HUB 1, 41
Serkan Gunay	Senior Lecturer	PhD	Architecture	Oxford Brookes University, England	serkan@cud.ac.ae	154	04 709 6154	HUB 1, 42
Sophie Johnson	Senior Lecturer	Master	Interior Design	The Royal College, UK	sophie@cud.ac.ae	274	04 709 6274	HUB G, 1
Shahab Ghandhari	Senior Lecturer	Master	Interior Design	The University of Manitoba, Canada	shahab.ghandhari@cud.ac.ae	714	04 709 6714	Hub G, 4
Zeineb Naouar Ep Fares	Senior Lecturer	Master	Aesthetics and Visual Arts Practices	High Institute of Fine Arts in Sousse, Tunisia	zeineb.naouar@cud.ac.ae	265	04 709 6265	HUB 1, 44
Lilia Lezzar	Teaching Assistant	Bachelor	Architecture	Ajman University of Science & Technology, UAE	lilia@cud.ac.ae	844	04 709 6350	HUB 1, 45
Prisca Monteiro	Academic Support Officer	Bachelor	Business Administration	Sikkim Manipal University, India	prisca@cud.ac.ae	117	04 709 6117	HUB 1, 23

b) School of Engineering, Applied Science and Technology

Faculty Name	Rank	Highest Qualification	Discipline	Institution of Highest Qualification	Email	Ext.	Direct Line	Office No.
Sherif Moussa	Dean	PhD	Electrical Engineering	University of Quebec, Canada	smoussa@cud.ac.ae	200	04 709 6200	HUB 1, 26
Ahmed Mohammed Nabil Ahmed Algindy	Associate Professor	PhD	Engineering Design & Technology	University of Bradford, UK	agindy@cud.ac.ae	813	04 709 6813	HUB G, 6
Firuz Kamalov	Associate Professor	PhD	Mathematics	University of Nebraska, USA	firuz@cud.ac.ae	175	04 709 6175	HUB 1, 11
Haytham El-Messiry	Associate Professor	Doctor of Science	Computer Science	Ulm University, Germany	haythem.elmessiry@cud.ac.ae	299	04 709 6299	Hub 1,11
Yasir Faheem	Associate Professor	Diplome De Docteur	Networks and Information Technology	Universite Paris 13 – Sorbonne Paris Cite, France	yasir.faheem@cud.ac.ae	146	04 709 6146	Hub 1,7
Djilali Hamza	Assistant Professor	PhD	Electrical Engineering	Queen's University, Canada	djilali.hamza@cud.ac.ae	867	04 709 6867	Hub 1,37
Gandeva Bayu Satrya	Assistant Professor	Doctor of Engineering	IT Convergence Engineering	Kumoh National Institute of Technology, South Korea	gandeva.santry@cud.ac.ae	876	04 709 6876	Hub 1,39
Rita Zgheib	Assistant Professor	PhD	Computer Sciences	University Toulouse III - Paul Sabatier, France	rita.zgheib@cud.ac.ae	874	04 709 6874	HUB G, 8
Said Selim Elnaffar	Associate Professor	PhD	Computing and Information Science	Queen's University, Canada	said.elnaffar@cud.ac.ae	821	04 709 6821	HUB G, 10
Salah Eddine Choutri	Assistant Professor	PhD	Mathematical Statistics	KTH Royal Institute of Technology, Sweden	salah.choutri@cud.ac.ae	815	04 709 6815	Hub 1,10
Salih Rashid Majeed	Assistant Professor	Doctor of Engineering	Virtual Reality & Simulations	University of Siegen, Germany	salih.majeed@cud.ac.ae	877	04 709 6877	Hub G,11
Tamer Mohamed Abdellatif Mohamed	Assistant Professor	PhD	Electrical and Computer Engineering	The University of Western Ontario, Canada	tamer.mohamed@cud.ac.ae	822	04 709 6822	HUB 1, 10
Ziad El-Khatib	Assistant Professor	PhD	Electrical & computer Engineering	Carleton University, Canada	ziad.elkhatib@cud.ac.ae	269	04 709 6269	HUB G, 7
Ahmed El Sayed	Assistant Professor	PhD	Mathematics	Universiti Utara Malaysia	ahmed.elsayed@cud.ac.ae	286	04 709 6286	Hub 1,1
Abdulhamid Alsbakhi	Lecturer	Master	Management & Governance	Canadian University Dubai, UAE	a.alsebakhi@cud.ac.ae	843	04 709 6843	HUB G, 9
Ahmed Ali Fouad Ismail Seyam	Lab Instructor	Master	Artificial Intelligence	Helwan University, Egypt	ahmed.seyam@cud.ac.ae	213	04 709 6213	Hub G,11
Zeyad Remah Sadek	Teaching Assistant	Bachelor of Science	Electrical Engineering-Mechatronics	Canadian University Dubai, UAE	zeyad.sadek@cud.ac.ae	-	-	Hub Lab
Adel Yousefi	Teaching Assistant	Bachelor of Science	Electrical Engineering-Mechatronics	Canadian University Dubai, UAE	adel.yousefi@cud.ac.ae	-	-	Hub Lab
Beverley Van Vuuren	Academic Support Officer	Management Assistant Course	Management Assistant Course	South Cape College, South Africa	beverly@cud.ac.ae	218	04 709 6218	HUB 1, 21

c) School of Management

Faculty Name	Rank	Highest Qualification	Discipline	Institution	Email	Ext.	Direct Line	Office No.
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Rommel Pilapil Sergio	Professor (Associate Dean - UG Business Programs)	PhD in Management	Human Resource Management	University of Liverpool, UK	rommel@cud.ac.ae	823	04 709 6823	FOM 110
Rachid Alami	Associate Professor (Associate Dean – Graduate School)	Doctorate in Executive Business Administratio n	Business Administration	Université Paris 9 Dauphine, France	rachid.alami@cud.ac.ae	279	04 709 6279	FOM 101 G
Agata Stachowicz-Stanusch	Professor	PhD	Management Science	University of Economics in Katowice, Poland	agata@cud.ac.ae	870	04 709 6870	FOM 107
Elgilani Eltahir Elshareif	Professor	PhD	Financial Economics	University of Putra, Malaysia	elgilani@cud.ac.ae	211	04 709 6211	FOM 101
Farooq Haq	Professor	PhD	Marketing	Charles Darwin University, Australia	farooq@cud.ac.ae	204	04 709 6204	FOM 105
Ikhlaas Gurrib	Professor	PhD	Economics & Finance	Curtin University of Technology, Australia	ikhlaas@cud.ac.ae	140	04 709 6140	FOM 104
Mohammed Noureldin	Professor (Coordinator for E-Business and MITM programs)	PhD	Business and Informatics	University of Salford, UK	mohamed.ahmed@cud.ac.a e	817	04 7096817	FOM 207
Qian Long Kweh	Professor	PhD	Accounting	Universiti Malaysia Pahang, Malaysia	qlkweh@cud.ac.ae	285	04 709 6285	FOM 204
Steven Kipkurgat Buigut	Professor	PhD	Economics	Georgia State University, USA	steven.buigut@cud.ac.ae	871	04 709 6871	FOM 204
Leonardo Mataruna	Associate Professor	Doctor in Physical Education	Physical Education	Universidade Gama Filho, Brazil	leonardo.mataruna@cud.ac .ae	875	04 709 6875	FOM 204
Leonie Jooste	Associate Professor	Doctor Commercii	Accounting	University of Pretoria, South Africa	leonie.jooste@cud.ac.ae	839	04 709 6839	FOM 115
Lilian Gheyathaldin Salih	Associate Professor	Doctor of Economic Science	Economic Science	Vrije Universiteit Brussel, Belgium	lilian.aldin@cud.ac.ae	845	04 709 6845	FOM 115
Nasser Taleb (on sabbatical)	Associate Professor	PhD	Information Systems	Salford University, UK	nasser.taleb@cud.ac.ae	825	04 709 6825	FOM 108
Rima Mishlawi	Associate Professor	PhD	Islamic Finance and Economic Studies	Imam Ouzai University	rima.bizri@cud.ac.ae	846	04 709 6846	FOM 115
Saif Ur-Rehman Khan	Associate Professor	PhD	Management	National University of Modern Languages Islamabad Pakistan	saif.urrehman@cud.ac.ae	275	04 709 6275	FOM 202 1
Isaac Amoako	Associate Professor	PhD	Entrepreneurship	Middlesex University, UK	isaac.amoako@cud.ac.ae	255	04 709 6255	FOM 202 1
Davide Contu	Associate Professor	PhD	Environmental Economics	The London School of Economics, UK	davide.contu@cud.ac.ae	868	04 709 6868	FOM 109

Faculty Name	Rank	Highest Qualification	Discipline	Institution	Email	Ext.	Direct Line	Office No.
Raed Ahmed Tawfeq Said	Assistant Professor	PhD	Statistics	University of Leeds, UK	raed.saeed@cud.ac.ae	841	04 709 6841	FOM 113
Abdesselam Redouane	Assistant Professor	PhD	Computer Science	University of Manchester, UK	abdesselam.redouane@cud.ac.ae	828	04 709 6828	FOM Lab
Ettiene Paul Hoffman	Assistant Professor	Doctorate of Management	Doctorate of Management	Swiss Management Center University, Switzerland	ettiene.hoffman@cud.ac.ae	843	04 709 6843	OA4-1
Francois Bester	Assistant Professor	PhD	Human Resource Management	University of Johannesburg, South Africa	bester@cud.ac.ae	156	04 709 6156	FOM 102
Kiran Ashok Tangri	Assistant Professor	PhD	Management	Banasthali University, India	kiran@cud.ac.ae	814	04 709 6814	FOM 202
Saida Harguem	Assistant Professor	PhD	Management Information Systems	Laval University, Canada	saida.harguem@cud.ac.ae	862	04 709 6862	FOM 114
Samar Billi Noaman	Assistant Professor	Doctorate in Management Sciences	Tourism Management	Panthéon-Sorbonne University – Paris 1, France	samar.noaman@cud.ac.ae	875	04 709 6875	FOM 204
Soumaya Jendoubi EP Askri	Assistant Professor	Le Diplome National De Docteur En Sciences De Gestion	Management Science	Panthéon-Sorbonne University – Paris 1, France	soumaya.askri@cud.ac.ae	872	04 709 6872	FOM 204
Zakariya Chabani	Assistant Professor	PhD	Commercial Studies Management	School of Higher Commercial Studies (EHEC Alger), Algeria	zakariya.chabani@cud.ac.ae	284	04 709 6284	FOM Lab
Sugandha Agarwal	Visiting Assistant Professor	PhD	Business Administration	Mahatma Jyotiba Phule Rohilkhand University, India	sugandha.agarwal@cud.ac.ae	-	-	-
Nora Barson	Senior Lecturer	Juris Doctor	Juris Doctor	University of Oklahoma, USA	nora.barson@cud.ac.ae	249	04 709 6249	FOM 202
Insaf Lahouel Mamoghli	Lecturer	Master	Finance	Faculte de sciences economiques et de Geestion (F.S.E.G), Tunisia	insaf@cud.ac.ae	267	04 709 6267	FOM 201
Olga Starkova	Lab Instructor	Master	Banking & Finance	University of London, UK	olga.starkova@cud.ac.ae	875	04 709 6875	FOM 113
Saba S. N. Alrayyes	Academic Support Officer	Master	Business Administration - Finance	Abu Dhabi University, UAE	Seba@cud.ac.ae	203	04 709 6203	FOM 103
Ali Fatah Alla Ali Eissa	Academic Support Officer	Bachelor in Science	Engineering Technology	University of Gezira, Sudan	ali.eissa@cud.ac.ae	206	04 709 6206	FOM 103

d) Faculty of Communication, Arts and Social Science (FCAS)

Faculty Name	Rank	Highest Qualification	Discipline	Institution	Email	Ext.	Direct Line	Office No.
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Ghada Mostafa Mohamed Abaido	Associate Professor	Doctor of Fine Arts	Mass Communication	Ain Shams University, Egypt	ghada.abaido@cud.ac.ae	283	04 709 6283	HUB 1, 12
Philip Dennett	Associate Professor	PhD	Organizational Creativity	The University of Notre Dame, Australia	philip.dennett@cud.ac.ae	238	04 709 6238	Hub 1,50
Zvezdan Vukanovic	Associate Professor	Doctor of Science	Economic Sciences	Megatrend University, Serbia	zvezdan.vukanovic@cud.ac.ae	860	04 709 6860	Hub 1,49
Lakhdar Chadli	Assistant Professor	PhD	Cinematography Digital New Multimedia Communication	VGIK (All-Union State Institute of Cinematography Institute), Russia	lakhdar.chadli@cud.ac.ae	270	04 709 6270	HUB 1, 15
Pablo Medina Aguerrebere	Assistant Professor	PhD	Corporate Communication	University of Navarra, Spain	pablo.medina@cud.ac.ae	278	04 709 6278	HUB 1, 14
Kiray Khoury	Assistant Professor	PhD	Communication and Media Studies	University of East London, United Kingdom	kiray.khoury@cud.ac.ae	834	04 709 6834	Hub 1,9
Mohamed Mostafa Mohamed Ahmed Ibrahim Mady	Lecturer	Master	Journalism and Mass Communication	The American University in Cairo, Egypt	mohamed.ahmed@cud.ac.ae	712	04 709 6712	FOM AO8 1
Fanan Azmi Qasem Al Madi	Visiting Lecturer	Master	Instructional Technology & Multimedia	Universiti Sains Malaysia, Malaysia	fanan.almadi@cud.ac.ae	833	04 709 6833	FOM AO8 1
Aseel Takshe	Associate Professor - (Head of Department - Public Health	PhD	Environmental Economics & Management	University of York, UK	aseel.takshe@cud.ac.ae	229	04 709 6229	HUB 1, 49
Mohammed Alkhaldi	Assistant Professor	Philosophiae Doctorem	Public Health Policy and Systems	University of Basel, Switzerland	mohammed.alkhaldi@cud.ac.ae	864	04 709 6864	Hub 1,14
Rina Salhab	Lecturer	Master	Biochemistry	Beirut Arab University, Lebanon	rina.salhab@cud.ac.ae	819	04 709 6819	Hub 1,44
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Wissam Ghach	Assistant Professor	PhD	Chemistry	University of Lorraine, France	wissam.ghach@cud.ac.ae	865	04 709 6865	Hub 1,17
Mostefa Stefane Kabene	Professor (Head of Department - Social Sciences)	PhD	Psychology	Laval University, Canada	stefane@cud.ac.ae	256	04 709 6256	HUB G, 12
Ahmed Al Ali	Assistant Professor	Master	Applied Sociology	University of Sharjah, UAE	ahmed.alali@cud.ac.ae	150	04 709 6150	HUB 1, 38
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Faculty Name	Rank	Highest Qualification	Discipline	Institution	Email	Ext.	Direct Line	Office No.
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Mohammad Nami	Assistant Professor	PhD	Cognitive Neuroscience	Institute for Cognitive Science Studies	mohammad.nami@cud.ac.ae	812	04 709 6812	Hub G,14
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Saima Nomaan	Visiting Lecturer	Master of Arts	Teaching English to Speakers of other Languages Studies	Aston University, United Kingdom	saima.nomaan@cud.ac.ae	-	-	-
Sylvain Trembly	Artist-Arts Lab	College Degree	Graphic Arts	College Sainte-Foy, Canada	sylvain@cud.ac.ae	-	-	-
Walaa Salah Eldin Hagmagid Yassien	Administrative Support Officer	Bachelor	Mass Communication	American University of Sharjah, UAE	walaa@cud.ac.ae	137	04 709 6137	HUB 1, 22

Student Faculty Ratio – 19.6 : 1

28 Course Descriptions

28.1 Course Descriptions - English Courses

ACC 340 - Financial Management (3-0-3)
Prerequisite: BSM 200

This course focuses on developing an understanding of fundamental financial management for enhancing success in business. The knowledge and skills acquired by students making a concerted effort to learn will be applicable to a wide range of business contexts including, but not limited to, managing and growing a privately-owned business and being employed in business in a variety of functions (not limited to financial). Topics covered include essential business concepts that impact financial management; financial performance criteria; reading, understanding & analyzing financial statements; interpreting & communicating the results of business performance; the basic impact of taxation on businesses; identifying & obtaining appropriate financial resources; management reporting; and, basic financial planning, budgeting & control.

ACT 112 - Principles of Accounting I (3-0-3)
Prerequisite: None

This course concentrates on accounting for merchandise operations, proprietorship, specialized books of original entry, and the voucher system including emphasis on the financial aspects of accounting. Also, accounting concepts and principles, accounting for cash and receivables, inventory systems, inventory costing methods, accounting of acquisitions, depreciation and disposal of plant assets will be covered in this course.

ACT 212 - Principles of Accounting II (3-0-3)
Prerequisite: ACT 112

This course covers financial and managerial accounting theory and practices, including topics such as partnerships, capital stock transactions and dividends, liabilities, statement of cash flows, financial statement analysis, managerial accounting concepts and principles, cost behavior, cost-volume-profit analysis, and budgetary planning and control.

ACT 310 - Management Accounting (3-0-3)
Prerequisite: ACT 212

This course provides a study of the generation, communication, and interpretation of internal information, both financial and non-financial, for operational and strategic decision-making purposes. The course demonstrates how managers can use internal information that is generated, communicated and interpreted to implement plans and improve the process of providing goods and services to customers. The scope of the course embraces the use of accounting information for planning and control purposes in both operational and strategic decision-making.

ACT 315 - Digital Forensic (3-0-3)
Prerequisite: ACT 212 & SWS 351

This course addresses forensics in computerized systems that use Windows as the operating system. This course focuses on operating system analysis, file system analysis, web and email analysis, and handling forensic evidence at court.

ACT 325 - Forensic Accounting (3-0-3)
Prerequisite: ACT 212

This course introduces the basics of forensic accounting, its key areas, and the required set of skills to succeed as a forensic accountant. The course also gives students, through some real-life cases, a glimpse into the actual practice of forensic accounting. Topics covered include legal environment of forensic accounting, staging the engagement, gathering evidence, financial statement fraud, fraud investigation, money

laundering, business valuation, and digital forensics.

ACT 328 - Money Laundering (3-0-3)
Prerequisite: ACT 212

This course addresses money-laundering operations that are designed to take the proceeds of illegal activities, such as profits from fraud, and make them appear to come from a legitimate source. The course explores the laundering process; methods used to launder funds and discuss local and international regulations to combat money laundering. It also addresses techniques used to investigate suspected laundering activities.

ACT 330 - International Financial Reporting Standards (3-0-3)
Prerequisite: ACT 212

This course presents International Financial Reporting Standards (IFRS) and considers comparisons between the two commonly applied sets of accounting standards in the world (the US GAAP and IFRS). The aim of the course is to develop a critical thinking approach to financial accounting and reporting. While students will better understand the links between the underlying transactions, their reporting standards applications, and the financial reports from an international perspective, they will learn the practical applications of several standards of the IFRS.

ACT 335 - Advanced Financial Accounting (3-0-3)
Prerequisite: ACT 212

This course examines the theory and practice of accounting for inter-corporate investments, business combinations, and consolidation of financial statements of multinational firms. It also addresses segment and interim reporting as well as special accounting problems such as corporate liquidation.

ACT 430 - Accounting Information Systems (2-2-3)
Prerequisite: ACT 212

This course explores business processes and transaction cycles, related internal controls, and the use of computers as tools for the collection, organization, analysis and reporting of accounting data. In this course, students also learn basic system documentation techniques, database concepts and apply their accounting skills using the QuickBooks cloud Accounting based software.

ACT 450 - Auditing (3-0-3)
Prerequisite: ACT 310 & ACT 330

The course is designed for imparting knowledge to students regarding the audit functions and the topics includes concepts and philosophy of audit and audit standard. It also includes the preparation of audit report and audit sampling. The scope of the course includes the audit functions both public and private entities.

ACT 451 - Professional Auditing Practices (3-0-3)
Prerequisite: ACT 450

This course builds on and extends the material covered in auditing. It covers professional code of conduct, acceptance of clients, design and audit programs and detailed substantive audit tests and procedures for financial statement accounts, the application of audit process to the sales and collection cycle, the acquisitions and payment cycle, the inventory and warehouse cycle, the payroll and personal cycle and the capital acquisition cycle. Also it covers the process of completing the audit.

ACT 455 - Fraud Examination (3-0-3)
Prerequisite: ACT 451

This course addresses fraud concepts, detection, and examination. It includes nature of fraud and its motivation, symptoms of fraud, schemes of financial statement fraud, fraud prevention, and fraud detection tools and examination. It also covers fraud reports and dispute resolution.

AIMC 200 - Principles of Advertising and Integrated Marketing Communications (3-0-3)
Prerequisite: None

This course aims to introducing students to Advertising and Integrated Marketing Communications (AIMC). It covers (AIMC) theories, history, social, legal and ethical issues. It introduces students to the different AIMC forms in advertising, public relations and marketing. Students will also analyze various case studies as well as carrying out an AIMC campaign that includes brand positioning, campaign objectives, creative strategy, promotion strategy, and media strategy.

AIMC 210 - Audience Perceptions and Insights (3-0-3)
Prerequisite: MCM 121 & AIMC 200/PRA 221/DMP 200

This course aims to ensure students' understanding of the tenets of audience/consumer behavior and insight through theoretical, critical thinking exercises, and comparative literature. This course capitalizes and builds upon the storytelling and story making character of mass and self-broadcast communication strategies across platforms. Furthermore, the comparative literature approach to studying consumer behavior enables students' appreciation of different cultures, intra-and-internationally as basis for developing AIMC campaigns.

AIMC 220 - Research, Measurement and Metrics (3-0-3)
Prerequisite: MCM 140 & AIMC 200

The new age of advertising and integrated marketing requires an understanding of data. This course covers the theoretical understanding of data necessary for students to adapt to the many changes in integrated marketing communications, while also equipping students with the skills needed to perform vital daily functions. By the end of the course, students will be able to make data-driven business support center decisions.

AIMC 305 - Rhetoric and Strategic Writing (3-0-3)
Prerequisite: MCM 201 & AIMC 200

The course aims to introduce students to the fundamental elements of Advertising and Integrated Marketing Communications (AIMC) copywriting, with a focus on comparing and analyzing rhetorical theories, including digital rhetoric. Students will employ multimedia and graphic design tools while critically considering cultural, emotional, rational/mindshare, and viral branding strategies. Upon completion of this course, the student will be able to describe the various forms and types of persuasive AIMC writing techniques, develop a sound creative strategy, and execute strategic copywriting assignments for print, broadcast, electronic, and interactive media.

AIMC 315 - Creative Advertising Strategies (3-0-3)
Prerequisite: MCM 250 & AIMC 200

This course covers various aspects of creativity in AIMC. It includes creative idea generation and selection, attention tactics, developing and executing creative message strategies for AIMC across print, broadcast, out-of-home, and interactive media. In the process, students will compose creative briefs that include issue-to-be-addressed, communication objective, target audience analysis, compelling benefit, and rhetorical appeals for promoting various products (person, place, thing, or ideas/causes). Students will employ the latest relevant multimedia and graphic design tools while considering cultural, emotional, rational/mindshare, and viral branding strategies in formulating and executing creative ideas.

AIMC 418 - Communication and Media Planning Strategies (3-0-3)
Prerequisite: DMJ 220 or AIMC 220 or PRA 220

This course covers media strategy and analysis while implementing communications plans. Students will learn to analyze audience data using various industry sources. They will be able to explain how various media touchpoints are bought and sold in both the traditional and digital media landscape.

AIMC 425 - AIMC Capstone Project (3-0-3)

Prerequisite: AIMC 418

This is the capstone course for the Advertising and Integrated Marketing Communication specialization. It is designed to integrate most of what has been learned in earlier courses in the communication and media (MCM) program and particularly in the Advertising and Integrated Marketing Communications courses. Working individually and/or in teams, students will produce an Advertising and Integrated Marketing Communication campaign/project, related to a "real-world" case study that will be provided and co-supervised by professionals from an appointed reputable international AIMC agency.

AIMC 430 - E-Portfolio and Internship II for AIMC (3 Credits)
Prerequisite: MCM 431

This is a continuation of the Internship I course (MCM 430) with focus on the specialized industry of Advertising and Integrated Marketing Communication. The student will also produce an e-portfolio summarizing her/his achievements and contributions in the workplace and a good variety of representative CUD coursework. The Internship course provides students the opportunity to apply the theoretical knowledge and practical skills they have acquired in the classroom in 'real-world' settings.

ARC 232 - Site Planning and Landscape (3-0-3)
Prerequisite: None

This course is the introductory level course in Site Planning and Landscape Design. It provides the students with the first exposure to the concepts and techniques for the analysis and planning of sites that respond to human, contextual and infrastructural criteria. The role of analysis is emphasized as the basis for site development, and various analytical approaches are surveyed. Methods of developing both large- and small-scale sites are explored with reference to the constraints and opportunities of the natural, controlled and built environment, and the appropriate legal and planning setting. The course will also introduce the student to basic concepts of Landscape Design as it pertains to architecture and introduces students to landscape Graphics and the concepts of the fundamentals of landscape and environmental planning. It covers topography and earth modeling, landscape planting techniques, circulation, and assessing environmental impacts. This course is designed to run in parallel with the Design Studio DES 262 Design Methods where students will be expected to demonstrate the ability to apply the skills and knowledge gained in this course into their studio design projects. The course is also the prerequisite to the third-year course DES 341 and ARC 361 Environmental design Studio where students will be expected to build upon this basic knowledge to develop advanced Site and Environmental Planning skills.

ARC 242 - Advanced Construction and Design Integration (2-2-3)
Prerequisite: DES 241

ARC 242 represents an enhancement to the technical knowledge on building systems and materials initiated in DES 241. It aims at enhancing a developed knowledge of construction systems and materials focusing on the detailed elaboration of the combinations of components within them. In particular, two intents are sought. First, enhancing awareness about the importance of detailing in relation to design; and second, enhancing understanding of; the specific relevance of sustainability to the detailing of components, the detailed properties of masonry, concrete, steel and wood systems, the elements in each (windows and doors, frameless glazing, stairs, lightweight façades, roofs, ceilings and partitions) and the specific properties of finishes. The course, prepares students to address the construction dimension in the following specialized design studios. It prepares for a greater understanding of building systems and their integration as taken in DES 341. It is linked to the design studio taken at the same semester by providing the background needed in the formulations of design proposals in ARC-262. It progresses into building components and their properties to a discussion of building materials. These include Doors, Glass, Windows and Frameless Glazing and detail, Flooring, Ceilings, Wood, Partition Walls, Stairs, Escalators and Elevators, Façade Systems, Lightweight Façade Detail, Roofs and Finishes (Stones, Ceramics, Wood, Stucco and Paints). The course is delivered through structured lectures, site visits and assignments focusing on researching materials and selected construction components (Frameless Glazing, Lightweight Façade, Flat and Inclined Roof).

ARC 262 - Design Methods (Studio) **(3-6-6)**
Prerequisite: DES 261

ARC 262 - Design Methods is the second Foundation Studio (4th Semester Studio) of the program. It aims at a further strengthening of the design capacity that was developed in DES 261 by focusing on the impact of the context(s) on the design is developed. Based on the insights on Form, Human Activities, and Construction gained by the first three studios of the program, the Studio introduces the impact must have the context(s) of the design project on the design thinking and process. It introduces the students to the importance of site exploration, the site forces' detection, the landscape characteristics, the historical references of the place, and the impact of all these on the formal, functional, and construction parameters on the design process. The Courses 'Site Planning & Landscape' and 'Advanced Construction & Design Integration' as well as History of Contemporary Architecture are the main supportive Courses of this Studio.

The studio also aims at enhancing a deeper exploration of the Design Development process and at achieving a structured application of the detailed Pre-Design activities of analysis and Schematic design formulations that are applicable to mid-size problems. It emphasizes creating a critical awareness about the cultural and natural factors surrounding architectural design, the history and construction, thoroughly analyzing generic design problems, elaborating space programs, formulating creative solutions, elaborating their intent in detail and finally creatively representing them. It progresses in architectural projects including submissions on Pre-design problem analysis, Schematic Design concept formulation and some Design Development

ARC 272 - Building Information Modeling **(2-2-3)**
Prerequisite: DES 271

This Lecture/Lab course will be based on both theoretical investigation and practical hands-on Building Information Modeling (BIM) authoring tools. It provides an understanding of the concept of BIM and the methodologies involved when planning with BIM. It explores how tools track various stages in the building's life cycle, from concept to construction and later demolition.

This course provides access to various BIM authoring tools to create full 3D architectural project models and set them up in working drawings. This course covers creating walls, adding site features, using massing tools, Rendering, and Walkthroughs, and using Advanced Features.

This course builds upon the introductory level course DES 271 where students will have their first interaction with CAD 2D and 3D platforms and introduce the students to the emerging standard of BIM that describes buildings as comprehensive digital 3D models enriched with substantial amounts of metadata (e.g. structural, costing, thermal).

ARC 321 - Research and Design Applications **(3-0-3)**
Prerequisite: LNG 173 & ARC 262

ARC 321 contributes to the architect’s essential critical thinking and research competencies necessary for the development of creative, critical, and speculative design thinking. The Course addresses the relationship between Research and Design. It reveals the importance of developing a research culture as a necessary condition for architectural innovations and the exploration of novelty in architecture. It aims to enhance the understanding of the way human culture is manifested in space and raise the skills to explore and experiment on new forms of space to host human activities. To achieve these educational objectives, the Course introduces the students to the procedures and methods to generate new knowledge, necessary for the design activity covering a spectrum from quantitative and qualitative methods to literature reviews. It invites students to elaborate on and familiarize themselves with the techniques, tools, and procedures each type of method implements, their connection with the design thinking and process, and the formal and ethical issues related to the research activity.

The Course uses as a vehicle general design topic and narrows them towards specific research questions that request the definition of research objectives and the methods to be adequately answered. It is a foundation to develop research competencies in the design activity in studios and in other courses. To achieve this, lectures, assignments, individual investigations and site visits will be utilized.

ARC 342 - Advanced Environmental Systems and Design Integration (2-2-3)
Prerequisite: ARC 242 & DES 341

ARC 342 addresses the responsive design decisions towards the natural environment and their implications on the creation of sustainable settings. It aims at enhancing knowledge and skills relating to active design resulting from various building systems. It focuses on understanding human comfort and environmental factors; the detailed considerations of lighting, mechanical heating and cooling and the strategies of minimizing energy consumption. Emphasis is also placed on selected specialized building systems relating to management, transportation, water, waste, fire safety and relevant code and design guidelines. The course enhances critical skills of assessing these systems in view of the particularity of design contexts. ARC 342, in focusing on active strategies, builds on the general knowledge of passive strategies gained in DES 341. It is linked to sustainability-related decisions in the design studios taken at the same and at the subsequent semesters. The course progresses from introducing the concepts of building systems in general to specialized topics covering air quality, ventilation, heating and cooling, water and waste, electrical lighting, transportation, energy use, signals, communication, and fire systems. It is delivered through structured lectures; site visits and varied practical work.

ARC 343 - Structures 1 (3-0-3)
Prerequisite: MTH 112, SCI 101 & ARC 242

ARC 343 - Structures 1 represents the first comprehensive exposure to the structural dimensions in architecture. It aims at enhancing understanding of the structural analysis and performance of buildings and of the variations among systems. In particular, it focuses on understanding the behavior of individual elements in structural system. It emphasizes the application of classical mechanics to compute and analyze forces, moments, stresses and deformation of structural elements. It enables the analysis and comparison of structural components and their reaction to external and internal forces as well as bending moments, basic strains, stresses and deflections. The course progresses from an exploration of the types of structure to an introduction of Equilibrium and Reaction to loadings. Focus will be placed on the analysis of statically determinate trusses (methods of joints and of sections) and structures (shear and bending moment diagrams) and on deflections analysis. The course will also give introduction to specialized structures involving cables, arches and steel. The teaching methodology is based on lectures, class exercises, assignments and exams.

ARC 344 - Structures 2 (3-0-3)
Prerequisite: ARC 343

ARC 344 Structures II represents the final exposure to the structural competency in the architectural curriculum to approximate the professional roles of structural engineers in the materialization of architecture. It aims at enhancing knowledge of the basic structural systems and that of the skills of designing simple structural elements. In particular, it focusses on enhancing; awareness about the importance and integration of structural systems in the materialization of design intents; knowledge about the varied types of structural systems and their elements and performance and finally, the skills of assessing structural systems in view of design parameters and of designing simple and basic elements. The course builds on ARC 343 relating to the analysis of structural elements. It aids the advanced design studios and the final graduation project in providing the necessary structural background. It connects with ARC 342 supporting the detailed elaboration of structural and environmental systems in a specialized mid-size design problem. The course progresses from a review of structural analysis to structural design. It covers the types and elements of concrete, steel and wood systems and their integration with architectural intents. Shear and Bending Diagrams and Load Types are examined in typical beams and frames. Focus is made on Concrete and its behavior covering Longitudinal and Transverse Reinforcement, Beam Design, Continuous Spans, Slabs, Columns, Walls and Foundations. Final parts of the course focus on Steel and Wood Analysis and Design. The course concludes with the design of typical reinforced concrete elements. To achieve this, comprehensive lectures and demonstrations will be utilized.

ARC 345 - GIS Applications in Architecture (3-0-3)
Prerequisite: ARC 342 or IND 342

This is a specialized course introduces students to information management systems in the practice of Architecture and Urban Design. The aim is to develop a comprehensive understanding of the concepts of Geographical Information Systems (GIS), the methodologies and the application areas. Students will develop an understanding of how GIS is utilized in urban design and architectural projects, the process of data collection, data management, data visualization and querying, analysis of spatial, geographical and cartographic data, ways of representing real world objects and features, 3D GIS models and the representation techniques for GIS projects. The course will be based on theoretical investigation and practical simulations and focuses on the integration of GIS in architecture and urban design projects. The course will facilitate innovative methods benefiting future architecture and urban design courses and graduation project. In order to achieve this: lectures, presentations, class discussions, workshops, site visits and seminars will take place.

ARC 361 - Environmental Design (Studio) (3-6-6)
Prerequisite: ARC 262 & DES 222

This is the third Foundation Studio offered by the Program. It is focused on the impact of natural, cultural, technological, ecological environments on the Design of the buildings. The Studio enlarges the natural environment's existing scope to incorporate all possible environmental considerations. It is designed to explore all these environments' impact on the formal, functional, Construction, and contextual elaboration and experimentations of architectural space. The Studio is supported by the Course 'Environmental Systems and Design Integration'.

ARC 361 Environmental Design Studio represents the middle ground in the design sequence linking earlier general and small-scale design tasks to subsequent specialized and large-scale problems. It aims at enhancing advanced Design Development level design thinking and practice in line with contemporary theory and at enabling students to develop and personalize their own design approach. It introduces the students to the natural, cultural, urban, ecological and technological environmental considerations that affect the design of buildings and the impacts that their designs have on the wider interior and exterior environments. It focuses on advanced Pre-Design activities of developing and refining design briefs, and the creative formulation, detailed elaboration and presentation of design proposals expected at Design Development stage. It progresses in two projects, which have unique environmental and cultural contexts to challenge the students to create specific environmental responses. To achieve this and in addition to the briefing and design activities, the course incorporates lectures, presentations, seminars, critique and site visits.

ARC 362 - Design Studio – Housing (3-6-6)
Prerequisite: ARC 272, ARC 343 & ARC 361

ARC 362 - Design Studio-Housing is the fourth Foundation Studio of the program. This Design Studio introduces the urban design scale and invites students to explore the housing as a vehicle to understand, study, and capitalize the experiences gained from the previous studios on the Design of the City's life. It investigates how the thinking on the urban collectivity and culture affects the designing the urban form and the living in the city.

More specifically, the studio aims at enhancing advanced and specialized design thinking focusing on urban housing problems, theory and design. Three specific intentions are sought. First, enhancing a critical awareness about the particularity of the housing and its connections to the urban context. Second, enhancing understanding of housing problems and approaches, the detailed design considerations, the design process as involving the formulation of Schematic Design alternatives and the connections between housing developments and their city and urban context. Finally, third, the course focuses on enhancing skills in developing housing Pre-Design briefs, formulating solutions to complex housing problems and elaborating them in detail and representing them to convey their design intent. The course, together with the other tree Foundation Studios, leads to the next urban design studio, integrated design studio, Institutional design studio and the final graduation project, thus concluding a comprehensive design sequence covering varied scales and complexities of architectural problems. It is utilizing knowledge of Research & Design Applications, structure and Advanced Environmental Systems & Design Integration taken at the previous and at the same semester respectively. The course is composed of a progressive introduction of housing theories and

principles and a parallel application on a specific design project. The project progresses from Pre-Design Phase (training, programming, data collection) to Schematic Design Phase (Analysis, Synthesis, development). And concludes with the Design Development Phase (communications, solution, presentation & professionalism).

In this process the student will go through a sequential step to achieve a complex and comprehensive design outcome. Through these sequential phases the student will gain knowledge in observation, measurement and inductive reasoning in the Pre-Design Phase. Critical skills in evaluation, judgement, deductive reasoning and decision in the Schematic Design Phase. And professional competencies such as description, translation and transmission in the Design Development Phase. To achieve this and in addition to the briefing and design activities, the course incorporates lectures, presentations, seminars, critique and site visits.

ARC 431 - Planning and Urban Design (3-0-3)
Prerequisite: ARC 362

ARC 431 contributes to the foundation of the specialized field of Planning and urban Design as professionally anticipated from architects. It aims at enhancing knowledge about the main concepts of planning and urban design and at enhancing the skill of analyzing them in published and real settings. In particular, it focuses on three intents: First enhancing awareness about the complex and diverse context of planning and urban design; second, enhancing knowledge about the framework of planning and urban design covering the evolution of cities and their role in history, the social implications of urbanization, the evolution of master plans, the structure and functions of the planning process and the contemporary issues relating to social justice, citizen participation, and resolving conflicts in planning; and third, enhancing the skills of analyzing theoretical positions and real urban contexts in relation to specified parameters. ARC 431 builds the theoretical background to prepare for advanced courses addressing the Urban Design studio and the Graduation project. It will support the Graduation project as a background of the theories linking the individual building to its urban context. It will similarly support the design studio taken at the same semester by providing the necessary background to address specialized institutional design problems. It progresses from an introduction of Urban Planning to address; the history and growth of cities; the evolution of modern planning, the functions of urban Planning, the definition and history of urban design, urban design theories and principles and finally to focus on urban design elements and processes. To achieve this, the course incorporates lectures, presentations, visiting speakers and projects with different themes for the class to examine, discuss, develop and present as a research assignment.

ARC 432 - Vernacular Architecture and Conservation (3-0-3)
Prerequisite: DES 222

ARC 432 represents the specialized preparation on vernacular architecture and conservation. The course aims at enhancing knowledge on architectural conservation and of the theoretical approaches towards vernacular architecture. In particular, it focuses on enhancing understanding of the local conservation organizations and their actions, international principles and guidelines in architectural, archaeological and urban conservation through the understanding of the charters of major conservation organizations, vocabulary and terminology that are used in the profession, material, technical and structural aspects of architectural conservation, the standards and framework of conservation drawings, and graphic representation of architectural and archeological conservation projects. The course progresses in two major projects where with the first one, the students will gain knowledge and understand and discuss the different implementations on architectural conservation, secondly the students will gain knowledge about vernacular architecture and their response to local needs and traditions and discuss and draw evaluations of local architectural conservation projects. In order to achieve this; workshops, lectures, site visits, class discussions discussing the local and international conservation examples will take place.

ARC 433 - Urban Studies Seminar (3-0-3)
Prerequisite: ARC 431

This course is a selective quest towards the advanced understanding of the theory and practice in urban design. The aim is to advance both of the knowledge of the contemporary and traditional planning and urban

design theories and their associated paradigms and the skills of analyzing their implications on urban form. In particular, two intents are presented; first, enhancing understanding the theoretical approaches on social and spatial dimensions of the built environments, and second advancing the skills of analysis and interpretation of social needs and urban patterns. The course will support advanced studio courses and the graduation project and builds on earlier concepts taken within the urbanism and environment subjects. It will introduce the theoretical dimensions focusing on the perceptual, social and on the functional and temporal dimensions of urban design. Practical assignments will examine urban contexts and concepts, issues, values, and emerging theories. The course is delivered through lectures, site visits, seminars and presentations.

ARC 441 - Building Code (3-0-3)
Prerequisite: ARC 362 & DES 371

ARC 441 - Building Code represents the systematic foundation and exposure to the legal framework in architectural formulation as anticipated by the public. It aims at enhancing understanding of the Building Code requirements and that of the skills of assessing them in the design context. In particular, it focuses on three intents. First, enabling a greater awareness of the impact of the Building Code on building design and about the tension of linking creativity to the limitations that are imposed by the code; second enhancing understanding of the components of the International and the local Building Codes in relation to safety, health and means of egress. Finally, third, enhancing the skills of interpreting Code requirements in relation to design intents, assessing buildings in terms of compliance with these requirements and applying them in the generation of new designs. The course builds on previously acquired knowledge in the areas of design, structure, construction, and environmental systems. It will provide an added challenge for the materialization of design ideas in the following design studios in creating detailed drawings with code based specifications. Similarly, it supports the assessment of specific Code occupancy requirements relating to the Housing design studio taken at the same semester. ARC 441 progresses from introducing the general regulatory context as reflecting the professional roles of architects to a discussion of the varied components of the International Building Code covering Occupancy Types, Size, Construction Types and Egress Requirements. It culminates in a comprehensive analysis of proposed or real buildings in term of compliance with some specific Code requirements. Lectures and theoretical presentations are combined with practical applications in the delivery of this course.

ARC 451 - Professional Practice and Project Management (3-0-3)
Prerequisite: ARC 362

This senior level course is the first course that introduces students to the practice of architecture. It focuses on areas of the professional Practice of architecture such as professionalism, professional ethics, and the techniques and processes used by the industry to bid, win and manage projects. It will also provide an overview of methods, techniques and tools used to manage Architectural Projects through both Pre contract and Post contract phases. The course has the following specific scope and components:

The profession of architecture and the role of the architect, professional ethics, design project stages, construction contracts and client - consultant agreements, pre & post contract services & management, project scheduling, time & cost management. The course connects the development of design skills during the previous years to the professional management of design projects in real world scenarios. It also builds upon the knowledge gained in ARC 541 Construction Economics, which will further introduce students to the economic models used in design and construction projects. The course will engage a wide variety of learning modes, including, lectures, group exercises, but will be strongly connected to the local profession and will include visits to Architectural Practices as well as guest speakers from all facets of the Local construction industry.

ARC 461 - Urban Study (Studio) (3-6-6)
Prerequisite: ARC 321 & ARC 362

This design studio is the first of the four Comprehensive studios of architectural curriculum focusing on urban design. It constitutes a deepening in the study of the urban environment. It aims to offer insight into the

complexity of the City's planning and Design conceived as a cultural manifestation in space and the environment into which Architecture is developed. The Studio is supported by the Course ARC 431 'Planning and Urban Design to establish a comprehensive base for the following studios and final project linking the specificity of the selected project to the general urban considerations.

The studio aims at enhancing advanced design thinking and abilities to address urban design problems. It focuses on four main intents. Firstly, it enables a greater awareness about the comprehensive nature and impact of urban design; Secondly, it facilitates an enhanced understanding of the research-oriented urban design process together with an introduction to the current problems and the strategies of addressing them and the detailed dimensions of the city context, the regulations and the overall socio-economic and cultural context. Thirdly, it emphasizes the development of enhanced research skills in examining urban design contexts and users' requirements, and, fourthly, it enables a greater refinement in the Pre-Design skills of developing and elaborating architectural briefs, and of formulating and representing comprehensive urban design strategies and their detailed elaborations. The course builds on the previous foundation design studios and provides the framework for deeper investigations anticipated in the Comprehensive studios of the fourth and fifth years of studies. ARC 461 progresses in an urban design project from general investigations of the urban hierarchy, building typology and urban form to the formulations of a detailed Pre-Design brief and a master plan to establish the general urban design directions. The project is then elaborated in Schematic Design stage to cover the urban blocks, systems and outdoor space. To achieve this, and in addition to briefing and design tasks, lectures, site investigations, seminars are utilized.

ARC 462 - Integrated Design (Studio) (3-6-6)
Prerequisite: ARC 272, ARC 342, ARC 344 & ARC 461

ARC 462 - Integrated Design is the second Comprehensive studio of the program. It aims at giving a professional attitude approaching the design theme by simulating a professional design process covering, articulating, and integrating all the design parameters and presenting their impact on the design decision making. It is supported by the Courses 'Professional Practice & Project Management' and 'Building Code.'

The ARC 462 - Studio represents the culmination of design thinking focusing on the technical dimensions of architecture as applied to specialized and large-scale problems. It aims at enhancing advanced design thinking focusing on the integrated conceptual and technical building systems. In particular; it enables an enhanced awareness about the interrelationship of the wider natural and social context with the building technology and an enhanced knowledge of the integrated design process covering the detailed stages of Design Development and Construction Documents. It focuses on the development and refinement of design briefs and on the creative formulation, and detailed elaboration of holistic building systems in design proposals. It is utilizing knowledge of structural design, environmental systems and working drawings taken earlier. It progresses in a project including submissions on Pre-Design problem analysis, Schematic design, Design Development and final design addressing building systems at Construction Documents level. The final submission will involve an integrated approach to accommodating spatial planning and internal circulation, structural and constructional systems, lighting environmental systems, codes, regulations and finishes. To achieve this and in addition to the briefing and design activities, the course incorporates lectures, presentations, seminars, critique and site visits.

ARC 521 - Research and Design Explorations (3-0-3)
Prerequisite: ARC 321 & ARC 441

ARC 521 represents the final culmination of research experimentation and briefing thinking necessary for the comprehensive graduation project. It aims to elaborate and formulate a theoretical stand on which the conceptual development of the Senior Project will be based. Its objectives are: To enhance the research and investigation skills, to direct the students towards a comprehensive and holistic study of the design parameters, to raise their understanding of the role of the research in the professional activity and the ways, the research outcome works as the driving force of their Senior Project design process.

In particular, the Course is developed on five complementary axes. The first is to expand students' awareness about the broader context and the associated theoretical positions relating to a particular societal or cultural

expectation. The second ax assures through literature review a refined pre-design knowledge related to the historical development of a selected building typology, the contemporary architectural approached to the design of this type of buildings, the relationships between the objectives of organizations, their users, activities and spatial requirements of this selected design theme, the broader connections of similar buildings to their urban context and the main constructional, environmental systems, sustainability and code considerations relating to this type of buildings. The third ax, documents critically and extensively all the necessary data related to the specific location, context, site of the selected design theme for the Senior Project. The fourth ax elaborates on the preparation of the detailed brief and design objectives for the Senior Project. By developing this systematic pre-design research, the Course creates the theoretical framework on which the students will elaborate the conceptual development of their Senior Project, the fifth intent of the Course.

The Course builds on the knowledge gained in ARC 321 - Research and Design Applications. It is delivered through lectures and presentations, fieldwork, individual research, and briefing work.

ARC 541 - Construction Economics (3-0-3)
Prerequisite: ARC 451

ARC 541 - Construction Economics establishes the professional foundations needed by architects on the financial dimensions of creating architecture. It aims at enhancing both of the knowledge about the main concepts and methods involved with cost in the building process and the ability to assess and create financial forecasts. It focuses on three intents. First, creating an awareness about the financial dimensions of the building procurement process; second, enhancing; knowledge of the fundamental concepts and methods associated with financial planning in pre and post tendering stages (detailed stage of construction documents and in-situ operations concerning site preparation, sub-structure and super-structure) in respect of cost limits and cost indices; and finally, developing the skills of estimating cost in briefing, schematic design, construction documents and on-site operations. The course builds on knowledge of structure, Working Drawings and the building construction and environmental systems taken earlier. It represents a comprehensive introduction to the impact of cost into design decisions of the final senior project. It connects with the Integrated Design Studio by providing the background framework on the impact of cost in the development and in the elaboration of design alternatives. It progresses from an initial introduction of Construction Economics focusing on Financial planning and forecasting and the stages of the building development process. The Cost planning will be discussed in detail in relation to Pre-design, concept Design, Detailed Proposal, Tender Documentation and On-site operations. The Course is structured to allow a focus on practical applications paralleling the lecture sequence.

ARC 561 - Design Studio – Institutional (3-6-6)
Prerequisite: ARC 342 & ARC 462

This advanced Design Studio is the third Comprehensive studio of the Program. This Studio continues the professional deepening and integration of the previous Comprehensive ones by experimenting on complex institutional buildings where students have to speculate, experiment and implement design ideas throughout all the previously experienced parameters in the previous Studios. It is the Studio, which will further elaborate on the design education's professional orientation, preparing students for their senior project.

More specifically, explores the complex, specialized, and large-scale design problems. It focuses on the detailed examination of institutional building types (Educational, Health, and Corporate, Administration, Culture…). The course connects the development of design skills to the specialized knowledge of building types. Design projects are viewed as vehicles to address, analyze, and question broader issues relating to particular types of buildings. The aim is to enhance the capacity to address such complex design problems and appropriately prepare students for their Senior Project.

To achieve this aim, theoretical investigations and design experimentations will explore 1 The formal aspects of the particular type of building in the light contemporary directions of architectural practice. 2. The human activities to be hosted by the designed building, examined as to their social, functional, and symbolic

particularities. 3. The Design objectives and Design strategies are emerging from the Conceptual understanding of the building. 4. The construction and structural particularities of the building and their impact on all stages of the design process. 5. The design project's sustainability and environmental considerations and their impact on all stages of the design process. 6. The codes and Universal Design standards and their impact on design decisions. The emphasis will be placed upon the comprehensive elaboration of all the design theme parameters to simulate the environment in which design projects are developed in professional practice. The course will engage a wide variety of learning modes, including self-study and group-work. Both will approach design with a research orientation creatively exploring innovative proposals

ARC 562 - Senior Project – Design (Studio) (3-6-6)
Prerequisite: DES 351, ARC 344, ARC 432, ARC 521 & ARC 541

ARC 562 represents the final culmination of the comprehensive, integrated design thinking as the transition between architectural education and a professional career. It aims to enhance and advance comprehensive abilities and demonstrate their achievement on an individually selected unique design problem. It focuses on five main intents. First, refining awareness about the general roles of design on making a change in peoples' lives; Second, refining the critical ability to raise questions and abstract ideas. Three, advancing the ability of refining user requirements and reinterpreting them within a thematic design orientation. This will ensure a refined understanding of the comprehensive, integrated design process, the integration of conceptual and technical dimensions of specialized design problems, the integration between buildings and their urban context, and the constructional, environmental, and specialized building systems, sustainability, and code considerations. Five, advancing the ability of creatively formulating comprehensive and unique solutions, synthesizing responses to specific human needs, and elaborating in detail the combinations of building components. In culminating design thinking throughout the curriculum, the course builds on the theoretical investigations of related topics and the analysis (precedents, function, site, sustainability, code, and symbolism) and explorations made in ARC 521. Additionally, it utilizes the ARC-561 - institutional design to prepare students for their senior project. It requests the completion of the design brief and comprehensive documentation of the design intent, the detailed explorations of Building Codes in ARC 441, and the integration of building systems in ARC 362. It is also supported by ARC 451, exploring the management of the design process and its professional delivery. It progresses in submissions covering concept design, preliminary design, Schematic Design, Design Development, Technical Documentation, and final design, demonstrating the link between the particular design intent and its detailed elaboration. In addition to individualistic design activity, the course is delivered through seminars, critique, and presentation with submissions to juries.

BCS 101 - Elements of Computing (2-2-3)
Prerequisite: None

This course provides an introduction to algorithms: their definition, design, coding, and execution on computers. Students will learn the syntax and semantics of programming language including variables, data types, expressions, and assignment; program flow of control; conditions; and loops. Students are provided with a thorough conceptual grounding in computational problem solving before introducing them to specific programming language syntax, giving them the background to become successful programmers in any language. Intended for students who have no programming experience.

BCS 102 - Introduction to Computing Science I (2-2-3)
Prerequisite: BCS 101

Introduction to numbering systems and representation, design and analysis of algorithms. Control structure such as recursion. Data structures: structures, sequences, linked lists and references. Elementary searching and sorting. Introduction to assertions and loop invariants. Introduction to numerical computation. Documentation, testing and debugging.

BCS 201 - Logic for Computing Science (3-0-3)
Prerequisite: MTH 120

Elements of mathematical logic with computing applications. Formal proof systems for propositional and predicate logic. Interpretations, and satisfiability. Introduction to soundness, completeness and decidability.

BCS 202 - Introduction to Computing Science II **(2-2-3)**
Prerequisite: BCS 102

Introduction to object-oriented design, architecture, and programming. Use of packages, class libraries, and interfaces. Encapsulation and representational abstraction. Inheritance. Polymorphic programming. Exception handling. Iterators. Introduction to a class design notation. Applications in various areas.

BCS 203 - Software Specifications **(3-0-3)**
Prerequisite: BCS 201 & BCS 202

This course covers the different popular techniques used for specifying the behavior of software, with applications of these techniques to design, verification and construction of software. The topics in this course cover the Halting problem, Church-Turing thesis, context-free languages, and logic-based techniques such as loop invariants and class invariants. Students will acquire knowledge about computability issues in software specifications, automata, grammar-based techniques, with applications to scanners, parsers, user-interface dialogs and embedded systems. The course is designed to familiarize students with the foundations and principles of computer science and to strengthen the students ability to carry out formal and rigorous mathematical arguments as well as using state diagrams.

BCS 204 - System-Level Programming **(2-2-3)**
Prerequisite: BCS 102

The course covers the basic concepts of Unix-like systems and Unix/Linux Shells and scripting. Then, it provides deep coverage of System-level programming in C language. Thereafter, Software development tools and packaging techniques are introduced.

BCS 205 - Programming Paradigms **(3-0-3)**
Prerequisite: BCS 201 & BCS 202

This course introduces the different paradigms of programming languages such as functional, logic, and object-oriented programming languages and provides students with tools necessary for the critical evaluation of existing and future programming languages. Coverage includes topics varying from basic to advanced, in areas such as syntax and semantics, Scoping, Type checking, binding, data abstraction, exception and event handling. In addition, it covers Logic programming languages (such as PROLOG) and Operational interpretation of predicates and terms; concurrency support, functional programming (such as LISP and Haskell), and object-oriented programming.

BCS 206 - Information Structures **(3-0-3)**
Prerequisite: BCS 202 & MTH 203

Design and implementation of advanced data structures, related algorithms, and their applications. Efficient implementation of lists, sets, dictionaries, priority queues, trees, graphs, and networks using linked lists, hash tables, heaps, and hierarchical linked structures. String and graph problems, such as string matching and shortest path, are covered.

BCS 301 - Operating Systems **(3-2-4)**
Prerequisite: BCS 206 & ENG 210

Evolution of computer systems: batch processing, multiprogramming, multi-processing, real-time, time-sharing, distributive systems; Process allocation; Process communication and synchronization; Deadlock management and handling; Memory management; Virtual memory systems; Resource allocation algorithms; File system implementation.

BCS 302 - Scientific Computing **(2-2-3)**
Prerequisite: BCS 102 & MTH 114

This course is designed to help students obtain numerical solutions to problems in engineering and science. The course introduces MATLAB as an interactive computing system and as a programming language. Students will then progress to the core techniques of numerical methods and use them to solve otherwise unsolvable problems of modern technological significance. Topics covered by this course are; Basic Root-finding procedure; fixed-point iteration; bisection; newton's method; roots of polynomials; solving systems of equations; least-squares fitting of a curve to data and numerical solutions of ordinary differential equations.

BCS 303 - Security Principles and Practices (3-2-4)
Prerequisite: BCS 206

This course introduces security theory and practice. Several Security threats, Risks, Vulnerabilities, and countermeasures are explored and explained. Topics include: several viral threats such as Trojan horses, viruses, and worms; Identification, Authentication and Authorization; password-based security, multilevel security and Access control; overview of Cryptography, an Operating system security; Network attacks, Firewalls and intrusion detection systems; database and Cloud Computing security.

BCS 304 - Data Mining (3-0-3)
Prerequisite: BCS 202, MTH 203, MTH 130, & MTH 114

Fundamentals of data processing and mining; Understanding the attributes of data, pattern mining, supervised and unsupervised learning, neural networks, support-vector machines, decision trees, metric-based clustering, data warehousing, classification, distribution-based clustering, rule-based techniques, clustering graphs, clustering high-dimensional data.

BCS 305 - Software Architecture (3-0-3)
Prerequisite: BCS 203 & BCS 206

This course covers information system concepts and the system development process. Coverage includes Structured systems analysis and design methodologies, functional decomposition, data flow diagram approach (DFD), and information modeling. The course emphasizes the development phase of analysis, the application of structured methods, and the use of tools. Students will learn how to evaluate the quality of a new system, and they will explore object-oriented analysis and design (OOA & OOD) models using industry standard UML techniques. Students will also learn how to use abstractions and patterns of interactions and relationships among modules, design recovery, and testing.

BCS 306 - Database Management Systems (2-2-3)
Prerequisite: BCS 201 & BCS 202

Data models: relational, entity-relationship. Relational query languages: relational algebra and SQL. Relational database design. Application interfaces and embedded SQL. Storage and indexing.

BCS 307 - Digital Systems (3-2-4)
Prerequisite: ENG 210

This course introduces the principles of digital systems and covers both traditional and modern methods of applying digital design and development techniques. Topics includes: Logic gates, combinational circuits, logic simplification, sequential circuits, hardware description languages (HDL), HDL-based digital design, VHDL hardware description language, combinational and sequential logic design practices, state machine design and synthesis, register-level design, FPGA implementation.

BCS 308 - Communication Networks (2-2-3)
Prerequisite: BCS 301

Fundamental concepts in the design and implementation of computer communication networks, protocols, and applications. Overview of network architectures; applications; network programming interfaces (e.g., sockets); transport; congestion; routing and data link protocols; addressing; local area networks; wireless networks; mobility management.

BCS 309 - Algorithms I **(3-0-3)**
Prerequisite: BCS 201 & BCS 206

This course introduces the principles of design, analysis, and implementation of efficient algorithms. Coverage includes growth of functions theory and the Divide and Conquer paradigm and explores some different types of algorithms such as Sorting, Tree and graph algorithms. Then, it covers the Dynamic Programming and Greedy Paradigms. It follows by an overview of algorithm complexity and NP-Completeness. In addition, the course gives an exposure to Computational Geometry and String-Matching algorithms.

BCS 400 - Network Operating Systems **(2-2-3)**
Prerequisite: BCS 301

Characteristics of the Linux and Windows network operating systems; installation procedures; Security issues; Back up procedures and remote access; Directories and naming systems; Dynamic Host Configuration Protocol (DHCP); Active Directory; Manage accounts and client connectivity; HTTP and FTP server.

BCS 401 - Ethics for Computing Professionals **(3-0-3)**
Prerequisite: None

This course covers the topics of ethics for computing and IT professionals, users and organizations. To fully assume responsibilities towards society the computing professional should consider social implications impacts of technologies. Topics include: rights and responsibilities of IT professional, professionalism and codes of ethics, ethics for computing workers and IT users, Understanding ethical related issues to privacy and freedom of expression, Analyzing IT security incidents, ethics related to intellectual property, software development and social media.

BCS 402 - Computability and Complexity **(3-0-3)**
Prerequisite: BCS 203 & BCS 309

This course is an introduction to models of computation, computability, and complexity. The course introduces important concepts from Computability and Complexity theory. Topics covered: theoretical limits of algorithmic computation, Finite automata and regular languages, Turing machines, Resource bounded complexity, Relationships between complexity classes, Savitch's theorem and Rice's theorem.

BCS 403 - Advanced Database Systems **(3-0-3)**
Prerequisite: BCS 206 & BCS 306

Topics include the presentation and storage of data, implementation concerns, and the integration of databases with other areas of computer science. The course examines the topic of big data by looking at the properties of database systems that store and manage different types of big data, namely structured data, unstructured data and streaming data.

BCS 405 - Artificial Intelligence **(3-0-3)**
Prerequisite: BCS 205 & BCS 206

This course provides an introduction to the basic principles and tools of artificial intelligence. It covers problem solving methods and knowledge representation techniques, state-space search techniques, rules, expert systems, frames, semantic nets, and propositional and first-order predicate logic in order.

BCS 406 - Computer Graphics **(3-0-3)**
Prerequisite: MTH 114 & BCS 206

This course introduces students to the basic ideas of computer graphics including creating and displaying geometric models, understanding the mathematics of transformations, camera specifications, and the standard models used in representing light, color, reflectance. They will also learn the limitations of these models. The course also includes basic graphics applications and the user-interface concerns, design trade-

offs and compromises necessary to make them efficient, possibly ending with some special topic like creating simple animations or writing a basic ray tracer.

BCS 410 - Computer Science Project (6-0-6)
Prerequisite: Completed 90 Credit Hours

The project is an opportunity for the students to identify and analyze specific problems related to their major of study, design and implement appropriate solutions for them, and interpret and validate test results under the supervision of a faculty member. They are expected to engage in self-learning while, possibly, working as a member of a project team.

BIO 100 - Unifying Life Processes (3-0-3)
Prerequisite: None

The unity underlying all life forms is explored through examination of the cell, and the biological chemicals, structures, and processes that govern cell organization, metabolism, communication, integration and reproduction. Major topics include respiration and photosynthesis; regulation of the cell cycle; features of multicellularity; DNA structure, function, and repair; gene expression and regulation; mitosis and meiosis; patterns of inheritance; microbial genetics.

BIO 102 – Biology I (2-2-3)
Prerequisite: None

This course introduces the students to the basic knowledge of the human body with emphasis on understanding human biological mechanisms and processes, the human body's structure and functional organization. Interactive laboratory sessions allow students to better understand the interrelation between the structure and function of the human body. Topics include introduction to biology, a view of life, cell structure and function, organization of the human body, skeletal system, cell division, genetic inheritance, and aging process.

BIO 202 - Biology II (2-2-3)
Prerequisite: BIO 102

This course provides a comprehensive and integrated knowledge of the human systems structure and functions through understanding biological mechanisms and processes. Topics include human body structure and functions, cardiovascular system, digestive system, muscular system, nervous system.

BIM 441 - Building Information Modeling and Quantification (2-2-3)
Prerequisite: 300 Series

This course prepares students in the knowledge and skills to create Building Information Models, to derive 2D, 3D, and quantitative data from the model, and interface that data with 3rd party applications optimized for quantification and data analysis. The course draws upon and advances on knowledge and skills previously gathered in ARC 272-Intoduction to BIM. The course delivers knowledge and skills valuable to the 4th year studio courses of the BIM program. The course will be delivered through lectures, computer-based workshops, and digital content delivery.

Building Information Modeling is continuously gaining in importance throughout the Architecture Engineering Construction (AEC) sector. It will replace the centuries old metaphor of the 2D drawing with that of the 3D computer model augmented with metadata. This new communication paradigm requires new skills and competencies throughout the industry. This course exposes students to an advanced level of BIM. Covered topics include development of a building at a medium sized scale, integration of different trades and services into one building model. Students will explore various modes of collaboration (sequential and parallel). It will expose students to methods of distilling varying levels of information from the 3D, different 2D projections, and calculated data with varying content for different parties in the design and construction process. Emphasis will be placed on the work across different BIM applications and 3rd party applications, e.g. spreadsheets using standardized interfaces.

BIM 442 - BIM Simulation and Parametric Design (2-2-3)
Prerequisite: 300 Series

This course prepares students in the knowledge and skills to create Building Information Models, to program and simulate them to make predictive statements about the future behavior of Buildings. It draws upon and advances on knowledge and skills previously gathered in ARC 272. It delivers knowledge and skills valuable to the 4th year studio courses of the BIM program. The course will be delivered through lectures, computer-based workshops, and digital content delivery.

Building Information Modeling is opening an entire field of opportunities for building design. While many aspects of the future behavior of buildings in the past remained elusive during the planning stage, computers permit to simulate the future behavior of buildings at an ever-increasing level of detail. Costly investment decisions become manageable as the computer permits easy simulation of what-if scenarios and correlation to costs thus the ability to provide clients with data to make competent investment decisions. It elevates designers to a level of competency about their own designs that was unknown until fairly recently.

BIM 443 - Building Information Management (2-2-3)
Prerequisite: 300 Series

This course prepares students in the knowledge and skills to create Building Information Models, to manage their creation, editing and the entire information workflow between all the parties involved in the planning process. It draws upon and advances on knowledge and skills previously gathered in ARC 272. It prepares students for their work in the 4th year studio courses of the BIM program. The course will be delivered through lectures, computer-based workshops, and digital content delivery.

Building Information Modeling is a field that is dramatically expanding together with the abilities of computers. The software applications become more complex, the planned buildings, as well as, the involved parties increase in size and complexity. All this requires proper management which led to the development of a new job profile, that of the Building Information Manager. This individual develops, defines and manages the creation of data, access to it, and flow of data between all participants in the process of planning, construction, and operation of a building. This course focuses on the development of these managerial capabilities in the field of BIM. This includes (but is not limited to): development of strategies and policies for model creation, access rights, and acquisition of specialized data.

BIM 444 - MEP Modelling (2-2-3)
Prerequisite: 300 Series

The primary objective of this course is to teach students the concept of building information modelling and introduce the tools for parametric engineering design and documentation using BIM- MEP. It aims to develop a comprehensive insight and holistic understanding of the concept of Building Information Modeling (BIM) and the methodologies involved with planning BIM-MEP. This course is an advanced series course in the curriculum and delivered in conjunctions with design studio work BIM 461.

At this level the student will be introduced to the most current BIM authoring tools in MEP for construction and documentation. Students will also learn the recommended workflows and basic skills required to navigate. This course proceeds to introduce users to the software's user interface and the basic HVAC, electrical, and piping/plumbing components using powerful and flexible engineering modeling tools. The course will also familiarize users with the tools required to create, document, and print the parametric model.

Upon completion of this BIM MEP course, the examples and practices are designed to take the student through the basics of a full MEP project from linking in an architectural model to construction documents. Students will know how to create basic floor plans, design electric circuits and lighting systems, model air intake and exhaust systems, create plumbing plans, and design fire alarm and sprinkler systems, and document the designs for construction and fabrication.

This course is delivered through a combination of lectures and tutorials workshops in computing lab.

BIM 461 - BIM Specialized Design (Studio) **(3-6-6)**
Prerequisite: 300 Series

This studio is the core specialized studio course for the Building Information Modeling (BIM) specialization. As such it focuses on the integration of BIM into the digital design process. Emphasis will be placed on the procedural aspects of BIM, definition of rules and templates. Throughout the semester the student will work one building design project of a medium scale and through its course exercise various aspects of BIM. Students will expand on the integration of various services and aspects of design under the paradigm of BIM. The project will be organized in a team environment (sequential and parallel work methodologies) in which students will exercise managerial aspects of BIM, different visualization techniques (2D and 3D) and simulations. Furthermore, students will exercise the data exchange with other BIM applications, spreadsheets, project management software. Communication with different platforms (smartphone, tablets) will be explored.

BIM 462 - BIM Senior Project – Design (Studio) **(3-6-6)**
Prerequisite: ARC 272 & BIM 461

This is the second of two studio courses that are structured toward delivery of the student's specialization in Building Information Modeling (BIM) in tandem with to architectural design. The design project is substantially devised by the individual student although must be approved by the faculty. It is concerned with the finalizing of a design process which commenced with investigative studies in BIM Specialized Design (BIM-461). In parallel students will complete the chosen BIM concentration elective, thereby providing a theoretical and intellectual base for the senior architectural project.

Each student will develop a proposal that will encompass aptitudes, design interests, strengths, and specific BIM objectives. Consequently, this should be regarded as a capstone course, which will reflect a thorough and independent understanding of the process and best practices of Building Information Modeling (and Management), both referred to as BIM. The ability to integrate BIM into architectural design will indicate professional aptitude and abilities. Throughout the semester different aspects of BIM, such as quantification, quality control, communication with different parties and their software applications, simulation, and visualization will be exercised.

On commencement of formal studio design work each student must have successfully completed an investigative report of the building process followed by concept design/outline for the design proposals of the process approved by the Senior Project Committee. The course will conclude with presentations to a professional jury with the Senior Project Committee.

BSD 310 - Game Design **(3-0-3)**
Prerequisite: BCS 202 & BCS 206

An introduction to techniques for designing elementary computer games. Topics will include game development tools and processes, principles of game design, game prototyping and game evaluation.

BSD 311 - Human Computer Interaction **(3-0-3)**
Prerequisite: BCS 206

Developing usable software requires that human factors be considered throughout the design and development process. This course introduces a series of techniques for developing and evaluating usable software and shows how these techniques can be integrated into a process for software development.

BSD 312 - Software Quality **(3-0-3)**
Prerequisite: BCS 204

This course focuses on software engineering techniques that are relevant to software product engineering. The covered topics include description of software process models, and validation of software throughout the life-cycle. Students will acquire the necessary skills to effectively compare formal methods in defect removal (proofs of correctness), inspection (walkthroughs and reviews), and testing (unit, integration, and

system testing; white box versus black box). Students will also learn to evaluate software complexity and implement quality requirements.

BSD 313 - Advanced User Interface Design (3-0-3)
Prerequisite: BSD 311

This course is designed to introduce students to advanced practices and tools of the User Experience (UX). Students will learn: UX Methods for Agile Development and its drawbacks, Affordances Demystified, Interaction Cycle and the User Action Framework, difficulties in using and interpreting UX design guidelines, connections and differences between software engineering (SE) and UX lifecycles, and applying the UX process within organization.

BSD 402 - Formal Methods (2-2-3)
Prerequisite: BCS 305

This course covers basics of formal methods with a breadth content useful for the design of software engineering and information security. First, techniques for modeling and formal analysis of computing systems will be presented, considering applications in software, hardware, and security. Coverage will include classical logic, program semantics, rewriting, reactive systems, temporal logic, model checking, and abstraction. The course will explore ways these methods can be used to build reliable software, hardware, and security protocols. Students will practice various tools including theorem proving, Software correctness verification and model checking tools.

BSD 403 - Software Requirements (3-0-3)
Prerequisite: BCS 305

This course introduces students to an integrated approach to discovering and documenting software requirements. The course provides students with the necessary tools to improve the quality of the requirement elicitation and development process by focusing on the four basic steps in software requirements engineering; elicitation, analysis, specification, and validation. Students will learn some of the best practices and techniques to reduce project risks and improve project quality.

BSD 404 - Algorithms II (3-0-3)
Prerequisite: BCS 203 & BCS 309

This course addresses advanced topics in algorithms. It builds upon the course BCS-309: Algorithms I to expand the student knowledge with deeper algorithmic skills. Topics include advanced topics in Dynamic Programming and Greedy methods; Sorting Networks, advanced Matrix Operations; advanced Linear Programming: The simplex algorithm, Duality; Polynomials and Efficient implementation the Fast Fourier Transform; Number-Theoretic Algorithms and cryptosystem applications; Advanced String matching and Computational Geometry concepts; Approximation Algorithms.

BSD 410 - Software Design Project (6-0-6)
Prerequisite: Completed 90 Credits

BSD 410 is the capstone course of the Software Design Program (SODE). Student will apply software design theories and techniques learnt earlier to develop relatively complex software systems as solutions to specific problems. In consultation with the supervisor, the student will choose a project, analyse its solution requirements, design, implement, test and validate the system.

BSM 100 - The New Business: From Idea to Reality (2-2-3)

Prerequisite: None

This course focuses on the steps necessary for the idea of a visionary to be transformed into a viable business. Topics include idea generation, understanding the market and customer needs, analyzing the competition, the transition from an informal to a formal organizational structure, financing the business, developing realistic budgets and operating within the political, economic, legal and socio-cultural constraints of the external environment.

BSM 200 - The Growing Business: Breaking Even **(2-2-3)**

Prerequisite: BSM 100

This course focuses on the firm as it progresses beyond its start-up phase and embraces a more management-focused orientation. Topics covered include governance structures, leadership, human capital recruitment, development and retention, financial stewardship, essential financial tools for decision-making, operations management, industry analysis, strategy development and execution.

BSM 300 - The Mature Business **(2-2-3)**

Prerequisite: BSM 200

This course focuses on the company as it seeks to dominate its markets. Topics include global expansion, tapping into capital markets, initial public offerings, debt financing, financial control, reporting and accountability, encouraging and managing innovation and change, corporate ethics and social responsibility, reputation management, and strategies to thrive in the dynamic external environment.

BUS 205 - Social and Digital Media **(3-0-3)**

Prerequisite: None

This course introduces the students to the basic concepts of: establishing the first presence of the business project on the web. This includes designing the web & mobile sites, online marketing techniques and online analytics. The course is taught through the implementation of different stages as part of an online business project with special focus on integrating social media.

BUS 310 - Project Management **(3-0-3)**

Prerequisite: Completion of 60 Cr. Hrs.

This course provides the student with tools ensuring the maximum of success in his future Engineering & IT related projects. Poorly or wrongly managed projects usually lead to deliverables behind schedule, and/or over budget. In this course, student will learn about the nine project management knowledge areas, namely:

1. Project Integration Management
2. Project Scope Management
3. Project Time Management
4. Project Cost Management
5. Project Quality Management
6. Project Human Resource Management
7. Project Communications Management
8. Project Risk Management
9. Project Procurement Management

BUS 311 - Engineering Economy **(3-0-3)**

Prerequisite: MTH 130

This course gives provides basic concepts of engineering economics by focusing on the theoretical and conceptual financial project analysis. Topics include: Engineering economic decisions, interest, cost of money, nominal and effective interest rates, changing interest rates, mortgages, describing project cash flows, internal rate of return criterion, comparing mutually exclusive alternatives, applications of economic evaluation techniques, design economics, depreciation, natural resource allowances, income taxes, developing project cash flows, capital budgeting decisions, personal investments, inflation and economic analysis, project risk and uncertainty, computer simulation.

BUS 400 - Internship **(3 Credits)**

Prerequisite: 90 Credits & CGPA ≥ 2.0

An internship experience provides the student with an opportunity to explore career interests while applying knowledge and skills learned in the classroom in a work setting. The experience also helps students gain a clearer sense of what they still need to learn and provides an opportunity to build professional networks.

CMN 210 - Text, Image and Sound **(3-0-3)**
Prerequisite: None

In the contemporary city, we are surrounded by artifacts, such as advertisements, that attempt to persuade us to buy, believe or behave in certain ways. This course provides students with the analytical tools to understand the ways that text, image and sound work together to create persuasive objects. Using concepts from a wide range of theoretical frameworks related to communication, this course focuses on elements of design and shows how to identify the ways that text, image, and sound interact to create persuasive messages.

CMN 211 - Language and Power **(3-0-3)**
Prerequisite: CMN 210

Powerful texts such as influential news stories, government policies and legal decisions help shape our lives. Using concepts from critical discourse analysis, this course introduces students to the basic analytical vocabulary and tools to understand ways that powerful texts work. Students will learn to identify the linguistic techniques that characterize the important documents that affect our social worlds. They will have opportunities to respond to these texts.

CMN 269 - Countercultural Communication **(3-0-3)**
Prerequisite: CMN 211

This course examines the complex relationships between conventional and countercultural communication practices. Investigating countercultural forms, spaces, and acts such as graffiti, comix, memes, zines, culture jamming, body modification, viral videos, and others, the course will consider how these novel and often subversive communication practices influence and alter conventional forms. Countercultural communication can drive innovation; its original voices, forms, practices and idioms can be adapted and applied to bring new life and power to conventional contexts and forms.

CMN 279 - Introduction to Professional Communication **(3-0-3)**
Prerequisite: None

This case-based, interactive course introduces students to contemporary strategies of successful communication in professional contexts. Students learn how to analyze audience, situation, and medium to create messages that respond to practical challenges and build productive relationships. Students develop sensitivity to language and tone, learn to organize and convey ideas and information, and select the best means to accomplish their intended purposes.

CMN 305 - Strategic Public Relations **(3-0-3)**
Prerequisite: None

This course examines the principles and application of effective public relations in the context of professional communication. Students will study the history of public relations and its role in society today, as well as the concepts underlying the field and how to employ them in strategic planning, image management, advocacy, and media interaction. Learning will be case-based and include practical exercises and simulation activities.

CMN 313 - Organizational Problem Solving/Report Writing **(3-0-3)**
Prerequisite: CMN 210

Organizational Problem Solving and Report Writing focuses on the selection, treatment and solution of a complex problem in an organization, through the development and preparation of a formal, analytical report. Students learn how to identify a problem, define its purpose, customize a message for multiple audiences, create a work plan, apply primary and secondary research methods, and structure an argument logically and persuasively. Students will strengthen their critical thinking skills as they evaluate findings and formulate conclusions and recommendations.

CMN 402 - Theorizing Communication **(3-0-3)**
Prerequisite: None

This foundational course introduces students to the main schools of thought that comprise communication theory. Its objectives are to understand the interdisciplinary complexity that constitutes communication studies, to appreciate how theories allow scholars to build a body of knowledge in an organized and synthesized way, and to explore how the theories presented have implications and applications in our own lives as communicators.

CMN 448 - Introduction to Visual Communication (3-0-3)
Prerequisite: CMN 210

This course introduces students to the study of Visual Communication. Students explore and engage how visual images persuade us to act, think, and feel, and will also learn vocabulary and concepts related to visual meaning-making. Students will focus on the ways images can be rhetorical and persuasive within professional and social contexts and how visual images manipulate and become manipulated by a surrounding visual culture.

CMN 450 - Participatory Media Communication (3-0-3)
Prerequisite: None

Students will investigate the critical and technological facets of participatory culture. Individuals with Internet access have the ability to take part in digital conversations on topics ranging from entertainment to politics. Skills in the digital composition of text, image, and audio are developed through the production of podcasts, video, blogs, and other platforms. These compositional and technical skills will be deployed using strategies that move consumers of media to become media producers participating in digital dialogues. Students will also explore ethical aspects of participatory culture.

CMN 470 - Risk and Crisis Communication (3-0-3)
Prerequisite: RTA 402

All organizations must manage risk and crisis in order to avoid damage or ruin. This course investigates the components of risk and crisis management and the media channels, including social media platforms, available to communicate related messages to an organization's audiences. Using case studies, video clips, and practical applications, students will understand and analyze the process of perceiving, handling, and communicating about risk and crisis and gain experience in these areas through online simulations.

COM 310 - Coding and Information Theory (3-0-3)
Prerequisite: MTH 130

This course introduces the theory and practice of coding and information theory for applications in the communication field. Topics include: Discrete Sources, Channels and Channel Capacity, Shannon's Coding Theorems, Run-Length-Limited Codes, Linear Block Codes, Cyclic Codes, Convolutional Codes, Trellis Coded Modulation, Bit Interleaved Coded Modulation, Turbo Codes, Low Density Parity Check Codes, and Coding for the Fading Channels.

COM 311 - Signals and Systems (2-2-3)
Prerequisite: MTH 220

This course covers, Continuous and discrete-Time Signals and System, Continuous and Discrete Linear Time-Invariant Systems, Fourier series, Fourier Transform and Applications, sampling and Laplace transform.

COM 320 - Telecommunications (2-2-3)
Prerequisite: COM 310 & COM 311

This course provides an introduction to Communications systems. The following topics are covered: components, signals and channels, sampling, quantization, PAM, PCM and Delta modulations, quantization noise, time division multiplexing, performance criteria, bandpass transmission, digital modulations (ASK, FSK, PSK and quadrature shift keying).

COM 321 - Advanced Programming in Telecommunications (2-2-3)
Prerequisite: NET 120

This course focuses on implementing telecommunication protocols and network applications. It proposes Java as a implementation language. It includes the following topics: Client-server Architecture, Databases handling, Java and Web Applications (Servlets, JSP, JavaScript), interface connections (USB, serial Port, Bluetooth Port), Java to micro edition (J2ME) and mobile applications…), Introduction to the implementation of Network security (Cryptography and steganography).

COM 322 - Applied Electromagnetics (2-2-3)
Prerequisite: ENG 222

This advanced electromagnetics course is focusing on typical and modern applications. Without excessive recourse to mathematics, the course provides a solid grounding in antennas, fibers and propagation, covering satellite and terrestrial radio systems for both mobile and fixed contexts. Ttopics include: Plane-Wave Propagation, Reflection, Transmission, Antenna Principles, Antenna parameters, practical diploes, antenna arrays, horn antennas, loop antennas, Helical antennas, Patch antennas, Terrestrial Fixed Links, tropospheric refraction, Multiple Knife-Edge diffraction, Satellite Fixed Links, tropospheric effects, ionospheric effects, satellite earth station antennas, Macro-, Micro- and Picocells, shadowing, propagation within buildings, widebande and ultra-wideband effects, Single-mode Fibers, Dispersion and compensation, Software for Applied Electromagnetics.

COM 411 - Digital Filter Design (3-0-3)
Prerequisite: MTH 220

This course provides an introduction to digital signal processing and its applications. Topics include: Discrete time signals and systems, z-transform, Discrete Fourier Transform, Computation of the Discrete Fourier Transform, Structures for discrete time systems, Design of Nonrecursive Filters (FIR), Design of Recursive Filters (IIR), and Multirate signal processing.

COM 412 - Digital Communications (2-2-3)
Prerequisite: COM 320

This course provides a balanced coverage of digital communication systems. Topics include: pulse code modulation, baseband transmission of digital signals, bandpass transmission of digital signals, synchronization, diversity, equalizers, multiple access, orthogonal frequency division multiplexing, spread spectrum systems.

COM 413 - Communication Systems (2-2-3)
Prerequisite: COM 320

This course provides a balanced coverage of both digital and analog communication systems with focus on design. It develops in the student the ability of using both mathematical and personal computer methods (MATLAB essentially) to analyze, design, simulate and evaluate modern communication systems. Topics include Modulation and multiplexing methods, Performance of communication systems, Wire and wireless communication systems, RFID systems.

COM 420 - Optical Communications (2-2-3)
Prerequisite: COM 320

This course covers optical propagation, step index fibers, graded index fibers, absorption and dispersion in optical fibers, optical fiber cables and connectors, Optical Sources and Amplifiers, Light Detectors, Couplers and Connectors. Optical Modulation, Multiplexing Techniques, and switching. System Design and Trends in optical systems.

COM 421 - RFID Technology (2-2-3)
Prerequisite: COM 320, COM 321 & COM 322

RFID (Radio Frequency Identification) is a technology combining wireless techniques and Electronic Product Code (EPS) aspects. It is rapid expanding and impacts business and society. This course handles technical underpinnings as well as specific segments of the market of RFID. The course is application and design

oriented: RFID in the Automotive Industry, in Cattle Ranching, in Health Care, in Manufacturing, in Marine Terminal Operation, in the Military, in Payment Transactions, in Retailing, in Transportation, in Warehousing and Distribution Systems. It also includes non-technical topics, and use throughout the world: Australia, China, France, Germany, Japan, Singapore, South Korea, Spain, United Kingdom, and United States.

COM 427 - Satellite Communications (3-0-3)
Prerequisite: COM 322 & COM 412

This course provides an introduction to satellite communications. Topics include: orbital mechanics, satellite design and lunch, configuration and installation of earth stations, implementation of communication links, and the set-up of the satellite network.

CRI 100 - Creative Industries Overview (3-0-3)
Prerequisite: None

This introductory foundation course defines the subject of Creative Industries (CI) as an area of academic study and surveys the various academic and creative disciplines to be covered over the course of the B.A. program in Creative Industries. The course will focus in particular on how each discipline sees the world and on the sorts of knowledge and interpretations that structure these different perspectives on subjects and issues to be covered. Students will explore the advantages and challenges of interdisciplinary study and begin to develop strategies for benefitting the most from their Creative Industries studies.

CRI 200 - Intellectual Property (IP) Issues in the Digital Age (3-0-3)
Prerequisite: CRI 100

Intellectual Property laws were developed to protect traditional literary, artistic, dramatic and musical works. This course introduces students to the legal principles underlying IP and explores how digital technology and the Internet have changed the rules, upsetting the traditional balance between content creators and content users and undermining many of the business models of the past. Current issues faced by policy-makers related to content use and the exploitation of IP rights will be investigated in the context of their repercussions for creators and creative enterprises.

CRI 300 - Digital Design Studio (2-2-3)
Prerequisite: CRI 200

Working effectively in the Creative Industries requires an understanding of media production based on sound principles of digital design. This studio course provides a project-based introduction to developing digital media content for the Web. Using industry-standard software and production practices, student will design and produce digital content. Taking into account current media ecologies, students will learn the basics of graphic design, interaction design, audio/video production and web authoring.

CRI 301 - The Creative Process (3-0-3)
Prerequisite: CRI 200

How do creative ideas happen? How can we foster our creativity and the creativity of those around us? What is the nature of creativity in teams and organizations and how can it be facilitated? Utilizing readings drawn from both psychological theories of creativity and management literature on innovation, and exploring the conflicting ideas of creativity theorists such as Abraham Maslow, R.W. Weisberg, Margaret Bodin and Robert Sternberg, this course delves into the dual nature of creativity as both an individualistic process and a product of formal systems of organization, as a synthesis of subconscious thoughts and rational analysis, and as the complex interaction of divergent and convergent thinking. Case studies will illuminate the creative process within the Creative Industries in terms of the relationship of creative individuals to the commercial context in which their ideas are developed and delivered.

CRI 340 - Global Entertainment Market Place (3-0-3)
Prerequisite: None

This course empowers the students to think critically about the media and its effects on culture by providing a thorough understanding of how media technologies develop, operate, converge, and affect society. This course furthermore prepares students for encounters in the globally expanding fields of the Internet, interactive media, and traditional media industries through engaging, up-to-date material that covers the essential history, theories, concepts, and technical knowledge needed to thrive. The course provides a comprehensive introduction to today's global media environment and ongoing developments in technology, culture, and critical theory that continue to transform this rapidly evolving industry and affect daily lives around the world.

CRI 350 - Art and Business of Gaming (3-0-3)
Prerequisite: None

Video games constitute one of the most dynamic and growing segments of the Creative Industries. This course explores the history, aesthetics, and cultural impact of video games while familiarizing students with the production, distribution and marketing processes that have evolved to stimulate this young industry. Issues confronting the video game industry as well as applicable developments in design and technology will be among the topics covered.

CRI 400 - Entrepreneurship in Creative Industries (2-2-3)
Prerequisite: CRI 200

CRI 400 applies entrepreneurship theory and principles to the practice of entrepreneurship in Creative Industries. Entrepreneurs in Creative Industries drive the creation of new cultural products, firms, and markets, generating new wealth and cultural value. They are visionary change agents who leverage cultural knowledge and talent to produce commercially viable, sustainable and socially desirable cultural products and services. This course will nurture the skills and attitudes of nascent entrepreneurs in the Creative Industries. It will critically review the key characteristics of successful enterprises, entrepreneurs and leaders within the cultural and more commercially focused Creative Industries, it will look at the range of business models that exist, review how best to build a financially sustainable firm, and provide models of entrepreneurial/business support relevant and useful for entrepreneurs in Creative Industries.

CRI 402 - Human Resources in Creative Industries (3-0-3)
Prerequisite: BSM 300 & CRI 301

This course exposes students to the dynamic and diverse field of human resources management and provides a foundation in theory and practice for areas such as: human resources planning, recruitment and selection, training and development and compensation. Current events, relevant legislation and future trends are also explored. The course provides students with the fundamentals necessary to effectively manage the human resources function of an organization.

CRI 403 - Creative Industries Research Methodology (3-0-3)
Prerequisite: CRI 301

This course asks how information about the Creative Industries can be collected and analyzed. It surveys research methods that are both useful within the Creative Industries and crucial to studying them. Information retrieval techniques will be reviewed as well as methods of data collection (audience research; content analysis; critical and textual analysis; surveys; interviews; focus groups etc.). Through practical exercises we will develop the research skills that are required of many careers within the Creative Industries (grant, report and policy brief writing etc.) as well as in advanced graduate degrees.

CRI 404 - Managing Creative Enterprises (3-0-3)
Prerequisite: CRI 400, CRI 402 & CRI 403

This capstone course builds upon the required B.A. Creative Industries industrial work placement, which must be completed prior to the end of this course. Using the research conducted during their placement, students will undertake a report that analyzes the management systems of their workplace company, assesses its strategic directions, and evaluates its strengths and weaknesses relative to the industrial

environment in which it is operating. Course content is designed to facilitate the report by focusing on the organization, operation and strategic planning of creative enterprises and the criteria for appraising their efficacy.

CRI 405 - Studies in Creative Collaboration (3-0-3)
Prerequisite: CRI 402

The image of the solitary artist has given way to the contemporary reality of creative production in many fields that builds upon multidisciplinary expertise on the part of a diverse team to achieve an end product arising from consensus-building and collaboration at many steps in the process. Applying theories of organizational behavior, this course uses case studies and role-playing techniques to examine and familiarize students with best practices in collaborative creative work.

CRI 406 - Global Licensing/Distribution Agreements (2-2-3)
Prerequisite: None

Content creators must have the ability to market and exploit their intellectual property internationally. In this practical course, legal issues and key contractual in distribution and licensing of intellectual property matters are examined in international contexts. Various contracts involving the exploitation of creative content will be examined, including license agreements, distribution agreements, asset and share purchases, joint ventures, and the legal rights and remedies which flow from these agreements.

CRI 420 - Media Regulation and Communication Policy (3-0-3)
Prerequisite: None

This course looks at the institutional and legal structures of media and communication internationally. Drawing on texts and perspectives from important thinkers and analysts such as Lawrence Lessig, Marc Raboy, Peter Grant, and Robert McChesny, we will examine the policy frameworks that shape broadcasting, print, digital and internet, music and more. We will also consider various crosscutting communication policy issues such as copyright, production quotas and subsides and human rights. Recommended only for students in third or fourth year.

CRI 430 - Canadian Media/Entertainment Industries (3-0-3)
Prerequisite: None

This course surveys the Canadian media and entertainment marketplace, focusing on its economic, political and cultural dimensions. The domestic production of media and entertainment products and services and their national and global distribution are studied together with the business practices and ancillary personnel and services that are required to finance, market and manage these enterprises. Related issues such as government regulations, media ownership and international TV and film production will be explored.

CRI 461 - Big Night Project (0-6-3)
Prerequisite: Completion of 90 Credit Hours

Teams of students propose, budget, finance, market (online and offline) and execute an ambitious event open to the public in the fashion industry. Marketing should take place offline and online, including the use of relevant social media to promote the event appropriately. The proposal create must be related to at least one of the chosen of concentrations. With faculty guidance and mentor support, students work with outside professionals and content creators and additionally to the event provide a substantive report on the event's impact.

CRI 475 - Internship (3 Credits)
Prerequisite: 90 Credits & CGPA ≥ 2.0

The internship is a pre-professional experience in creative industries, related businesses or academic institutions. It has been established to supplement a balanced academic program, enhance career preparation and improve career readiness. In particular, it is intended to provide students with the

opportunity to be creative, to explore, to research, to investigate, and to ultimately make some decisions that may have significant impacts on their future careers.

The major goal of an internship is to provide an experience that will enable the student to apply the knowledge and skills acquired within the BACI program. A second goal is to increase students' experiences and knowledge in the creative industries. The internship must take place in a firm whose main activity is related to creative Industries or having a unit in charge of creativity and Innovation. A third goal is to stimulate students' thinking and reflection about the knowledge and understanding that they will gain from such experiences.

CYS 311 - Security Threats and Risk Analysis (3-0-3)
Prerequisite: BCS 303

The course will provide an evaluation of the systems, software, tools and techniques deployed to protect digital assets in companies and government organizations. Apply the theories of data security to analyze potential vulnerabilities in Internet and Enterprise Architecture, and design loss prevention strategies. In addition, it exposes the shortcomings of current "risk management" practices and offers a series of improvement techniques that helps fill the holes and ramp up security.

CYS 312 - Cryptographic Algorithms and Protocols (3-0-3)
Prerequisite: BCS 203, BCS 303 & BCS 204

This course provides coverage for symmetric and asymmetric cryptographic algorithms and protocols. Topics include: Security protocol modules; Basic cryptography objectives namely confidentiality, integrity, authentication, freshness, and non-repudiation; Security tools; Symmetric (secret-key) mechanisms; Asymmetric (public-key) mechanisms; Encryption for confidentiality and authentication; Key management and key generation; Implementation of algorithms.

CYS 411 - Engineering Secure Software (3-0-3)
Prerequisite: CYS 312

This course provides a foundation for building secure software by integrating security principles into the software development lifecycle for the sake of reducing software vulnerabilities and the overall defect content of software. Topics covered include security in requirements engineering, secure designs, risk analysis, threat modeling, deploying cryptographic algorithms, defensive coding, penetration testing, fuzzing, static analysis, and security assessment. Students will learn the practical skills for developing and testing for secure software while also learning sound security fundamentals from real-world case studies.

CYS 412 - Mobile and Wireless Security (3-2-4)
Prerequisite: BCS 308 & CYS 411

This course provides a thorough coverage of cutting-edge research and security solutions in wireless and mobile networks. It begins with an overview of the basic security concepts and fundamentals knowledge necessary for understanding and evaluating security issues, challenges, and solutions. Then it explores security issues and available solutions associated with off-the-shelf wireless and mobile technologies such as Bluetooth, WiMax, and 4G, WiFi standard, and protocols such as IEEE 802.11, 802.15 and 802.20 and security standards such as 802.11i, WEP, and WPA. It will then cover security techniques and solutions used to protect applications downloaded by mobile terminals through mobile-cellular networks. Finally, the course will address security issues and solutions in emerging wireless and mobile technologies such as ad hoc and sensor networks, cellular 4G, and IMS networks.

CYS 413 - Web Application Security and Testing (3-0-3)
Prerequisite: CYS 411

Web applications are currently the predominant source of software vulnerabilities exploited in online attacks. There is a growing need and growing demand for web programmers to be security aware. This course covers the main types of web application vulnerabilities and current best practices of professional coding and testing needed to successfully develop, mount and install secure web applications.

CYS 414 - Penetration Testing and Ethical Hacking (3-0-3)
Prerequisite: CYS 411
This course introduces the techniques and practices of Hacking and Penetration testing. It covers topics such as Hacking Wireless Networks, Hacking into Computers and Smartphones, Ethical Hacking, Systems' Scanning, Vulnerability detection, Tools for hacking, Cracking Encryption, Flaws in Websites and Applications, Attacking with Frameworks, Penetration Testing, Phishing, Advantages and Disadvantages of WEP, WPA, WPA2, etc., Resources Wireless Hacking.

CYS 415 - Malicious Software (2-2-3)
Prerequisite: CYS 411
This course will introduce students to modern malware analysis techniques through readings and hands-on interactive analysis of real-world samples. After taking this course students will be equipped with the skills to analyze advanced contemporary malware using both static and dynamic analysis and using industry standard debugging tools.

CYS 416 - Human and Organizational Security (3-0-3)
Prerequisite: BCS 303
This course covers human, organizational, social, legal, and bureaucratic issues related to information security that an information security manager or officer should consider to be effective in his/her protective tasks. These issues include considering the organization's preparedness and its currently deployed technology level. Additional topics include: motivating users about the security risks and raising their awareness on social engineering techniques used by hackers; estimating, requesting, and justifying appropriate information security budgets; Establishing security policies and procedures and best practices; prioritizing security risks, threats, and vulnerabilities; and considering physical, operational, and personnel security along with information security.

DES 121 - Design Theory (3-0-3)
Prerequisite: None
DES 121 represents the foundation for the expansive exposure to the theoretical context of design and design activity. It aims at enhancing understanding the meaning and the context of design and the skills of analyzing it. In particular, it focusses on the interpretation of design as formally and creatively shaping human beliefs and experiences, the design process and its vocabulary, the design elements and principles and their manifestations in natural, abstract and man-made contexts. It also addresses the skills of analyzing selected examples and settings to reveal their implicit structures and to link these to the specific factors that have shaped them. The course will provide the basic conceptual foundation for the history courses that will follow. At the same time, it provides a theoretical background for the design activities taken at DES 161 in the same Semester. The course progresses from an exploration of the meaning of design and its process to an understanding of the elements and principles to culminate finally in an exploration of a particular spatial setting. To achieve these intents, structured lectures, assignments and site visits will be utilized.

DES 122 - Human Factors (3-0-3)
Prerequisite: None
DES 122 touches the social responsibility of architects and interior designers to respond to users' needs in the context of design. It represents the first encounter with systematic analysis of the ways into which a space is used. It aims at enhancing understanding about the dynamic relationship between people and the built environment in view of the variability and changeability of their needs. The course aims at creating an awareness of such diversity and at enhancing knowledge on addressing it in design solutions. In particular, it focuses on enhancing the awareness about and the understanding of users' needs, the basic concept of anthropometrics, Universal design and the general relationship between users and space on different levels. It also emphasizes the skill of analysing users' needs and design setting in view of specified universal design parameters. DES 122 will prepare the foundations for understanding inclusiveness of varied users

requirements in subsequent design studios. Similarly, it supports activities in DES 162 taken at the same semester. It progresses from the concepts of anthropometrics and universal design to a selected component of the built environment to culminate in addressing psychological and cultural effects in a space. To achieve this, lectures, assignment and site visits will be utilized.

DES 161 - Introduction to Design (Studio) (2-4-4)
Prerequisite: None

DES 161 represents the foundation for the nine design courses that will follow, and thus it is a significant milestone in the education of architects and interior designers. The course aims at developing design thinking as a creative and a critical activity enabling a change in people's lives. It focuses on developing the ability of creating and representing 2D and 3D design formulations and their detailed elaboration in response of design intent. To support this, fundamental explorations of the meaning of design, the design process stages, the design elements and principles and their manifestations in natural and man-made contexts are explored. For courses offered at the same semester, it represents a context for practically exploring the concepts that are taken in Design Theory and that for applying those taken in Drafting and Model making. DES 161 progresses in four units from an analytical exploration of design and its manifestations to formative activities in selected design projects. It covers identifying design in Natural and Man-made contexts leading to 2D and 3D design formulations addressing design principles. Finally, building on knowledge gained, a simple functional dimension is incorporated in a 3D formulation. Through these units, the articulations of a personal design approach and self-development are emphasized. The course is delivered through lectures, discussions, critiques, and design projects. The "Design Theory" and "Drafting and Modeling" Courses are the main supportive Course of this Studio.

DES 162 - Fundamentals of Design (Studio) (2-4-4)
Prerequisite: DES 121, DES 161 & DES 171

This introductory studio concentrates on the human activities in space. Studio steps on the work of the previous Studio and introduces students to the reflection on the human needs, the cultural references, meanings of, and feelings in the tridimensional space and invites them to implement the reflection on small scale designs. The 'Human Factors" and "Freehand Drawing & Rendering Course" are the primary supportive Course of this Studio.

DES 162 touches the foundations of design thinking and prepares students to embark on addressing real architecture and interior design problems. It aims at enhancing design thinking and practice relevant to small-scale simple projects. It enables building awareness about the value of design in formally structuring beliefs, experiences and activities. It contributes to enhancing understanding of the basic nature of the design process and the initial design stages of Pre-Design & Schematic Design. Its main focus is on analyzing design problems, identifying their particularity and on formulating, elaborating and representing Schematic Design solutions that capture such a particularity. The course, in addressing functionality follows DES 161 wherein abstract 2D and 3D explorations were emphasized using physical working models. It prepares students to address generic design problems comprehensively in the following semester and utilizes knowledge of Human Factors and Freehand Drawing taken at the same semester. Progression is made through projects dealing with an interior space, a shell and a new formulation. To achieve this, design activities, lectures, critique, and site visits are utilized.

DES 171 - Drafting and Modeling (2-2-3)
Prerequisite: None

DES 171 is the foundation for the essential visual communication skills expected by architects and interior designers. It aims at enhancing understanding of the basic concepts of drafting and model making and at developing the skills of applying these concepts to represent designed and real settings. In particular, the main drafting and model make conventions dealing with text, lines and scale and the main concepts relating to projections, sketching and perspectives are introduced. It focuses on enhancing the skills of constructing these projections leading to the representation of reality and design formulations through plans, sections, elevations and reflected ceiling plans. The course prepares students to other communication skills relating

to freehand drawing, rendering and computer aided design. It progresses from basic drawing and physical model making exercises to a complete set of 2D and 3D drawings of a small project. The course is structured in lectures, class assignments and site sketching.

DES 172 - Freehand Drawing and Rendering (2-2-3)
Prerequisite: None

DES 172 addresses the aptitude for visually representing the reality around us in order to enhance comprehension. It aims at understanding the main principles of freehand drawing and enhancing the skills of applying them to represent this reality. It addresses the relevance of this specific type of visual representation in revealing reality and explores the potentials of different materials and techniques towards this intent. It focuses on developing the skills of observation, documentation and communication pertaining to the particularity of material and approaches. Value, contour, light and shadow will be addressed. Students will be prepared to produce their portfolio to reveal their specific personal approach and intent. The course will progress in lectures and practical explorations of freehand and rendering work covering lines, shapes, forms, contours, cross contours, volume, value, shading, perspectives and rendering in watercolour and markers. This will be accomplished through structured lectures and individual in-class and out-of-class assignments.

DES 221 - History of Architecture and Interior Design 1 (3-0-3)
Prerequisite: DES 121 & LNG 171-1

DES 221 touches the significance of awareness about history in the education of the architect and the interior designer. It focuses on the development of architecture and interior design from the early beginnings to the 19th century. It examines the manifestation of culture into built form; the architectural and interior design canons and their connections to the natural and cultural factors that have shaped and sustained them over time, their detailed particularity and their key textual and visual details. It also emphasizes the analyses of styles, periods and examples and the presentation of their outcomes and patterns. The course builds on the general introductions in Design Theory and leads to DES 222 relating to subsequent developments and contemporary theories. It connects to other courses in the semester by providing a historical context for the understanding of the design process (DES 261) and of building materials and construction methods (DES 241). The course progresses in describing the early formulations to Mesopotamia, Egypt, Greek, Roman, Byzantine, Romanesque, Gothic, Renaissance, Baroque and the 18th century. To achieve this and in addition to lectures, presentations, seminars and research assignments are utilized.

DES 222 - History of Architecture and Interior Design 2 (3-0-3)
Prerequisite: DES 221

DES 222 addresses the significance of contemporary architecture and interior design since the 19th century. It aims at enhancing knowledge about the language of Western Architecture and Interior design, its movements and styles in view of their historical and intellectual context. It emphasizes understanding the detailed particularity of selected streams, the unique contributions of their pioneers and their theoretical positions and design approaches. It contributes also to the ability of conducting research and abstracting ideas about these traditions. The course builds on DES 221 covering the same intent but for an earlier period. By completing a wide range of history, students will be prepared to focus on selected historical investigations in local and selected contexts. It connects with other courses by providing a historical background for the design process and for the understanding of building materials and processes. The course progresses from Architecture at the turn of the century (Roots of Modern Architecture) to; Modernization and Industrialization, Architecture after WW1, Pioneers of Modernism, Reactions to Modernism, High-Tech and Post-Modernism, the Realists and the Rationalists, Deconstruction and finally the New Directions in Contemporary Architecture. To achieve this, lectures, presentations, seminars and research assignments are utilized.

DES 231 - Sustainability of Buildings (3-0-3)
Prerequisite: DES 162

DES 231 represents the first systematic introduction of the planet's environmental challenges and their impact on the disciplines of architecture and interior design. It aims at building an informed position about the global and natural issues and about the strategies to address them by architects and interior designers. In particular, it enables; creating an awareness about the challenges of the depleting natural resource; Enhancing knowledge about the global and the particular local challenges, the impact of building construction methods and materials, the contemporary passive and active design strategies and their impact on energy use; and finally enhancing the skills of analysing architectural and interior design contexts in relation to sustainability and of assessing the impact of selected features. DES 231 establishes the foundations for inclusive design thinking in the subsequent studios towards the natural challenges and the responses towards them. It will also support the design studio taken at the same semester as a background about the relevant properties of building materials and construction methods. The course progresses from an introduction of the natural resources and the roots of environmental problems, to human comfort and energy use and to an exposition of the principles of sustainable design and the passive and active strategies. The course culminates in introducing the international and local benchmarking systems of assessments and accomplishments towards the achievement of sustainability. To achieve this; lectures, presentations, site visits and assignments are utilized.

DES 241 - Construction and Design Integration (2-2-3)
Prerequisite: DES 162

DES 241 represents the first introduction to the technical dimensions in the architecture and the interior design education relating to building construction. It aims at enhancing knowledge of construction systems and materials. In particular, three intents are sought. First, enhancing awareness about the importance of constructability in the formulation of design; Second, enhancing understanding of; the relevance of sustainability to building materials, the types of construction (concrete, masonry, steel and wood); their elements and the appropriateness of building materials to specific Architecture and Interior Design settings. Finally, third, enhancing the abilities of assessing building materials and preparing detailing of simple construction components. The course leads to ARC 242 or IND 242 focusing on a more elaborate understanding of detailing. It is also linked to the design studio taken at the same semester by providing a perspective about building materials as they relate to the formulation of design. It progresses from a general introduction of the structural and load bearing systems and foundations to an examination of Masonry, Concrete and Precast Concrete, Steel and Wood constructions. In each, an attempt is made to illustrate the basic characteristics and elements culminating in an elaboration of a simple detail. The course is delivered through lectures and presentations, site visits, exercises and assignments.

DES 261 - Design Principles (Studio) (3-6-6)
Prerequisite: DES 122, DES 162 & DES 172

This studio is the first of the Programs' Foundation studios. This Studio builds the understanding of the Construction as a fundamental parameter of the design thinking and creating. Its primary purpose is to design the consideration of the designed spaces' materiality and understand the impact of the construction techniques in formal and functional decisions during the design process. The Course 'Construction & Design Integration' is the main supportive Course of this Studio. The Studio Course DES 261 builds on earlier small-scale design explorations in the Introductory studios of the first year, to lead to subsequent more specialized and higher complexity design problems related to small public or residential buildings in which the materiality and the construction are a central and critical issue. The studio wants to explore ways to integrate the material and construction parameters in the design process together with the functional, formal, and semiotic dimensions of the design. This is assured through the integration of the construction constraints in the design thinking in the Pre-Design stage, the Schematic Design stage of concept formulation and some introductory exploration of Design Development stages culminating in a final design in each. To achieve this, and in addition to the briefing and design activities, the course incorporates lectures, presentations, seminars, critique and site visits.

DES 271 - Computer Aided Design (2-2-3)
Prerequisite: DES 171

This Lecture/Lab course provides a hands-on introduction to the use of Computer-Aided Design (CAD) and Building Information Modeling (BIM) focusing on the basic architectural documentation, drafting, and modeling tools.

In CAD, the course covers precision drawing, drawing aids, geometric shapes, basic printing, editing tools, coordinating systems, proper dimensioning, symbol libraries, and file management.

In BIM, the course employs basic principles of fundamental modeling, plans creation, and visualization. It covers introductory level features, commands, and techniques for creating, editing, and detailing model in (BIM)

In relation to the curriculum, the course builds on the general drafting, freehand knowledge and skills gained earlier in the curriculum and prepares students for basic digital drawing and advanced modeling techniques. DES 271 expected outcomes are to produce plans, elevations, sections, 3D modeling, and renderings leading to basic presentations of architectural and interior design subjects.

DES 322 - Architecture of The Islamic World (3-0-3)
Prerequisite: DES 222

DES 322 addresses the richness and diversity of spiritual and cultural norms and their manifestations in the context of Islamic Architecture. It aims at enhancing knowledge on the formulation of Islamic Architecture, its main characteristics and typologies and their links to the wider influences that shaped and sustained them. It focuses on the early beginnings, the general characteristics in different periods and geographies and their specific connections to the natural and cultural climate. Attention is given to the detailed particularity of the architectural typologies and the main planning and urban principles that were associated with them. Focus is also placed on the analysis of specific phenomena in selected periods and geographies. It will build on knowledge and critical thinking gained earlier in history and theory courses. In constituting a particular context for the examination of the connections between architecture and spiritual and cultural norms, it contributes to a deeper perspective of design thinking commonly associated with advanced studios dealing with specialized problems. Four components are addressed and these are: the definition and the beginnings and the earlier contexts of Umayyad, Abbasid, Egypt and North Africa; the global expansion; building typologies, planning and urbanism and finally selected investigations. To achieve this, lectures, individual research, assignments and presentations will be utilized.

DES 324 - On Site Investigation (3-0-3)
Prerequisite: DES 222

On Site Investigation represents the opportunity for students to expand and tackle additional architectural and interior design topics that can vary over time. It aims at enhancing knowledge on selected topics relating to building typologies and at enhancing the skills of analyzing them. In particular, it focuses on expanding knowledge about the selected topics, the characteristics of architecture and interior design typologies, on the relevant documentation and analysis methods. The course requires a topic to be selected and an identification of buildings to be documented and analyzed. It progresses in submissions on research, documentation, analysis and evaluation and finalized with conclusions. To achieve this, the course incorporates lectures, presentations, site visits and seminars.

DES 331 - Landscape Architecture (3-0-3)
Prerequisite: DES 232 or IND 232

DES 331 represents a selective expansion of design thinking into the field of landscape architecture as expected professionally by architects and interior designers. this course aims at building a general understanding of the basic nature, structure and vocabulary of the post conceptual design stages within landscape architecture, and the skills of analyzing and formulating design proposals for selected problems. it focuses on enhancing detailed knowledge of the crucial technical aspects of landscape architecture, covering: grading and drainage, site preparation, budget cost estimates and construction documentation and on developing the ability to analyze, evaluate and propose conceptual and detailed elaborations of landscape solutions. ARC-362 follows ARC-272 wherein Landscape theory, history and initial design

strategies were emphasized. The knowledge and application skills learned in this course will assist with transition into a multidisciplinary professional working environment as introduced through the advanced design studios and internship. progression is made through emulation of the design process from the basic principles and history to detail design through to project management stages. To achieve this, the course consists of a series of lectures and short research projects with different themes/topics for the class to examine, discuss, develop and present as a research assignment.

DES 341 - Environmental Systems and Design Integration (2-2-3)
Prerequisite: ARC 232/IND 232 & ARC 262/IND 262

DES 341 contributes to the significance of awareness about the natural climate and its implications on the creation of sustainable settings. It aims at enhancing knowledge and skills relating to passive design. It focuses on understanding human comfort and environmental factors and on applying this understanding in the design development of responsive buildings and interiors. The factors that contribute to the heating and cooling of a building and the strategies of minimizing energy consumption will be introduced. Emphasis is placed on selected concepts relating to ventilation, day lighting, solar energy and geometry, shading and control, thermal envelopes, energy efficiency and acoustics. DES 341, in focusing on passive strategies and prepares for ARC 342 or IND 342 wherein detailed active strategies are emphasized. It is also intended to collaboratively inform sustainability-related decisions in the design studio ARC 361 offered at the same semester as well as to other studios at subsequent semesters. The course progresses from the concepts of human comfort to solar energy, illumination and acoustics, thermal envelopes and finally passive design strategies. It is delivered through structured lectures, site visits and varied practical work.

DES 351 - Internship (3 Credits)
Prerequisite: 120 Credits & CGPA ≥ 2 for BARCH | 90 Credits & CGPA ≥ 2 for BAID and BSAS

DES 351 Internship, as a pre-professional experience represents the opportunity of exposure to the real life architectural and interior design practice. It aims at enhancing the knowledge and skills gained earlier and at gaining a deeper and a more comprehensive perspective of these as applied in a professional setting. To support career preparation, it focuses on three intents; First, enhancing awareness about the particular roles of architects and interior designers, second, enhancing understanding of; the main theoretical positions towards the design process and about the varied factors involved in the professional practice of architecture and interior design and particularly those relating to forms of practice and project delivery; and third, enhancing the technical skills of assessing and developing design briefs, formulating design solutions and elaborating detailed design and construction documents. It builds on the comprehensive knowledge and skills gained at the specialized technical and theoretical courses. It prepares for the specialized advanced senior studios by enabling a professional perspective in addressing complex housing, institutional, urban design and the graduation project. Internship covers four weeks (160 Hours) of professional experience in architectural or interior design firms. In each week, there are Weekly Reports by students on their activities and by the field supervisors on the quality of their work. Students are expected to cover Briefing, Design Development, Detailed Design, Construction Documents, Specifications, Schedules, Site Visits, Supervision activities as well as Client Liaison. At the conclusion of Internship students submit a portfolio documenting their internship achievements and attend an Exit interview with faculty.

DES 371 - Working Drawings and Detailing (2-2-3)
Prerequisite: ARC 242 & ARC 361 for BARCH | IND 242 & IND 361 for BSID

DES 371 - Working Drawing and Detailing establishes the specialized technical representation skills relating to the detailed elaborations of design formulations. It aims at enhancing the capacity of producing working drawings out of general design formulations. In particular, it focuses on three main intents: First, increasing awareness about the value of working drawings in the realization of architecture and interior design; Second, enhancing knowledge about the principles and conventions of detailing and their comprehensive representation as a communication tool for operations towards execution; and Finally third, developing the skills of organizing and preparing a comprehensive set of construction documents incorporating drawing conventions and symbols, cross-referencing schedules and specifications. The course builds on earlier knowledge and skills relating to building construction and drafting courses and to the applications made at

the design studios. It prepares for the production of detailed elaborations of selected design components in subsequent design studios and in the comprehensive graduation project in particular. The course progresses from an introduction of the basic principles and conventions of detailing and its representation, to construction detailed elaborations of typical components of buildings (Roof plan, doors and windows, Façade sections and stairs) to a final production of a complete set of construction documents for a selected design project. To achieve this, lectures, critique and individual practical works are utilized.

DES 372 - Graphic Design and Portfolio for Architects and Interior Designers (3-0-3)
Prerequisite: DES 271

This course introduces the student to the field of graphic design as it pertains to the profession of Architecture and Interior Design. The focus is on providing the student with the skills to help them with preparing their own portfolios, as well as Design presentations, reports, proposals, brochures, and designing signage in the built environment. The course will focus on integrating graphic design with Architecture and Interior Design. The Course is designed to introduce the students to specific 2D Graphic design software to enable them to compile and produce a range of graphic design projects that culminate in a personal portfolio. It builds upon knowledge gained in introductory graphics classes DES 171 and DES 172 and builds upon software knowledge gained in DES 271. It is specifically tailored to prepare students for advanced graphic presentation skills required for specialised design studios ARC/IND 343. The course will progress from the general knowledge of the elements of Graphic Design to the specific concepts and the strategies to achieve them in the context the Architectural and Interior Design Professions. The course will focus on how to formulate, prepare and produce a Portfolio of work and a design CV, with the specific goal of enabling the student to market themselves to the profession.

DES 373 - Visualization (2-2-3)
Prerequisite: DES 271

This course provides a comprehensive overview of concepts and principles that are common in contemporary computer graphics and advanced architectural visualizations. Students will learn how to develop the conceptual background for a sophisticated and target-oriented architectural visualization. It aims to convey an understanding of visualization principles and develop the ability to produce advanced digital architectural visualizations. Conveying an understanding of contemporary digital visualization this course focuses on developing the ability to enhance and visualize architectural projects toward a professional digital visualization workflow; conveying advanced techniques and approaches to particular challenges; and introducing digital visualization tools relevant to architecture and interior design. DES 373 equips students with a set of skills that will allow them to visualize solutions in their advanced design studios, and supports them in other courses. It also serves students in the preparation and enhancement of their portfolio of works and their application for internship. The course is structured into two components. The first focuses on addressing visualization techniques to render and enhance architectural drawings. The second component explores 3D rendering and enhancement approaches introducing advanced visualization tools, techniques and strategies. This course is delivered in a series of lectures, critiques, discussions, hands-on exercises, and projects.

DES 431 - Principles of Landscape Design (3-0-3)
Prerequisite: IND 262

This course introduces students to landscape Graphics and the concepts of the fundamentals of landscape and environmental planning. It covers topography and earth modeling, landscape planting techniques, circulation, structures, selecting and analyzing sites, assessing environmental impact and developing detailed designs.

DES 442 - Special Topics: Materials and Methods (2-2-3)
Prerequisite: ARC 342 or IND 342

DES 442 represents a selective enhancement to the technical knowledge on building systems, construction, materials and structures already initiated in the curriculum. It aims at enhancing a developed knowledge of construction methods and materials focusing on the detailed elaboration of the combinations of

components within them and the skills of assessing their appropriateness to specific uses. In particular, three intents are sought. First, enhancing awareness about the importance of advanced building methods in relation to design; second, enhancing understanding of their relevance to sustainability, to detailing and; third, enhancing the skills of assessing their uses. This course increases the know-how to address the advanced construction methods in the following specialized design studios. It builds on ARC 242 or IND 242, ARC 344, ARC 342. It progresses towards a general introduction of the specialized systems and materials into an exploration of their relevancy to varied settings, uses and contexts. The course is delivered through structured lectures, site visits and assignments focusing on researching new advanced materials and selected construction methods

DES 452 - Professional Practice Seminar (3-0-3)
Prerequisite: ARC 362 or IND 362

This course presents an opportunity for a senior level exploration of the specific relevant themes developing in the professional practice of architecture and interior design. Students will be expected, through varying exercises and research, to undertake an in-depth study into a specific particular area of practice and in doing so will gain an invaluable insight into the bridge to becoming a member of the professional community. The emphasis on this course is the intersection between education and professional experience and as such it would always be delivered in close collaboration with members of the local profession. This course should be regarded as an opportunity for exploration into current themes of the professional practice of architecture.

DES 463 - Complex Design Studio (2-2-3)
Prerequisite: ARC 362 or IND 362

This course presents an opportunity for an advanced design exploration into a specific building typology or a specific theoretical approach to architectural design. It aims at enhancing knowledge on the specific typologies and the emerging issues in design debate and at developing the skills of analyzing and applying them on selected design problems. It focuses on the historical development, the relevant technical systems and on the skills of developing design briefs and design formulations. This course will enable the student to advance their knowledge and design skills in a specified area of interest. It progresses into theoretical explorations and design applications and is delivered through seminars and project submissions.

DMJ 200 - Principles of Digital Media and Journalism (2-2-3)
Prerequisite: None

This is an introductory course to the field of journalism. The course includes exposure to different types of journalism such as Legacy Print Media, Photojournalism and New Media online, students will learn about the responsibility of providing truthful, fact-based information to the public. The students will build a strong foundation of journalistic practices such as determining coverage, writing and reporting.

DMJ 210 - News Writing & Editing (2-2-3)
Prerequisite: LNG 172-3, MCM 201

This course focuses on developing the writing and editing skills of students. Students will learn different aspects of news judgment, different styles of news writing, and editing techniques. Students will develop skills writing news; fast editing to meet deadlines; ordering of facts/events in a story; deciding what is newsworthy; maintaining accuracy and credibility of the stories; and balancing the story.

DMJ 220 - Research and Data Analytics for DMJ (2-2-3)
Prerequisite: MCM 140

This is a practical course that draws on the scientific research methods and data analysis. In this course, the students will learn how to conduct research and investigations for journalistic reporting purposes by employing various research methods. This includes utilizing online platforms that provide Big Data statistical and analytical tools, using secondary data from online resources. It also covers professional reporting

techniques, and critical analysis to draw fact-based conclusions. The ethical dimensions of journalism research and practices are also covered.

DMJ 305 - Graphics for Digital Media & Journalism (1-4-3)
Prerequisite: MCM 250

This course is an advanced training for students on how to create and manipulate 2D and 3D digital graphics. The students will learn through theory and practice how to build news stories and investigative reports by creating innovative and interactive graphics. The course covers concepts such as news writing styles, typography, image editing, image tracking, web design and interactivity. Students will use several software applications in their assignments.

DMJ 315 - Virtual Reality for Journalism (1-4-3)
Prerequisite: DMJ 305

This course introduces the student to utilizing virtual reality (VR) and augmented reality (AR) technologies in news coverage. Students will learn advanced techniques of digital storytelling, video shooting and editing to create 360-degree images and videos for news and short documentaries. Students will practice and use several software applications and online platforms throughout the course.

DMJ 317 - Digital Photography (2-2-3)
Prerequisite: MCM 250

This course introduces students to the principles and techniques of digital photography and Photojournalism. Students will learn and use the three variables of exposure: aperture, shutter speed and ISO. They will practice how to reframe photography for journalistic usage and photojournalist's code of ethics. The course expands its focus to creating visual meaning through both single images and multiple-picture packages.

DMJ 400 - Newscasting (1-4-3)
Prerequisite: MCM 215 & DMJ 210

This course introduces students to digital broadcast journalism in Radio and TV. This is a conceptual and practical course, where the students will learn the basic skills in broadcast writing, develop on-camera techniques, directing, and video editing. The students will also practice building Newscasts by broadcasting their productions on online channels such as podcasts, webcasts, video platforms, and social networks. Attention will be given to the ethical aspects of journalism broadcasting. Students will develop analytical and critical skills used in current trends in the digital broadcast industry.

DMJ 420 - Innovative Multimedia Reporting (1-4-3)
Prerequisite: DMP 210 & DMJ 315

This course introduces students to advanced technologies in digital communication such as mobile news coverage, camera handling, audio/video editing, and various types of computerized realities. The students will have extensive training on how to integrate these technologies in news gathering, reporting and online publishing.

DMJ 425 - Capstone Project (1-4-3)
Prerequisite: DMJ 220 & DMJ 305

This course aims to provide students with the opportunity to apply their media production knowledge and skills in a simulated newsroom setting. This includes gathering reports, data mining, editing, developing, copywriting, and publishing news stories. Students will practice the ethical standards used in producing news stories.

DMJ 430 - Portfolio and Internship II (3 Credits)
Prerequisite: MCM 431

This is a continuation of the Internship I course (MCM 430) with focus on the specialized Journalism industry. The student will work as an intern for 150 hours in a media organization. The student will also produce an e-

portfolio summarizing her/his achievements and contributions in the workplace and a good variety of representative CUD coursework. The Internship course provides students the opportunity to apply the theoretical knowledge and practical skills they have acquired in the classroom in 'real-world' settings.

DMP 210 - Digital Media Production (1-4-3)
Prerequisite: MCM 250

This course will equip the students with necessary knowledge and skills to produce meaningful audio and visual contents for effective communication. Students will study and practice in more details digital production techniques including image composition and manipulation; photography, videography, audio/video editing. A bundle of Adobe software applications will be explored and utilized in the projects of this course.

DMP 305 - Critical Coding for Communication (1-4-3)
Prerequisite: None

The purpose of this course is to offer the students a practical learning experience on how to search, retrieve, and use social information data from different online platforms for the purposes of interactive communication. The ethical aspects of coding for social data mining and analysis will also be addressed.

DMP 315 - Theory and Practice of Animation (1-4-3)
Prerequisite: MCM 250

This course introduces the students to the theory of animation, its principles, and the basic techniques of 2D animation that can used in the gaming and timelines of short films and documentaries. This includes stop motion animation, 2D animation, Big-scale animation in the real world, and data animation using online technologies.

EAP 101 EAP and IELTS Success 1

The aim of this level is to improve the four skill areas: reading, writing, speaking and listening. The course will focus on introducing vocabulary, developing basic reading skills of simplified texts, improving listening and conversation skills and introducing the mechanics of writing to develop writing accuracy at the sentence level.

EAP 201 EAP and IELTS Success 2

This level focuses on academic preparation in a combined reading/writing course, oral communication and grammar. It also expands the existing proficiency in speaking, writing, reading and listening. Students will build their vocabulary, acquire academic and reading strategies and write organized paragraphs and grammatically correct sentences.

EAP 301 EAP and IELTS Success 3

This course will improve the four skill areas with emphasis on reading and writing short essays to prepare students for the IELTS exam quickly and efficiently. It will also prepare students to join and succeed in major university courses by developing university level vocabulary and using various reading strategies through authentic texts to increase reading speed and comprehension.

EBU 200 - e-Business Fundamentals (3-0-3)
Prerequisite: None

This course defines the formulating business strategy in e-business, providing students with the theoretical and practical foundations necessary for understanding e-Business, the fundamentals of e-Business, its terminologies, concepts, and its infrastructure. Topics include: Concepts and Essentials differences between e-Business as compared to e-Commerce, IS/IT e-Business infrastructure and importantly e-commerce fundamental including its various business models. Introduction to e-business strategies with emphasis on integrated enterprise business operations including supply-chain management, e-procurement, e-marketing

and customer relationship management. Legal issues and privacy relating to virtual communities it supporting network infrastructure, performance issues related to e-Business systems.

EBU 250 - Digital Entrepreneurship (3-0-3)
Prerequisite: EBU 200

This course is particularly suited for students wanting to become digital entrepreneurs who expect to join internet economy. The aim of the course is to provide introduction to the many dimensions of starting and growing in particular innovative internet-based business in this digital economy. Students will develop a clear understanding on how to evaluate market opportunities, design profitable business models, raise capital, develop a value proposition that customers need and build a winning team. Topics included: behavior and attributes of entrepreneurs in digital age, skills and tools to turn innovative ideas into profitable sustainable businesses, development of business plan, innovative business models, risks and rewards of entrepreneurial activities, Students are expected to prepare a business plan for an innovative business as their main objective by the end of the semester.

EBU 307 - System Analysis and Business Process Integrations (2-2-3)
Prerequisite: SWS 351

This course examines business needs for information and is analyzed through a systematic study of enterprise integrated e-Business processes with the aim of sharing effective information across organization functions. It prepares students to effectively use systems analysis techniques in appreciating eBusiness operations leading to their participation in IS/IT application enhancement or development. Topics include: Introduction to an ERP systems for appreciating integrated information sharing within organization. Various Systems Analysis techniques will be used to analyze and document current processes. These include Business Process Modeling of “As_Is” as against a “To_Be” business processes, Data_Flow & Entity_Relational Diagrams for the purposes of analyzing business information across various business entities leading to the appreciation and development of Relational DBMS. Student will apply concepts learned into an appropriate project case study where they will be guided in conducting actual systems analysis leading to developing a Database on the case study.

EBU 318 - e-Business Web Technologies (3-0-3)
Prerequisite: EBU 200

This course provides an introduction to the current technologies used to design and develop web presence for businesses. It exposes basic strategies and techniques required to develop a well-designed portable website combining effective navigation with the balanced use of graphics, text and color. Topics include: Creating HTML documents, Exploring other mark-up languages, Planning the Site and Site Navigation, Using Tables, Using Frames, Creating Web Forms, Introduction to Web Database Processing, Introduction to Structured Query Language (SQL), Web servers, Client-side Scripts, basics of Server-side scripts technologies.

EBU 350 - e-Business Technology Solutions (3-0-3)
Prerequisite: EBU 318

This course extends the use of additional web technologies and tools to enhance web design and development skills. Several web technology tools are used to build, enhance and operate and manage successful websites for both digital and traditional business models. An opportunity to evaluate other technology tools and software solutions is also included as a project. Topics included: overview on prominent e-business models, types of content management systems (CMSS), n-tiered web architecture, website hosting and management, building and managing websites using joomla CMS, expanding functionalities using third party plugins, evaluation of other web technologies and tools, group project.

EBU 406 - e-Business Project Management (3-0-3)
Prerequisite: MGT 361 & SWS 351

In this course, student will learn about the main project management knowledge areas as guided by the PMI’s PMBOK. Throughout this course, the student explores the project life cycle, principles, processes,

purposes, and strategies of project management. Topics include the roles and related skill sets of the project manager, defining a project, planning a project, developing the work breakdown structure (WBS), scheduling, managing project changes, project budget, managing project risks, and managing project deliverables.

EBU 450 - e-Business Consulting Project (3-0-3)
Prerequisite: Final Semester

This course allows the student to synthesize the various skills learned by developing and/or implementing a "real world" e-business project such as developing an e-commerce website, from design, development, to implementation and final review. Each team should develop and monitor its own project plan, prepare a business case or business plan to support the proposal and implement a solution. The students should work with faculty advisors to determine an appropriate 'real-world' project that can be completed during the term.

EBU 490 - Special Topics in e-Business (3-0-3)
Prerequisite: 102 Credit Hours to be Completed

The course equips the students on how e-Business uses various Information Systems/Information Technology (IS/IT) theories and potentially tools to address dynamic operational problems. Students will learn how to analyze and respond to change by appreciating the reasons why e-Business management acts as they do. The course also addresses latest emerging trends in e-Business while providing contemporary examples to make the theory come to business life.

ECO 221 - Principles of Microeconomics (3-0-3)
Prerequisite: None

This course introduces microeconomic theory to model individuals, households, and firms' decisions, in a world where all resources are scarce. The course covers topics such as consumer choice theory, demand and supply, theory of production and costs, different types of markets, public goods and externalities, taxation and government spending, game theory, as well as topics regarding asymmetric information.

ECO 222 - Principles of Macroeconomics (3-0-3)
Prerequisite: None

This course introduces students to essential macroeconomic principles and core macroeconomic theories. The first part of the course explores how to measure national economic activity, specifically GDP, unemployment and inflation, and their relationship to the business cycle.

The second part of the course analyzes theories of economic growth and development, role of the monetary system, fiscal and monetary policy, as well as introduce students to concepts of the open economy. The course makes use of algebra, calculus, and graphs to illustrate concepts.

Discussion of current social-economic issues faced by countries (such as Covid and war) provide real life examples of the application of economic policy.

ELC 320 - Power Electronics (2-2-3)
Prerequisite: ENG 301

This course is intended to teach the fundamentals of power conversion and will cover the design, analysis, modeling and control of all types of power converters – such as, dc-dc converters, dc-ac inverters, ac-dc rectifiers/converters and also introduce the concepts of direct ac-ac converters.

ELC 323 - Instrumentation and Measurements (2-2-3)
Prerequisite: ENG 223

In this course, students will learn how to select and use appropriate electronic test instruments for various applications based on an understanding of the capabilities and limitations of modern electronic test instrumentation. They will also develop an understanding of the basic principles of operation of these instruments. Comprehension of the topics covered in lectures will be reinforced with a broad spectrum of

laboratory experiments. Through attractive practical applications, student will learn fundamentals of the "LabView" instrumentation software.

ELC 330 - Microcontrollers and Embedded Systems (2-2-3)
Prerequisite: ENG 210

This course provides Basic introduction to microcontroller-based embedded systems design, development and implementation. It includes embedded system types, microcontroller architecture, programming, I/O interfacing, task scheduling, interrupt management and other related topics.

ELC 411 - Communication Electronics (2-2-3)
Prerequisite: ENG 301

The course explores the design and analysis of high frequency circuits and the corresponding measurement techniques. Topics covered; Amplitude modulation/demodulation circuits, Frequency modulation/ demodulation circuits, Oscillators, power amplifiers, mixers, matching networks, Radio and TV transmitter/ receiver circuits.

ELC 412 - Digital System Design (2-2-3)
Prerequisite: ENG 210

This course proposes advanced topics of digital logic with emphasis on the design of digital circuits. It includes the following topics: Hardware Description Languages (HDL) HDL-Based Digital Design, VHDL Hardware Description Language, Combinational Logic Design Practices, Sequential Logic Design Principles, Sequential Logic Design Practices, Memory, CPLDs, FPGAs, Complex Programmable Logic Devices. Design with VHDL. By the end of the course the student will be able to design, simulate, build, and debug complex combinational and sequential digital circuits based on an abstract functional specification. The student will also understand the basic internal workings of the central processing unit of a computer and its interface with memory and input/output subsystems.

ELC 421 - VLSI Design (2-2-3)
Prerequisite: ENG 411

This course covers basic theories and techniques of digital VLSI design in CMOS technology and the fundamental concepts and structures of designing digital VLSI systems include CMOS devices and circuits, standard CMOS fabrication processes, CMOS design rules, static and dynamic logic structures, interconnect analysis, CMOS chip layout, low power techniques, design tools and methodologies, VLSI architecture.

ELC 422 - Optoelectronics (2-2-3)
Prerequisite: ENG 301

Introduction to the principles and design of semiconductor optoelectronic devices including photodiodes, solar cells, light-emitting diodes, laser diodes, and CCDs. Applications include photovoltaics, displays, photodetection, and optical communications.

ELC 423 - Data Acquisition and Interfacing (2-2-3)
Prerequisite: ELC 330

This course covers the fundamentals of real time embedded data acquisition systems: their architectures, components, algorithms, data storage and presentation. Elementary theory of the operation of digitally controlled equipment will be covered as well as elementary data analysis. Programming of data acquisition systems using graphical programming language and software is also covered.

ELC 424 - Digital ASIC Design (2-2-3)
Prerequisite: ENG 301

This course introduces the fundamentals of Computer-Aided Design tools for the modelling, design, analysis, test, and verification of Application Specific Integrated Circuit (ASIC) systems. It explores techniques for modelling digital systems at various abstraction levels, and the computer-aided design (CAD) algorithms that

are applied to these models to support the various design and analysis tasks. The course will cover: modelling of digital systems for simulation and automated synthesis using modern hardware description languages VHDL), logic synthesis and optimization, physical design automation (placement, floor-planning and routing) considering the CMOS technology, testing (fault models, simulation, basic test generation), timing analysis and verification.

ELC 425 - Nanoelectronics (2-2-3)
Prerequisite: ENG 301

This course provides students with knowledge and understanding of physical background and applications of nanoelectronics. The course will cover electrical, optical and thermal properties of materials and nanostructures, fabrication of nanostructures, nanoelectronic devices including field effect transistors and single-electron transistors.

ELC 427 - Analog Integrated Circuits (3-0-3)
Prerequisite: ELC 411

This course provides essential information to the design of analog integrated circuits. Topics include: Integrated Circuit Devices and Modelling, Current Mirrors and Single-Stage Amplifiers, Frequency Response of Electronic Circuits, Feedback Amplifiers, BasicOpAmp Design and Compensation, Stability and Frequency Compensation, Noise and Linearity Analysis and Modelling, Switched-Capacitor Circuits, Phase-Locked Loops, Layout and Manufacturing.

ELC 430 - Solid State Devices (3-0-3)
Prerequisite: ENG 222 & ENG 301

This course examines the fundamental concepts of solid state materials and the principles of operation of modern electronic and optoelectronic devices. Students will learn the underlying physics responsible for the operation of Solid State Devices. This course has two main components: Materials and Devices. Topics in materials include: Crystal Structure, Energy Bands and Carrier Processes. Topics in device operation include: p-n Junction Diodes, Bipolar Junction Transistors, Field-Effect junction Transistors, and Optoelectronic Devices. Specific devices including Metal-Oxide-Semiconductor Field-Effect Transistors and double heterojunction lasers will be introduced.

ELC 435 - Hardware Functional Verification (2-2-3)
Prerequisite: ELC 412

As design complexity in chips and devices continues to rise, so, too, does the demand for functional verification. This course introduces the basic. Techniques for verification of hardware designs; writing test benches; verification of increasingly complex computer circuit designs provided by industry using simulation environments used in industry.

ENG 101 - Digital Logic (3-2-4)
Prerequisite: None

This course provides an introduction to digital systems with Verilog implementation. Topics include: Number systems and codes; Logic gates, truth table and universal gates, Combinational Circuit, Karnaugh Map, Flip-Flops and related devices, Decoders, Encoders, Adders, Multiplexers, Binary Adders, Signed Binary Adders, Counters and Registers.

ENG 210 - Computer Architecture (3-2-4)
Prerequisite: BCS 202 or ENG 101

This course provides an introduction to computer system architecture and organization. Topics include: Data representation, CPU and Memory; Design, Implementation and Enhancement, Analysis and Comparison of CPU architectures; I/O Operation; and Computer Peripherals.

ENG 221 - Electric Circuit (3-2-4)

Prerequisite: None

This course provides students with fundamental understanding of electric circuits. Voltage and Current Sources, Resistors; Ohm's Law; Jule's Law: Energy and Power; Resistors in Series; Resistors in Parallel; Series-Parallel Resistive Circuits; Source Conversions, Superposition Theorem, Thevenin's Theorem, Norton's Theorem, Alternating Current, Capacitors and inductors; RC, RL, and RLC circuits, First order Analysis, Second Order Analysis, Phasor Circuit Analysis, Circuit Theorem with Phasor.

ENG 222 - Engineering Electromagnetics (2-2-3)
Prerequisite: MTH 212 & SCI 210

This course is intended to develop both physics and engineering related understanding of electromagnetic forces and fields. It also explains propagation process through materials, devices as well as systems. It starts by reviewing Complex Numbers, Phasors, Vector Analysis, Differential operators. Topics include: Waves and Phasors; Transmission Lines; Electrostatics; Magnetostatics; Time-Varying Fields; Faraday's Law; Boundary Conditions for Electromagnetics, Electromagnetic Potentials; Plane-Wave Propagation.

ENG 223 - Electric Circuit II (2-2-3)
Prerequisite: ENG 221

This course provides the students the fundamental theory and mathematics for the analysis of Alternating Current (AC) electrical circuits, frequency response and transfer function of circuits. Topics include: Sinusoids and Phasors, Sinusoidal Steady-state Analysis, AC Power Analysis, Three-Phase Circuits, Magnetically Coupled Circuits, Frequency Response, Frequency selective circuits and two-port networks.

ENG 301 - Electronics II (2-2-3)
Prerequisite: ENG 310

This course covers Small-signal BJT Amplifiers; Small-signal FET Amplifiers; MOSFET Amplifier; Amplifier Frequency Response ; Ideal Operational Amplifier Circuits and Analysis; OpAmp applications, such as, adder, integrator, differentiator, active filters, and oscillators.

ENG 310 - Electronics I (2-2-3)
Prerequisite: ENG 221

This course provides an introduction to electronic components in terms of implementation and application. Topics include: Semiconductor material; Semiconductor Diodes; Diode applications; LED and Laser Diodes; Zener Diodes; BJT Transistors; BJT Switching Applications; BJT Amplifiers, Power Amplifiers, JFET Transistors; MOSFET Transistors; Switching and logic CMOS applications of MOSFETs.

ENG 314 - Electric Machines (3-0-3)
Prerequisite: ENG 223

This course provides an introduction to Electrical Machines. Topics includes; Magnetic circuits, ideal and practical transformers, instrument and autotransformers. DC motors and generators, DC motors speed control, brushless DC motors. AC machines, induction motors characteristics, synchronous generators, fractional horsepower machines. AC machines frequency and speed control. Servomotors and stepper motors.

ENG 315 - Control Systems (3-0-3)
Prerequisite: MTH 220

This course provides an introduction to Control Systems. Topics include Introduction to: Characteristics, time response, steady-state error. Open loop and closed loop concepts, transfer function, time domain, frequency domain, stability of linear feedback control systems, Root Locus method, Bode diagram. Design of feedback control systems: principles of design, design with the PD, PI, and PID controllers. Performance evaluation of feedback control systems. Software tools for simulation of control systems and analyze their performance are integrated throughout the course.

ENG 320 - Internship **(2 Credits)**
Prerequisite: 90 Credits & CGPA ≥ 2.0

Internship is a course designed to provide students with opportunities to gain work experience in a real world environment, to practice critical thinking, to solve real problems, and to develop design and innovation skills. By interacting with professionals on real problems and commercial devices, systems or software, the student learns how to tackle real world tasks, manage his/her duties, identify objectives, respect constraints, explore new ideas, investigate practical issues, design new elements (device, system, software) and make some decisions.

ENG 400 - Graduation Project 1 **(0-4-2)**
Prerequisite: Completed 100 Credit Hours

This project provides the students with the opportunity to use the learning they acquired to: apply critical thinking, further develop their design skills, and innovate. The students are expected to complete literature survey; develop a project plan; analyze requirements and acquire the necessary material and steps for their intended project. Graduation Projects in industrial environment with the co-supervision by an industrial expert are encouraged.

ENG 401 - Graduation Project 2 **(0-4-2)**
Prerequisite: ENG 400

This project provides the students with opportunities to demonstrate the learning they acquired to: apply critical thinking, further develop their design skills, and innovate. The students are expected to implement, test and perform the analysis of the results of a project based on the design and schedule completed by the same student team during the graduation project 1. Graduation Projects in industrial environment with the co-supervision by an industrial expert are encouraged.

ENG 410 - Professional and Ethical Practice **(3-0-3)**
Prerequisite: None

This course introduces the engineering profession, professional practice, engineering law and ethics. To fully assume responsibilities towards society the engineer should consider social implications and environmental impacts of technologies. Topics include: History of the profession of engineering, Principles of professional engineering practice, Professionalism and Codes of Ethics, Understanding Ethical Problems, Ethical Problem-Solving Techniques, Social implications and environmental impacts of technology, The Rights and Responsibilities of Engineers, Ethical Issues in Engineering Practice, Ethics in Computer and Internet Crime, Security and Privacy, Ethics related to Intellectual Property.

ENG 420 - Internship **(3 Credits)**
Prerequisite: 90 Credits & CGPA ≥ 2.0

The course helps to provide students with opportunities to gain work experience in a real-world environment, practice critical thinking, solve real problems, and develop design and innovation skills by interacting with professionals on real work-related issues and devices, systems, or software. The student learns how to tackle real-world tasks, manage their duties, identify objectives, respect constraints, explore new ideas, investigate practical issues, design new elements (device, system, software), and make decisions.

ENT 141 - Fundamentals of Innovation and Entrepreneurship 1 **(2-0-2)**
Prerequisite: None

This course is developed for the UAE based on decades of practices and experiences of teaching innovation and entrepreneurship at Stanford University that has fuelled innovation and high growth in Silicon Valley. The goal of the course is to equip the next generation of leaders in the UAE with an innovative and entrepreneurial mindset and its related core skills.

Most sessions include a mix of components: lecture, discussion, interactive activities in class, and open Q & A if an appropriate expert or guest speaker is available. The session descriptions below contain a summary of the session, a list of materials to read and videos to watch before the session, and a set of study questions

to contemplate beforehand and to be used in class discussion. You will focus on design thinking principles to understand innovation and entrepreneurship, specifically sustainable development (economy, society, and environment).

ENT 142 - Fundamentals of Innovation and Entrepreneurship 2 (0-2-1)
Prerequisite: ENT 141

This course is a continuation from the ENT 141 – Fundamentals of Innovation and Entrepreneurship 1 and proceeds towards focusing on the application of design thinking methods in a social and sustainable development context. Based on the United Nations Sustainable Development Goals (UNSDGs), the learner will apply design thinking methods to solve real-life social issues through social innovation. The student will focus on their own enterprising journey throughout their program of study using reflective practices. Most sessions include a mix of components: lecture, discussion, interactive activities in class, and open Q & A if an appropriate expert or guest speaker is available. The session descriptions below contain a summary of the session, a list of materials to read and videos to watch before the session, and a set of study questions to contemplate beforehand and to be used in class discussion.

ENT 241 - Entrepreneurship 1 (2-0-2)
Prerequisite: ENT 142

Entrepreneurship 1 is the first part of a continuation of two inter-related courses (ENT 241-ENT 242). The first part of the course is applied, hands-on, and interdisciplinary, which has been specifically designed with the purpose to engage the learner in entrepreneurial thought and action through enterprise planning for the development of a new business start-up from a commercial standpoint. The learning content ranges from exploring numerous creative business ideas using contemporary tools for ideation and business planning, researching market data and trends, and developing rich insights of the learner's journey by adopting reflective models for personal and professional development. Most sessions include a mix of components: lecture, discussion, interactive activities in class, and open Q & A if an appropriate expert or guest speaker is available.

ENT 242 - Entrepreneurship 2 (0-2-1)
Prerequisite: ENT 241

Entrepreneurship 2 is the second (and final) part of a continuation of two courses. The second part of the course is applied, hands-on, and interdisciplinary, which has been specifically designed to engage the learner in entrepreneurial thought and action for the development of a new business start-up from a commercial standpoint. This course extends from Entrepreneurship 1 (ENT 241) but focuses specifically on developing, presenting, and defending your innovative business plan for new venture creation at an "Investor Pitch" event. The learning content ranges from developing a comprehensive business plan using contemporary sources of reference and analytical models, researching primary and secondary data, and identifying various sources of capital for the business start-up, whilst also developing rich insights of the learner's enterprise journey by adopting reflective models for personal and professional development. Most sessions include a mix of components: lecture, discussion, interactive activities in class, and open Q & A if an appropriate expert or guest speaker is available.

ENV 201 - Principles of Environmental Sciences (3-0-3)
Prerequisite: None

This course covers the interdisciplinary nature of environmental studies. The topics include the environment and sustainability, ecosystems, biodiversity and evolution, the human population and urbanization, climate and biodiversity, food production and the environment, geology and non-renewable mineral resources, environmental hazards and human health, energy resources, air and water pollution, climate change and ozone depletion, solid and hazardous wastes, environmental economics, and politics and worldviews. Approaches to prevention and control are discussed within the overall context of sustainability.

ENV 220 - Introduction to Environmental Health (3-0-3)

Prerequisite: ENV 201

This course covers the fundamentals of environmental health. Topics include an introduction to environmental health, environmental epidemiology, environmental toxicology, risk assessment, environmental policy and regulation, zoonotic and vector-borne diseases, ionizing and nonionizing radiation, water quality, air quality, food safety, solid waste, occupational health, and environmental justice.

ENV 302 - Environmental Microbiology (2-2-3)
Prerequisite: ENV 201

This course covers fundamental aspects of microbiology in relation to environmental health. Topics include the science of microbiology, microscopy, cell structure and taxonomy, diversity of microorganisms, microbial physiology and genetics, the study of fungi, the study of parasites, controlling microbial growth in vitro, microbial ecology, environmental microbiology, food microbiology, nosocomial infections and infection control and major viral, bacterial, and fungal and parasitic diseases. Lab sessions allow students to better understand the structure, physiology and diversity of microorganisms.

ENV 304 - Water and Wastewater Quality Control (3-0-3)
Prerequisite: ENV 201

This course focuses on the principles of water management (both in quantity and quality) with emphasis on fresh water resources for domestic and multi-purpose utilization. Characterization, treatment, reclamation, and recycling of wastewater are also discussed. International guidelines, standards, and directives for water and wastewater management are presented.

ENV 305 - Food Quality and Control (3-0-3)
Prerequisite: SHS 105 & ENV 302

This course covers the concept of food hygiene and its impact on food quality. Topics include introduction to food safety and quality control, food hygiene, food contamination, quality development cycle, food quality management systems, structures, policies and responsibilities, and quality improvement.

ENV 309 - Impacts of Earth Resources and Natural Hazards on the Environment (3-0-3)
Prerequisite: ENV 201

This course covers natural processes and their impacts on the environment and human health. Topics include introduction to geological processes, earth origin and structure, plate tectonics, mineral resources, rock cycle and cosmology, oceans, currents and coasts, earthquakes, volcanoes and tsunamis, earth atmosphere, groundwater, climate and weather, glaciers and ice ages, earth resources and energy.

ENV 310 - Biostatistics (2-2-3)
Prerequisite: SHS 200

This course covers the basic principles and methods of biostatistics. Topics include an introduction to biostatistics, descriptive statistics, data organization and summary, probability, distributions, confidence intervals estimates, hypothesis testing with one, two and more than two samples, power and sample size determination, multivariable methods, non-parametric tests, and data visualization.

ENV 311 - Entomology and Pest Control Management (3-0-3)
Prerequisite: SHS 103

This course provides a background on insect body structure, classification and pest control management. Topics include introduction to the class of Hexapoda, external morphology, internal morphology, insects taxonomy, insects orders, insects ecology, insects sampling techniques, environmental and public health issues caused by pests, biological, chemical, mechanical and cultural pest control, and integrated pest management.

ENV 320 - Environmental Management: Theory and Practice (3-0-3)
Prerequisite: ENV 201

This course covers knowledge and skills of how companies and organizations will work with sustainability issues and environmental and natural resource management. This course aims to enhance students' understanding of the role of management in any organization in field of environment and how the actors in these firms should interact in each case. Topics include environmental management approaches, principles, issues and challenges, natural resources management, business and sustainability, processes, tools, and standards for environmental management, environmental economics and green economy, global sustainability, operations management and global surveillance of organizations, risk assessment and environmental justice, integrating environmental and natural resource management with the strategies, project management function, methodology, environmental analysis and monitoring, decision and evaluation, corporate organizational structures, and management of environmental health issues.

ENV 326 - Indoor and Outdoor Air Pollution (3-0-3)
Prerequisite: ENV 201

This course covers the fundamentals of air pollution. Topics include an introduction to air pollution; ambient and indoor air pollution; environmental effects of air pollution; health effects of air pollution; scale and complexity of air pollution; source sampling and emission measurement; methods for measuring air pollutants; air quality monitoring; air quality standards and legislations; air pollution control technologies; sustainable air pollution management; and climate change.

ENV 330 - Hydrology and Water Waste Management (3-0-3)
Prerequisite: ENV 201

This course covers the principles of water and wastewater management. Topics include general overview of hydrology, water demand and water supply sources, surface water and groundwater, chemical, physical and biological characteristics of water, sanitation and water management, water treatment processes, wastewater management, wastewater treatment processes, water reuse in the Arab world, and integrated water resources management.

ENV 405 - Toxicology (3-0-3)
Prerequisite: SHS 105 & 81 Cr. Hrs.

This course covers the fundamentals of toxicology. The first part of the course is devoted to Toxic agents in the environment, and occupational setting and their entry routes (cellular penetration); how they act in the body (xenobiotic interaction with biological systems); their effect on metabolism; and their impact according to different levels of exposure (i.e., their toxicity). The second part of the course is devoted to models of dose-response relationship whereas, the third part of the course gives an overview of tools and techniques for monitoring the work environment and the workers themselves for exposure to hazardous agents, evaluating data, recognizing, assessing, and communicating risks and controlling hazards.

ENV 407 - Management of Domestic and Hazardous Wastes (3-0-3)
Prerequisite: 81 Cr. Hrs.

This course covers solid waste and hazardous waste management. Topics include sources and characterization of solid waste, solid waste generation rates, collection, transportation, storage and disposal methods, socioeconomic implications of waste at the community and national levels, treatment and disposal technologies of solid waste, solid waste management planning, waste reduction, recycling, and reuse, collection and disposal of wastewater, types of hazardous wastes, treatment and disposal technologies of hazardous waste components, priorities, risk assessment and management, site redemption, concerns and effects on the public health.

ENV 416 - Epidemiology (3-0-3)
Prerequisite: SHS 200

This course covers the basic principles and approaches of epidemiology. Topics include basic epidemiologic principles, epidemiological data measurements, sources of epidemiological data, descriptive epidemiology, epidemiological study designs: experimental, cross-sectional, ecologic, cohort, and case-control studies, bias

and cofounding, epidemiological approach to causation, screening in public health practice, epidemiologic surveillance and epidemic outbreak investigation, and ethics in research involving human participants.

ENV 420 - Marine Pollution (3-0-3)
Prerequisite: ENV 407

This course covers the fundamentals of marine pollution. Topics include an introduction to marine pollution, ongoing and emerging problems; contaminants in the marine environment; distribution of pollutants in the marine environment; effect of marine pollution on environment and health, toxicity, toxicology, and ecotoxicology; monitoring and abatement of marine pollution; marine pollution control; future challenges.

ENV 421 - Occupational Health and Safety (2-2-3)
Prerequisite: 81 Cr. Hrs.

This course covers the general concepts governing occupational health and safety, and definitions of acceptable levels of hazardous chemical and physical agents in the workplace. It also covers workplace hazard identification and control; risk assessment; safety and health legislations; accident causation and investigation through laboratory experiments; and health and safety management systems.

ENV 422 - Impacts of Climate Change Policy on Environmental Management (3-0-3)
Prerequisite: ENV 306

This course covers how climate change is understood and responded to by governments, regulatory agencies, political groups and the media, and associated impacts.

ETM 200 - Tourism and Hospitality Management (3-0-3)
Prerequisite: LNG 172 & MGT 202

This course aims to introduce fundamental concepts about tourism and hospitality industry with emphasis several scopes of tourism and hospitality industry such as, tourism and hospitality management, accommodation and facility, food and beverage, and transportation. Moreover, this course will provide additional topics such as: the purpose and impact of Travel Agencies and Tours Operators, Tourism Organizations and Associations, Tourism policy and tourism marketing, the impact of tourism and hospitality on society from -economic, social and environmental aspects.

ETM 300 - Events Management (3-0-3)
Prerequisite: ETM 200

The purpose of this course is to provide students with an introduction to the planning, project management, budgeting and evaluation of events. This course will deliver an inclusive outline of events management, covering all kinds of events, venues and operations. It will analyze important role of human resource management, marketing and sponsorship within events management. The course will also examine social, environmental, political and economic impacts of events, and the future of events industry.

ETM 310 - Recreation and Tourism (3-0-3)
Prerequisite: ETM 200

The aim of this course is to provide students with introductory information that delivers the background in the broad fields of recreation and tourism studies. This course will enable understanding of the role that recreation, tourism and leisure play in contemporary society and how they affect the quality of life for the individual and the group. The purpose of this course is to prepare students to develop leaders in recreation and tourism management practice and it's a growing career. Also the course will emphasize progress of recreation prospects associated with the intelligent practice and protection of natural resources. The importance of the course is placed on preserving the reliability of recreation and tourism resources, complementary public and private interests in land, and creating recreation opportunities as a component of planned land use.

ETM 315 - Meetings Incentive Conferences and Events (MICE) Management (3-0-3)

Prerequisite: ETM 320

The purpose of this course is to provide students with a comprehensive knowledge of the Meetings, Incentives, Conventions and Events (MICE) industry. The aim of the course is to enable students to develop comprehensive MICE strategies and to implement successful MICE programs. Emphasis will be placed on opportunities and challenges in combining business travel with pleasure, and on international context of MICE industry.

ETM 320 - Festivals Management (3-0-3)
Prerequisite: MGT 210 & ETM 300

The objective of the course is to introduce the conceptual, educational and qualified skills needed to achieve creative and traditional festivals in the tourism & event sector. Particular attention is given to the principals involved in designing, implementing, marketing and evaluating the different types of festivals. Also, the course delivers detailed frameworks to comprehend the issues associated with festivals management and support students to improve their knowledge of the contemporary issues related to the festivals management, equipping them with theoretical and applied management skills.

ETM 330 - Medical and Wellness Tourism (3-0-3)
Prerequisite: ETM 200

This course will analyze health and wellness tourism theory and practice and elaborate various concepts and models of health and wellness tourism development. Students will acquire theoretical knowledge related to public policy and challenges regarding health and wellness tourism development. The course will focus on managing the health tourism services and facilities, emphasizing the specific characteristics of “health and wellness” tourists and their behavior. Students will be provided with the understanding of the international health and wellness tourism market and its future growth.

ETM 410 - Events Marketing (3-0-3)
Prerequisite: MKT 201 & ETM 300/MKT 310/MKT 208

The aim of this course is to provide students with an understanding of the long-term subjects in event marketing. The course will analyze theoretical and practical concepts and marketing models for various kinds of events. Also the students in this course will gain theoretical and analytical skills in strategic planning and how it relates to event marketing & management. Students will study about the intentional improvement of events as well as its use for strategic destination marketing.

ETM 415 - Tourism Destination (3-0-3)
Prerequisite: ETM 200 & MGT 210

This course aims to provide students with knowledge and skills needed for managing tourism destinations. The course will introduce key concepts and topics about tourism destinations and tourism destination management organizations (DMOs) such as: types and characteristics of tourism destinations, destination planning and policies, e-business and destination marketing, modern trends in tourism and their impact on the development of tourism destinations.

ETM 420 - Sustainable Tourism Development (3-0-3)
Prerequisite: ETM 410

This course aims to present the ideas, values and principles related to sustainable tourism development, stressing on its inferences for planning and management functions. This course will address the perception, explanation and development of sustainable tourism development. Also, the course assumes the problem-based knowledge format, which endorses and improves students’ analytical skills, problem solving skill and team working skills.

ETM 430 - Resort and Hotel Facilities (3-0-3)
Prerequisite: ETM 310

The purpose of this course is to introduce basic facility management principles, and to provide basic knowledge and skills related to the role of facilities in tourism and hospitality industry, explaining how building maintenance can affect safety and natural environment. This course will examine hotel and resort facilities management, analyzing the primary facilities systems - safety and security, solid and hazardous waste, and water, electrical, heating and cooling systems. Special emphasis will be on the food service equipment and laundry systems.

FIN 201 - Managerial Finance (3-0-3)
Prerequisite: ACT 112

The primary objective of the course is to develops an understanding of the basic principles and fundamentals around time value of money, introduction to valuation and financial analysis. Topics include introduction to financial management, time value of money, annuities, financial analysis, bond valuation, stock valuation, and capital budgeting.

FIN 310 - Corporate Finance (3-0-3)
Prerequisite: FIN 201

This course requires the concepts, principles and skills emphasized in FIN-201 Managerial finance, which is a pre-requisite. The primary objective of the course is to provide an in-depth overview of theories and the methodologies of corporate finance. The first part of the course covers Risk and return-some lessons from capital market history and future consideration, Efficient market hypothesis, CAPM and cost of capital. The second part covers the three key financial decisions which include capital investment, working capital management, and dividend policy.

FIN 320 - Financial Statement Analysis (3-0-3)
Prerequisite: FIN 201

This course provides a conceptual framework of Financial Statement Analysis at the advanced level. For performing analysis of the Financial Statements of companies, this course covers different accounting and quantitative analysis tools on the financial and cash flow analyses. Topics include: understanding balance sheet and income statement, preparing cash flow statement by using different methods and types of off balance sheet financing.

FIN 325 - Financial Markets and Institutions (3-0-3)
Prerequisite: ECO 222

The course examines the financial system. It helps to have a basic understanding of the banking system. The other covered topics include, assets supply and demand, interest rate determination, stock and bond markets, exchange rates, the money creation process, the relationship between money, inflation, and monetary policy. Although the module is about financial systems in general, there will be reference to contemporary financial crisis and to their historical antecedents. The course links the fields of macro-economics and finance. It also focuses on understanding monetary policy, fiscal policy and their impact on the money supply, interest rate, aggregate demand, and the financial system.

FIN 330 - International Finance (3-0-3)
Prerequisite: FIN 201

This advanced finance course focuses on understanding the challenges of operating internationally, assessing the major economic players in the foreign exchange market, including determination of exchange rates, managing operating and transaction foreign exchange exposures. As part of risk management tools, foreign currency derivative instruments are discussed and applied. In addition, multinational capital budgeting issues are evaluated as part of a firm operating internationally.

FIN 350 - Portfolio Management (3-0-3)
Prerequisite: FIN 201

This course covers the portfolio analysis of a group of securities. The Mean Variance Portfolio Theory is

introduced including its application in determining the properties of efficient and optimal portfolios. An overview of equity portfolio management is given including passive/active management approaches. The importance of capital market expectations is laid out as part of strategic asset allocation. Portfolio performance evaluation tools are evaluated. Different security market indices are finally covered including return estimates and how indices can be used in portfolio management.

FIN 360 - Investment Analysis (3-0-3)
Prerequisite: FIN 201

This course introduces the important characteristics of the financial markets in which equities, fixed-income instruments, derivatives, and alternative investments trade. It introduces the student to the world of investment finance, and how finance models such as CAPM, stock and bond valuation, technical analysis, and macroeconomic and industry analysis can be used in financial decision-making. This course will complement the use of Excel where models would be applied, including synchronizing them together using real financial data as part of making investment decisions.

FIN 444 - Investment Fund (2-2-3)
Prerequisite: ECO 222, FIN 310, FIN 350 & FIN 360

The course aims at providing students with a practical experience in the management of an investment portfolio. In this course, students will be responsible for managing fictitious funds using real-time data from Factset. They will be acting as an investment committee and taking the responsibilities of financial analysts and portfolio managers. Students will complete tasks such as macroeconomic analysis, fundamental security analysis, stock pitch, portfolio strategies, and asset allocations.

FIN 480 - Financial Derivatives (3-0-3)
Prerequisite: FIN 310 & FIN 360

The main objective of this course is to provide the student with the necessary skills to value and apply options, futures, forwards, and swaps. Topics that will be covered include hedging strategies using futures, mechanics, and properties of options markets, trading strategies using options, binomial trees and Black-Scholes-Merton option pricing models, and interest rate swaps. An overview of the biggest losses in derivatives markets will also be covered towards the end of the course.

FSN 101 – Textiles (3-0-3)
Prerequisite: None

This course is an introduction to textiles and fibers: the general concepts of durability, comfort and care are related to the serviceability of fibers, yarns and fabric construction. In the laboratory time the students examine and compile a book of fabric samples, which illustrate the concepts discussed in the lecture.

FSN 132 - History of Art I (3-0-3)
Prerequisite: None

Tracing the broad development in art, design and architecture from the classical period through to the Renaissance, this course will offer an analytical survey of images, objects and buildings that seeks to explain the historical, cultural and social contexts of the production of art broadly defined and to offer a means of understanding stylistic change and its meanings.

FSN 199 - Fashion: The Industry (3-0-3)
Prerequisite: None

This course is an overview of fashion, from its history, cyclical nature and development to the materials, producers, and retailers who impact the business on a global level. The latest industry trends impacting the people, principles, practices, and techniques of fashion business will be explained.

FSN 200 - Fashion Studio (3-0-3)
Prerequisite: None

This studio course allows students to experience and test a range of fashion practice models. Research, design methods, production techniques, presentation and communication of the studio work and ideas will be the focus of the studio course. The studio content will be based on concepts, techniques or a specific genre of fashion practice. Each studio offering will include aspects of design development, communications and how to realize prototypes.

FSN 203 - History of Design (3-0-3)
Prerequisite: None

This course introduces students to the study of design history in its cultural context. It will provide an interdisciplinary appraisal of design history and offer an exploration of the supporting social and cultural infrastructure of design. The course will encourage an analysis of design and thereby help to create an understanding of past, present, and future design progression. Students will be encouraged to use.

Design History as a means of understanding current cultural design contexts and as a means of understanding the global implications of contemporary design production.

FSN 223 - Fashion Concepts and Theory (3-0-3)
Prerequisite: None

This lecture course introduces students to the study of fashion within an interdisciplinary context. It will examine issues such as diversity, identity, aesthetics, consumption, authorship and new media and place these within a sociological, cultural, historical and business context. Fashion will be examined in relation to media and marketing, health and well-being, globalization and culture, and the arts.

FSN 400 - Fashion in International Markets (3-0-3)
Prerequisite: FSN 199 & FSN 223

This course will focus on the background of trade in textiles, the complexities of international marketing in fashion and apparel sector. Economic, political, historical, cultural and business trends will be explored to determine the issues facing a fashion marketer in today's global business environment. A framework for analysis of identification of opportunities will be the focus of this course with the development of an appropriate export business plan.

GED 101E - Applications of Computer Software (2-2-3)
Prerequisite: None

This course introduces students to basic computer fundamentals and terminologies. Students get a thorough hands-on experience and practice of the most common commercial software applications in the labs including Microsoft Windows Operating System, Microsoft Office tools (Word, Excel, and Access). Emphasis is given on the use of Spreadsheets and Databases, and their application to the corporate and business world.

GED 110E - Modern Art Appreciation (2-2-3)
Prerequisite: None

Modern Art Appreciation' is a broad-based (1) theoretical and (2) practical course. It focuses on (1) visual theory, the major modern art movements, such as The Origins, The Islamic Art, The Renaissance Art, The Modern (19th century) Artistic Movements. (2) In addition, students will identify various styles within Modern Art Movements, and apply this knowledge in studio and class assignments.

GED 111E - Music Appreciation and Communication (3-0-3)
Prerequisite: None

This course is designed to acquaint students with the elements of music and the primary musical periods of classical music. In addition, understand the value of music as part of mass communication and media. Students will have a brief overview of the major composers and their music through class lectures, listening to musical examples in class, reading the text, listening to musical examples provided on the student CD's or

recordings, actively engaging in class discussions, attending live concerts of suggested performances, and completing research papers and/or oral presentations pertinent to the course material.

GED 112 - Using Positive Psychology at Work **(3-0-3)**

Prerequisite: *Students should have an advanced level of English as a significant portion of the course rests on a significant amount of reading, writing, and speaking. Suitable for 3rd and 4th year students interested in improving and attaining career and personal goals and prospects.* **LNG 172**

This advanced psychology course invites students to explore the emerging field of Positive Psychology with a focus on the workplace. Students will learn about the science of happiness by exploring theory and concepts relative to a state of well-being, such as the architecture of sustainable happiness, adaptation, broaden and build theory and flow. The second part of this class will focus on the application of theory in the workplace as well as in one's personal life. Students will be invited to engage in several positive psychology interventions (PPIs), such as generating positive emotions to improve creativity, relationships with coworkers, and work performance. How these techniques are currently being used within organizations to increase employee retention and job satisfaction will also be reviewed through the identification and evaluation of two corporate wellness programs. Students should be aware that there is a significant amount of reading involved. Failure to keep up with the readings will result in poor academic results.

GED 125E - Ecosystems and Human Health **(3-0-3)**

Prerequisite: None

This course introduces the key concepts of human health, emphasizing how they are related and the implications of this relationship to human wellbeing. Topics related to the definition of health, healthy behavior, stress, nutrition, physical activity, addiction, infectious and non-infectious disease, and environmental health will be covered in this course.

GED 132E - Science and Technology in Society **(3-0-3)**

Prerequisite: None

This course examines the aims, methods and consequences of scientific enquiry in human history, including the impact of scientific and technological advances on societies, cultures and political systems. The course also discusses some of the philosophical disputes prompted by those advances and the political and their ethical implications on societies.

GED 150E - Foundations for Community Engagement and Social Work **(3-0-3)**

Prerequisite: None

This course is designed to develop practice knowledge and skills necessary to begin professional social work practice, while introducing you to the values, philosophies and knowledge base integrated into social work practice. The course will assist you in the early development of skills such as: self-awareness, personal values, professional values, communication, observation, building professional relationships, and identification and analyses of ethical dilemmas. Specific emphasis will be given to developing a sense of professional identity, responsibility and basic practice skills with individuals, families and communities.

GED 196E - Communication Skills in Arabic 1 **(3-0-3)**

Prerequisite: None

The course aims at developing the basic skills of Arabic for non-native speakers. It covers the four language skills of modern standard Arabic (writing, reading, listening and speaking). Special emphasis is placed on the skills needed for basic daily communication.

GED 198E - Islamic Culture **(3-0-3)**

Prerequisite: None

The course presents an elementary survey of Islam as a religion and as an approach to life. It aims at establishing the concept of Islamic culture and its position among other cultures, its position in the Muslim life, its sources and its characteristics. The course is designed to help students relate the principles of Islamic Culture to the changing realities of contemporary world and understand how Islam can play a constructive

role in religious dialogue, peace building, and problem solving of major ethical, financial, and educational problems of modern world.

GED 199E - UAE Society **(3-0-3)**
Prerequisite: None

This course is an introduction to the UAE society in its political, geographical, cultural, demographical and social aspects. Students are encouraged to reflect on the evolution of society in view of the fast changes brought by modernization and globalization. Topics include: the Emirates geography and history, aspects of life before and after the Emirates political union, economic and social development, the cultural life before and after the union.

GED 205E - Psychology for Everyday Life **(3-0-3)**
Prerequisite: LNG 172 or LNG 182

An introduction to concepts and principles of selected areas of psychology and their applications to daily living. The aim is to foster students' understanding of the self and its interactions with the environment. Topics include: research in psychology, basic neuro-psychology, theories of learning, memory, motivation, development, intelligence, health, and social psychology.

GED 252E - Critical Thinking **(3-0-3)**
Prerequisite: LNG 172 or LNG 182

This course aims to engage student's in critical thinking in a range of contexts. Student's will analyze and evaluate the language of argumentation by identifying premises and conclusions, deductive and inductive reasoning. Furthermore, students will evaluate arguments; validity, soundness and problems of interpretation as well as common fallacies of reasoning. Students will distinguish different types of thinking through evaluating independent and collaborative learning, and group dynamics. In addition, students will acquire strategies and methods to solve problems, equate probability and causality. Lastly, students will learn to analyze reading texts and respond by composing a critical analysis.

GED 272 - Fundamentals of Public Speaking **(3-0-3)**
Prerequisite: LNG 172

Being able to communicate well in public situations is something any university graduate is expected to be able to do with ease. This course will introduce students to the fundamentals of public speaking. These include the steps of the speech-making process. The course will also focus on developing oral communication skills and presentation skills that students need to succeed in their major programs of study and to advance in their future careers. Students will be asked to give various speeches in a wide range of settings and for a variety of purposes to enhance their appreciation of and comfort with the art of public speaking.

Fundamentals of Public Speaking' also focuses on developing skills for thinking critically, whether one is designing one's own presentation, listening to the presentations of others, or evaluating information and solutions in the process of accomplishing a group task.

GED 298 - Special Topics in Western Culture **(3-0-3)**
Prerequisite: LNG 172 or LNG 182 & GED 198E

Field Study – English Language and Canadian Culture: The course will allow students to enhance their English language skills and develop a firm understanding of Canadian culture and history. The field course will see students spending 4 weeks at the University of Ottawa located in Canada's Capital region where they will study intensive English, and also, through a series of lectures and seminars, learn about Canadian history and culture. Complementing the course will be an extensive schedule of cultural excursions aimed at exposing students to life in Canada.

GED 324 - Ethical Reasoning for Today's World **(3-0-3)**
Prerequisite: LNG 172 or LNG 182

This course includes two aspects: On the one side, it examines the theories, skills and applications of moral philosophy, including a description and a discussion of the three influential approaches to morality, namely: character ethics, consequences based ethics, and principle based ethics. Some topics are: an introduction to ethics and morality, consequentialist and non-consequentialist ethics, character/ virtue ethics, models of justice, and being a good citizen. On the other hand, the course is devoted to developing abilities to practice ethical reasoning. The focus is set on the American Counselling Association Code of ethics, which includes explicit references to possible ethical dilemmas, and suggests, in its preamble that counsellors reflect on the process of solving such dilemmas. This is exactly related to the competences required in the field of ethical reasoning.

GED 330 - Introduction to Canadian Studies (3-0-3)
Prerequisite: None

This course introduces students to an interdisciplinary study on Canada, including topics on Canadian culture and society, the languages of Canada, Canadian literature, media and communications, Quebec, Acadians and indigenous peoples, agriculture in Canada, natural resources and geography of Canada, the history of Canada, Canadian government and politics, and legal traditions. It also compares and contrasts political, economic, and social differences between Canada and the United States of America.

HA 301 - Health Information Systems (3-0-3)
Pre-requisite: HOM-101

This course introduces the students to health information systems. It covers aligning the health information system to healthcare strategies, discussing crucial elements that enable health information technology to operate effectively and efficiently, and examining crucial health information technology capabilities that can help deliver value to healthcare organizations. The course also covers the role of HIS in digital health: telemedicine, mobile health, and artificial intelligence.

HA 310 - Healthcare Quality (3-0-3)
Pre-requisite: HOM-101

This course covers the advanced healthcare quality. It examines the methods and tools for managing quality in health facilities, including evolution of quality in healthcare, the appropriate implementation process of quality initiatives in healthcare, the role of quality in patient care, quality improvement, and patient satisfaction. Topics include total quality management in healthcare, tools for quality improvement in healthcare, and elements of quality improvement plan.

HA 314 - Performance Improvement in Healthcare: Measurement and Management (3-0-3)
Pre-requisite: None

This course covers process management and performance measurement in healthcare. Topics include performance improvement cycle, clinical indicators, non-clinical indicators, benchmarking, reporting, behavioural change, and selected statistical applications relevant to performance improvement.

HA 315 - Health Policy and Governance (3-0-3)
Pre-requisite: 81 Cr. Hrs.

This course introduces the students to health policy. Topics include health policy framework, the policy process, overview of the healthcare system, the role of public health institutions in health policy, essential issues in health policy, health economics in a health policy context, health reform, public health preparedness policy, and policy analysis.

HA 330 - Medical Coding (3-0-3)
Pre-requisite: HA-301

This course introduces the students to medical coding with the focus on the students gaining practical skills in medical coding. The course overs International Classification of Diseases (ICD) ICD-10 coding of main diseases such as cardiovascular and musculoskeletal conditions. The course also covers Current Procedure Codes (CPT) for various clinical procedures.

HA 450 - Healthcare Finance & Insurance **(3-0-3)**
Pre-requisite: ACT-112

This course covers the principles of healthcare finance and insurance. Topics include the distinction between expenses and cost, distinction between direct and indirect cost, fixed, variable and semi-variable costs, financial statements and financial ratios relevant to healthcare organizations, payment methods of healthcare organizations including insurance payments. The course also discusses the best financial strategy to deal with healthcare finance and insurance.

HOM 101 - Fundamentals of Healthcare Management **(3-0-3)**
Prerequisite: None

This course presents an introduction to the practices and concepts of management and their applications in healthcare. Topics include: Concepts of management, special characteristics of healthcare management, role and responsibilities of the healthcare manager, organization and change management, planning healthcare facilities and management of processes, human resource management, material management, financial management, Total Quality Management, waste management, marketing healthcare services, marketing healthcare services, health management organizations (HMOs) and future trends in health management.

HOM 301 - Process Management in Health Services **(3-0-3)**
Prerequisite: SHS 213

This course addresses the basic and contemporary knowledge of business process management (BPM) & re-engineering as well as their application in the healthcare organizations. Topics include: Evolution, application and tools of BPM in healthcare, Process mapping fundamentals, Process analysis, Process improvement and organizational change, role of IT in BPM, implementation of BPM in health care services, Factors influencing the implementation of BPM, Clinical practice guidelines and the clinical pathways, Business Process Reengineering BPR and methods.

HOM 303 - Health Education and Promotion **(3-0-3)**
Prerequisite: None

This course covers the major theories of health behaviour and health promotion. It focuses on the application of health behaviour theories to health promotion and education practices. Topics include: health behaviour change theories and models, program planning models, and the applications of behaviours change to health issues such as smoking, obesity, and lack of physical movements, and health education. In addition, the course covers practical applications of health promotion.

HOM 304 - Healthcare Operations **(3-0-3)**
Prerequisite: SHS 213

This course focuses on the macro- and micro- management operations within healthcare institutions. Topics include: Healthcare organizations, Accessing health care, Physician organization and management, Nursing organization and management, Management and financial services, Pharmacy services, Food and nutrition services, Housekeeping and environmental services, Safety and security, Legal services, Planning and management of emergency services, of health information, of Ambulatory services, Imaging, Pathology, and Rehabilitation services.

HA 320 - Hospital Management **(3-0-3)**
Pre-requisite: HOM-101

This course covers macro- and micro- management operations within healthcare institutions. Topics include healthcare organizations, accessing health care, physician organization and management, nursing organization and management, management and financial services, pharmacy services, food and nutrition services, housekeeping and environmental services, safety and security, legal services, planning and management of emergency services, of health information, of ambulatory services, imaging, pathology, and rehabilitation services.

HOM 408 - Health Information Department Management (3-0-3)
Prerequisite: HIM 408

The course discusses the different skills required to efficiently manage a health information department. Topics include: Functions of health information management, Medical record physical facility design and safety, Planning function and the management of information plan, Organizing function, Directing function, Controlling function, Health information Quality Assurance/Peer review, Evaluating the Quality of health information services, Continuous quality improvement.

HOM 411 - Accreditation for Healthcare Organizations (3-0-3)
Prerequisite: HA 320

The course covers the process of accreditation of healthcare organizations. Topics include accreditation concept and accreditation agencies, international accreditation standards for hospitals, patient-centered standards, healthcare organization management standards, family rights, Assessment of patient, health care organization management standards, quality management and improvement, prevention and control of infections, governance, leadership and directing, staff qualification and education, accreditation process.

HOM 412 - Healthcare Facility Safety and the Environment of Care (3-0-3)
Prerequisite: 81 Credit Hours

This course provides students with knowledge in organizational safety, patient, visitors and their own safety. Topics include: overview of the environment care and basic facility management and safety, wanding and watching, security management, preventing infant abduction, waste and hazardous material management, disaster and emergent management, fire safety management, medical equipment and utilities management, and construction and renovation.

HRM 210 - Human Resource Management (3-0-3)
Prerequisite: MGT 202

This course is designed to introduce the fundamental issues associated with Human Resource Management (HRM). An examination of the major topics related to HRM and current issues are addressed to better understand the important role of human resources as a source of competitive advantage for organizations in today's ever-changing environment.

HRM 265 - Performance Management (3-0-3)
Prerequisite: HRM 210

This course provides students with a comprehensive understanding of the principles, strategies, and techniques involved in effectively managing employee performance within organizations. Students will explore the key components of performance management, including goal setting, performance measurement, feedback, coaching, and performance appraisal.

HRM 275 - Conflict Management (3-0-3)
Prerequisite: HRM 210

This course introduces students to the theories, principles, and practical strategies for effectively managing and resolving conflicts. Through a comprehensive exploration of conflict resolution models, communication techniques, and negotiation strategies, students will develop the skills necessary to navigate conflicts in various settings, including personal relationships, workplaces, and community contexts.

HRM 320 - UAE Labour Law and Relations (3-0-3)
Prerequisite: MGT 202

This course explores how UAE labor laws regulate the legal aspects of employer-employee relations, attempting to identify the economic and regulatory influences that have shaped UAE labor laws. Students will become familiar with the history, nature, source, function, effects, and application of labor laws. The rights and responsibilities of both employers and employees will be examined. Students will learn skills to

assist with settlement of workplace disputes. An understanding of how to apply laws in particular employment-related situations will be attained through case studies and in-class activities.

HRM 330 - Staffing **(3-0-3)**
Prerequisite: HRM 210

This course addresses the theory, principles, practices, and legal requirements for effective recruitment, placement, and selection in various organizational settings. This course also provides the students with the strategic approach to human resource planning so that the right balance will be achieved.

HRM 370 - Compensation Management **(3-0-3)**
Prerequisite: HRM 210 & QBA 241

This course presents the importance of compensation management in terms of concepts and practices. It discusses the theory, equal pay act, concepts, and procedures in developing and administering a compensation program. The course also exposes the students to learn current trends in compensation management and the best practices of multinational organizations in administering fair compensation program.

HRM 410 - Human Resource Development **(3-0-3)**
Prerequisite: HRM 370

This course offers the study of theory and practice of human resource training and development applied to organizational settings. Through this course, the students will be oriented on the basics of training through the conceptualization of training needs assessment, designing, developing, implementing, and evaluating of training programs.

HRM 420 - Special Topics in HRM **(3-0-3)**
Prerequisite: HRM 210

Global organizations have evolved dramatically and radically over the last ten years–and so has the role of human resources management (HRM). As a strategic partner, HRM has enabled organizations to develop new policies and procedures that address the challenges facing organizations in the 21st century: globalization, changing demographics, technology, innovation, and continuous change. Thus, this course is designed to provide students with an in-depth understanding of the most current trends in HRM and how these changes benefit organizations and provide them with competitive advantage.

HRM 430 - Change Management **(3-0-3)**
Prerequisite: HRM 210 & MGT 320

The course provides students with an understanding of the theories, models, and practices involved in effectively managing organizational change. Students will explore the key concepts and principles of change management, including the drivers of change, change processes, and the role of leadership in facilitating successful change initiatives. Emphasis is placed on developing strategies for navigating resistance, promoting employee engagement, and fostering a positive change culture within organizations.

HRM 440 - International Human Resource Management **(3-0-3)**
Prerequisite: HRM 210

This course is an introduction to the critical issues facing organizations in simultaneously managing their human resources at home and abroad. It focuses on the connection between corporate strategies and the effective management of human resources.

HRM 460 - Introduction to Leadership **(3-0-3)**
Prerequisite: HRM 210 & MGT 320

The course is designed to provide students with a broad understanding of the development of leadership theories, focusing, ultimately, on the more contemporary models of leadership needed for successfully leading the complex, global organizations of the 21st century. Based on the belief that everyone is called to

lead at some time, the secondary emphasis of this course is on student's developing an understanding of who they are as leaders, i.e., their values, motivations, and leadership styles. The leadership development concepts used in this course will be immediately applicable for students and useful in their business endeavours.

HRM 470 - Strategic Human Resource Management (3-0-3)
Prerequisite: HRM 265, HRM 370 & HRM 410

This course exposes the students to the intersection of HR management, business, and competitive strategies. It introduces the students to the key "core competency" areas necessary to become successful managers of human capital.

IDF 100 - Elements and Principles of Design (3-0-3)
Prerequisite: None

This course focuses on the elements and principles of design. As ordering systems, the aim is to enhance students' knowledge and technical skills relating to their meanings, the parameters involved, the interpretations and their manifestations in natural and man-made contexts. It touches on their roles in the complex nature of design as a creative process and as a product with the objective to achieve a change in the environment and in people's lives. A parallel emphasis is placed upon exploring the varied approaches towards each principle in view of contemporary positions. The line, texture, color, light will be investigated together with the main principles such as balance and proportion. Students will achieve the required competencies through lectures, readings and hands-on analytical exercises. The exercises will cover published and real settings. They will progress from the analysis of natural contexts to that of 2D and 3D man-made formulations with a focus on selected elements and principles progressively.

IDF 200 - Introduction to the World of Design (3-0-3)
Prerequisite: None

This lecture course introduces interior design as an integrated industry as well as a highly creative discipline. Students will explore contemporary design in its socio-economic, environmental and cultural contexts. Residential, hospitality and corporate environments, as well as strategic retail applications will be studied in a global perspective.

IDF 250 - Contemporary Art and Design (3-0-3)
Prerequisite: None

This introductory course in the evolution of art and design examines visual and material culture studying the past one hundred years within the context of constructions of identity and place. It provides background for a study of the design disciplines. Areas covered include art, architecture, interior design, furniture, graphic design and industrial design. The research method of Evidence Based Design is introduced to direct the process of decision making relative to the built environment.

IDF 300 - Strategic Thinking and the Deep Dive (2-4-4)
Prerequisite: IDF 100, IDF 200 & IDF 250

This hands-on course in design methodology and process introduces students to collaborative problem solving in a design context. The aim is to enhance knowledge about the varied models of the design process, the stands on the quality of design outcomes and their corresponding links to contemporary design positions. On the detailed level, it aims at developing the skills of analyzing design problems and of formulating unique design responses to them. Emphasis will also be placed on the conventions and requirements of each design stage. The course will progress with theoretical input in parallel with analysis and design formulation exercises. These will cover the analysis of past design products, identifying the tangible and intangible dimensions of design problems and formulating design responses in view of prescribed criteria of appropriateness. It will progress from 2D and 3D abstract formulations into 3D functional problems. It will touch on thematic approaches, mind mapping, diagramming and storyboarding techniques used in generating and communicating conceptual directions for products, services or

experiences. Development of communication and presentation techniques, research, critical and conceptual modules are also taught.

IDF 301 - Leaping Fences: New Directions in Design (3-0-3)
Prerequisite: IDF 100, IDF 200 & IDF 250

This advanced course will examine the nature of creativity and the cultural implications of the creative act through lectures, reading, seminars and field trips. Students will investigate the boundaries of interior design and related design professions such as art, architecture, graphic and industrial design, film and virtual environments.

IDF 309 - Sustainable Design (3-0-3)
Prerequisite: None

What is sustainable design? It is a moving target. Health has always been a key part of the picture, but often took second billing to energy saving. This class examines sustainable design through the lens of health and wellness relative to the built interior environment. Students review and write a report from current publications focused on global sustainability.

(www.greendesignrsid.blogspot.com)

The class will apply the categories of the commercial WELL Building Standard to residential uses and publish as a document on the class website.

INB 300 - International Economics (3-0-3)
Prerequisite: ECO 222

This course analyses the economic interdependence of national economies both in trade and finance. Students learn trade theories to explain the reasons for, the pattern and gains from international trade, as well as the effects of trade restriction. Empirical evidence is introduced to support the theories. The policy developments in developing and the developed nations are compared and discussed during the course. In international finance, balance of payments, exchange rates and related open-economy macroeconomics are covered. Topical issues in international trade such as environmental concerns and trade, as well as the role of international agencies (such as the IMF/WTO) is discussed.

INB 340 - The International Dimensions of Human Resources Management (3-0-3)
Prerequisite: HRM 210

This course is an introduction to the critical issues facing organizations in simultaneously managing their human resources at home and abroad. It focuses on the connection between corporate strategies and the effective management of human resources.

INB 360 - International Business (3-0-3)
Prerequisite: MGT 202

This course focuses on the environment of international business, the differences between domestic and international business, globalization issues, cultural and societal, economic and legal environment, import and export trade, entry modes, regional economic integration, emerging markets, financial institutions, marketing and management strategy. The institutional and competitive environment and managerial challenges of firms engaged in international business. It considers the activities of multinational enterprises and government policies toward them, drawing policy implications for the management of these enterprises. It also covers international trade theories, foreign direct investment, international financial institutions, differences in political economy and culture, barriers to trade, foreign exchange, business-government relations, and the strategic alternatives available to companies operating in the global economy. The conduct of international business transactions, including terms of sale (INCOTERMS), financing arrangements, means of payment, credit insurance, shipping and insurance issues, support services, and trade facilitation.

INB 410 - International Management (3-0-3)

Prerequisite: MGT 202

International management is increasing in importance in today's global business landscape as enterprises of all sizes expand their operations world-wide. This course examines the international dimensions of management including internationalization of the firm, globalization of industry, international strategy frameworks, strategy implementation requirements, management of relationships with host nations, cross-cultural management and international human resource management. More specifically, it explores how decision makers in business and government settings manage the process and outcomes of negotiations, cross-cultural negotiations in a global business environment. Emphasis on decision-making in the face of rapidly changing international conditions, cross-cultural analysis of management theory and practice in select countries and regional markets, challenges confronting modern multinational enterprises in organizing cross-border activity that spans multiple stages of the value chain.

INB 420 - Business Law (3-0-3)
Prerequisite: MGT 231

This course presents students to the concepts of international business law including both public and private international law. For public international law, various international treaties and laws governing international business transactions are covered in this course. For private international law, international agreements covering commercial law, international legal requirements are covered. Topics include technology transfer, intellectual property, agency agreements, UN agreements, international contracts, and international export and import laws.

INB 421 - International Trade and Policy (3-0-3)
Prerequisite: INB 300 & INB 360

Trade Policy is complex nexus of economic theory, economic conditions and trends, domestic and international politics and institutions, domestic business interests and civil society. The course examines a range of issues in international trade and policy, determinants of a nation's trade policy, the theories and institutions that drive international trade policy, UAE trade policy, basic law and economics of modern international trade, including WTO-related issues, trade balances and imbalances, tariffs, trade remedies, global supply chains, global outsourcing, the moral case for free trade, regardless of its economic or political benefits. Specifically, the course examines the interrelationship between international trade theory, policy development, and policy enforcement.

INB 450 - International Accounting (3-0-3)
Prerequisite: ACT 212

This course provides students with a broad perspective of international accounting and reporting issues that multinational corporations face. The course covers nature of international operations, international financial markets; diversity of financial reporting; consolidation of financial statements of multinational companies, comparative accounting systems, international efforts to harmonize financial reporting, and other reporting issues facing multinational corporations. The course also addresses how to reconcile differences among international accounting standards and other alternative accounting systems.

INB 490 - Global Business Strategy (3-0-3)
Prerequisite: FIN 330, INB 300, INB 340, INB 420, INB 450 & MKT 465

This course presents on the contests of developing and applying corporate approaches in an international setting. It is organized to provide students with a theoretical and applied understanding of the strategic and organizational challenges of international corporate management.

IND 232 - Research and Design Applications (3-0-3)
Prerequisite: LNG 172 & DES 261

IND 232 contributes to the essential critical thinking and research competencies of an interior designer relating to the investigation and formulation of interior design. As a general exploration of people's needs and the spatial patterns that characterize them, it focuses on raising questions, formulating abstract ideas

and interpreting information in the briefing and design processes through the help of environmental behaviour theories and Evidence-based design. It addresses the relationship between Research and Design, research properties, structure, problems, arguments, variables, operationalization, objectives and methodology. It aims at enhancing the skills of documenting and analysing cases in relation to a general framework, deriving generalized patterns and developing abstract ideas into well-defined and measurable phenomena. The course helps in examining general topics and narrows them towards specific researchable problems and in formulating objectives and the methodology needed to attain them. It is a foundation to apply research competencies in the advanced subsequent design studios and in other courses at the same semester. The basic concepts of research will be discussed leading to examinations of individual cases and of selected topics in interior design. To achieve this, lectures, assignments, individual investigations, and site visits will be utilized.

IND 242 - Construction and Design Integration: Interior Design (2-2-3)
Prerequisite: DES 241

IND 242 represents an enhancement to the technical knowledge on construction systems and methods as relating to interior design. It aims at enhancing knowledge of interior construction systems and materials focusing on the detailed elaboration of the combinations of components within them. In particular, two intents are sought. First, enhancing awareness about the importance of detailing in relation to design; and second, enhancing understanding of; the specific relevance of sustainability to the detailing of components, the detailed properties of carpentry systems, the elements in each (windows and doors, frameless glazing, stairs, lightweight façades, ceilings and partitions) and the specific properties of finishes. The course, prepares students to address the construction dimension in the following specialized design studios. It prepares for a greater understanding of building systems and their integration in DES 341. It is linked to the design studio taken in the same semester by providing the background needed in the formulations of design proposals in IND 262. It progresses into interior components and their properties to a discussion of interior materials. These include Doors, Glass, Windows and Frameless Glazing and detail, Flooring, Ceilings, Wood, Partition Walls, Stairs, Escalators and Elevators, and Finishes (Stones, Ceramics, Wood, Stucco and Paints). The course is delivered through structured lectures, site visits and assignments focusing on researching materials and selected construction components.

IND 262 - Residential Design (Studio) (3-6-6)
Prerequisite: DES 261

IND 262 Residential Design studio represents the first major interior design studio linking earlier small scale design problems to advanced specialized interior design studios. It aims at developing design thinking through a residential focus in line with the contemporary theories and at enabling students to apply advanced and specialized knowledge within the residential context. IND 262 emphasizes enhancing knowledge on the residential typologies, space planning, material finishes and structural elements. It prepares students to refine their analytical skills and formulating and refining interior design briefs. The course is the first interior design studio focusing on residential design and leads to advanced interior design studios in commercial design and institutional design. The student will gain a series of required skills including client analysis, programming, and materials and finishes. It includes submissions on essential elements of Pre-Design problem analysis; case studies; evaluation of the existing structure and space quality of the given building concept formulation; Schematic Design stage and finally a development of the design project. In order to achieve this, the course consists of lectures, presentations, design critiques, submissions and site visits.

IND 331 - Furniture Design and Detailing (2-2-3)
Prerequisite: DES 122 & DES 222

IND 331 is a specialized interior design course that introduces students to furniture design and detailing. The course aims at enhancing the knowledge on vocabulary, concepts, the historical development of manufacturing of furniture design and detailing. The course emphasizes enhancing understanding of the different theories and terminology that are used in furniture design, knowledge on detailing solutions and stimulating the creative abilities through designing furniture pieces according to the specific needs of

interiors and the course progresses in introducing knowledge and theories about furniture design and concludes with a design of a furniture piece and providing solutions for furniture detailing. In order to achieve this; workshops, lectures, practical demonstrations, joinery factory visits will take place.

IND 342 - Lighting and Acoustics (3-0-3)
Prerequisite: IND 242 & DES 341

IND 342 is an advanced theory and skills course involving principles of sound, sound transmission and sound absorption, and the aesthetic and functional dimensions of lighting design. It aims to advance an understanding of the effects of lighting and sound on human behavior and how to derive quality lighting design and sound control solutions in the built environment. In particular, it enables an understanding of the quantitative and qualitative aspects of daylight and artificial lighting for the design of interior and architectural spaces. It includes lamp technologies, photometric, luminaire spacing criteria, the selection and specification of light fixtures and luminaires, energy efficient lighting, life-cycle cost and lighting for health and well-being. It further explores color as an element in interior design and as a significant aspect of lighting. In addition, it introduces a basic knowledge of acoustics including sound intensity levels, human sensitivity to sound, transmission loss and noise reduction, acoustical ratings of ceilings as well the selection, specification and basic construction criteria for sound control. Through a series of lectures, and presentations, students will learn acoustic control strategies and engage in various learning activities involving lighting design.

IND 343 - Interior Finishes and Materials (3-0-3)
Prerequisite: IND 242

IND 343 focuses on formal and material approaches to design and construction positioning interior finishes and materials as a necessary component in the interior design education considering the interpretations of design and interior spaces as dynamic and changing. It aims enhancing the students' knowledge on the vocabulary and terminology of interior specifications, material characteristics and products such as textiles and textile composition; paint; wall and floor coverings; window treatments; tiles; timber; color and application of different materials in various components of interior design. It emphasizes enhancing awareness about the interior finishes and materials in interior design profession, understanding the characteristics of different materials used in interior design, understanding the sustainable material compositions, advancing the abilities of students for the selection and application of suitable finishes based on specific use. The course leads to a more specialized course on working drawings for interior spaces and utilizes knowledge of construction and design integration taken earlier. It progresses in preparing material and finishes proposals for given design projects with a specific function and users in residential, commercial, institutional, hospitality and similar interior projects. To achieve this; workshops, lectures, practical demonstrations, showroom visits and seminars will take place.

IND 344 - Building Code (3-0-3)
Prerequisite: IND 343

This course represents the first introduction of the legal framework of building codes into the Interior Design process. Focus will be placed on specifically understanding the International Building Code, Local Building codes and Fire and Life Safety concerns in detail. Emphasis is placed on attaining a critical understanding between the interplay of the design idea with the ability to space plan according to Building Code Requirements and the integration of Interior Design ideas with construction and engineering systems. Students will learn the necessary skills to develop detailed drawings with code based analysis particularly with reference to the studio course IND 362. This course follows on from basic knowledge learnt in DES 241 and IND 242 about Construction and Design Integration. It is taken in parallel with IND 362 – Commercial Design and DES 371 Working Drawings and detailing and students will be expected to integrate knowledge from DES 371 into their IND 344 coursework and similarly be able to integrate knowledge and skills learnt in this course into their design studio IND 362.

IND 351 - Professional Practice and Project Management (3-0-3)
Prerequisite: IND 361

IND 351 introduces students to the business of interior design as a profession. It aims to introduce students to the broad areas of the professional Practice at enhancing professionalism, ethics, and the techniques and processes used by the industry to bid, win and manage projects. It will also provide an overview of methods, techniques and tools used to manage Interior Design Projects through Pre contract and Post contract phases. The course progresses from an introduction of: The Profession of Interior Design and the Role of the Interior Designer, Professional Ethics, Design Project Stages, Construction contracts and Client-Consultant Agreements, Pre & Post Contract Services & management, Project Scheduling, Time & Cost Management. The course connects the development of design skills during the previous years to the professional management of design projects in real world scenarios. The course will engage a wide variety of learning modes, including, lectures, group exercises, but will be strongly connected to the local profession and will include visits to Design Practices as well as guest speakers from all facets of the local construction/design industry.

To achieve this aim, Lectures, presentations and field trips will introduce students to the various elements of Design Project Management, and expose students to the Principles of Professionalism and Professional Ethics.

IND 361 - Institutional Design (Studio) (3-6-6)
Prerequisite: DES 222 & IND 262

IND 361 Institutional Design studio represents a continuation of the advanced interior design studios sequence focusing on specialized building types. The course aims at enhancing advanced design thinking relating to the institutional typology. It concentrates on enriching awareness about the particularity of the Institutional space and on developing a clear understanding of the relevant spatial and technical requirements and their related design consideration. It eventually aims at developing the skills of formulating creative sustainable solutions to interior institutional design problems. The course is the second of the specialized interior design studios and progresses to Commercial Design. It covers design of institutional environments from pre-design to detailed stages of design development from conceptual and schematic design to construction documentation development. It includes submissions on case studies, evaluation of existing interiors, an identification of the particular qualities of a given building and finally the development of a creative interior design proposal and producing construction documentation. In order to achieve this, the course consists of lectures, presentations, design critiques, submissions and site visits.

IND 362 - Commercial Design (Studio) (3-6-6)
Prerequisite: DES 271 & IND 361

IND 362 Commercial Design represents the culmination of the studio sequence focusing on the technical dimensions of interior design as applied to specialized commercial design problems. It aims at enhancing advanced design thinking linking the conceptual and functional dimensions of commercial problems to the technical building systems, finishes and furniture. In particular; it enables an enhanced awareness about the particularity of the commercial typology and an enhanced knowledge of the integrated design process covering the detailed stages of Design Development and Construction Documents. It focuses on the development and refinement of design briefs and on the creative formulation, and detailed elaboration of holistic interiors encompassing building systems finishes and fittings. The course is the last of comprehensive design studios focusing on specialized typologies and leads to advanced studios touching selected problems and approaches in the interior design context. It is utilizing knowledge of Lighting and Acoustics, Building Code and working drawings taken at the same semester. It progresses in submissions on pre-design problem analysis; concept design; schematic design; design development; final detailed design and construction documentation. The student will complete an integrated final project, within a business or a retail environment, addressing environmental systems, code analysis, tight-fit and loose-fit furniture, materials, finishes selection and the integrating of electrical, lighting, and plumbing systems. To achieve this and in addition to the briefing and design activities, the course incorporates lectures, presentations, seminars, critique and site visits.

IND 461 - Senior Project – Dissertation (Studio) (3-6-6)

Prerequisite: IND 232, IND 331, IND 342, IND 344 & IND 362

IND 461 demonstrates the final research, briefing and design accomplishments preparing for the comprehensive graduation project in the development of a self-initiated project based on a strong sense of professionalism and design maturity. It is comprised of two distinct components – Preparing a brief for an individually selected design problem and formulating an advanced exploratory proposal of a common problem. It aims at enhancing the criticality of investigation and the skill of reformulating a general societal need into a comprehensive and a structured interior design brief and at applying design thinking through a selective approach on a particular problem to address theoretical, social, cultural, environmental, and physical design issues. In particular, five intents are sought. First, expanding awareness about the theoretical positions relating to a particular societal need and a building type and interior environment typology; Second, enhancing a refined knowledge of the research-oriented design process, the historical development of a typology, the relationships between the objectives of organizations, their users, activities and spatial requirements; the main constructional, environmental, sustainability and code considerations; Third, enhancing criticality in systematically investigating, topics or interior contexts; Fourth, identifying a societal need and reformulating it in terms of organizational objectives as graduation project. Finally, fifth, it aims at enhancing the skills of analyzing problems (precedents, function, site, sustainability, code and symbolism), redefining their conclusions as a conceptual framework and suggesting detailed possibilities. The course builds on knowledge gained in the previous specialized courses. It is informed by the professional expectations in IND 451. It progresses in two parallel Briefing and Design components. For Briefing, it focuses on a general theoretical investigation of a topic and a building/interior environment typology, addressing a need and re-formulating it into a clear project, analyzing its dimensions and finally suggesting possibilities for design elaborations. For Design, it is a context to advance thinking to explore specific theoretical approaches into a particular typology. The course is delivered through lectures and presentations, field work, individual research and briefing works.

IND 462 - Senior Project Design (Studio) (3-6-6)
Prerequisite: DES 371, DES 351 & IND 461

IND-462 represents the culmination of the comprehensive integrated design thinking as the transition between interior design education and a professional career. It is a capstone course that reflects advanced design competencies while indicating professional aptitude and abilities covering all detailed stages of design from application of pre-design to design development and construction documentation. It aims at enhancing an advanced and an independent understanding of the process of integrated interior design and demonstrates achievement on an individually selected interior design problem. It focuses on four intents. First, refining awareness about the role of interior design on making a change in peoples' lives; Second, enhancing a refined understanding of the comprehensive integrated design process, the integration of conceptual and technical dimensions of specialized design problems; Third, advancing the ability of refining user requirements and reinterpreting them into a clear and structured brief; fourth, advancing the ability of creatively formulating comprehensive and unique solutions synthesizing responses to specific human needs and technicality and elaborating in detail the combinations of building components to capture design intents. The course builds on the theoretical explorations and the varied analyses (precedents, function, site, sustainability, code and symbolism) that were completed in IND-461. Additionally, it utilizes the detailed explorations of Building Codes and the integration of lighting and acoustics. It is supported by IND-451 exploring management of the design process and its professional delivery. It progresses in submissions from concept formulation, concept and final design demonstrating the link between the particular intent and its detailed elaboration. The course, in addition to design activity, is delivered through seminars, critique and presentation with submissions to juries.

LNG 161 - Communication Skills in English 1 (3-0-3)
Prerequisite: None

This course is designed to develop students' English background and enhance their linguistic understanding. It focuses on the four basic language skills: listening, speaking, reading and writing. The teacher's main emphasis is on the level of the learners' writing and accuracy, which are the core of English language. The mastery of grammar undoubtedly paves the way to accumulate a good command of English.

LNG 162 - Communication Skills in English 2 **(3-0-3)**
Prerequisite: LNG 161

This course is a continuation of LNG 161. All students should have passed level one. It also focuses on the basics of English grammar, especially writing skills.

LNG 171-1 - English I **(3-0-3)**
Prerequisite: None

LNG 171 introduces students to academic reading and writing and provides practice in the writing process. Students will recognize major and minor details and various organizational patterns from a wide range of academic texts from the field of Architecture and Interior Design. The reading and writing skills acquired from this course will help students compose written passages and analyze reading texts for content, structure, and style.

LNG 171-2 - English I **(3-0-3)**
Prerequisite: None

LNG 171 introduces students to academic reading and writing and provides practice in the writing process. Students will recognize major and minor details and various organizational patterns from a wide range of academic texts from the field of Business (Marketing, HRM, E-Business, International Business). The reading and writing skills acquired from this course will help students compose written passages and analyze reading texts for content, structure, and style.

LNG 171-3 - English I **(3-0-3)**
Prerequisite: None

LNG 171 introduces students to academic reading and writing and provides practice in the writing process. Students will recognize major and minor details and various organizational patterns from a wide range of academic texts related to communication and media. The reading and writing skills acquired from this course will help students compose written passages and analyze reading texts for content, structure, and style.

LNG 171-4 - English I **(3-0-3)**
Prerequisite: None

LNG 171 introduces students to academic reading and writing and provides practice in the writing process. Students will recognize major and minor details and various organizational patterns from a wide range of academic texts from the field of Public health/Environment. The reading and writing skills acquired from this course will help students compose written passages and analyze reading texts for content, structure, and style.

LNG 171-5 - English I **(3-0-3)**
Prerequisite: None

LNG 171 introduces students to academic reading and writing and provides practice in the writing process. Students will recognize major and minor details and various organizational patterns from a wide range of academic texts from the field of Psychology. The reading and writing skills acquired from this course will help students compose written passages and analyze reading texts for content, structure, and style.

LNG 172-1 - English II **(3-0-3)**
Prerequisite: LNG 171-1

LNG 172 builds on the reading and writing skills acquired in LNG 171. This course provides practice in analyzing and responding to various rhetorical modes of writing with an emphasis on authentic material from the field of Architecture and Interior design. The course focuses on exposition and argumentation.

LNG 172-2 - English II (BUS) **(3-0-3)**
Prerequisite: LNG 171-2

LNG 172 builds on the reading and writing skills acquired in LNG 171. This course provides practice in analyzing and responding to various rhetorical modes of writing with an emphasis on authentic material from the field of Business. The course focuses on exposition and argumentation.

LNG 172-3 - English II (3-0-3)
Prerequisite: LNG 171-3

LNG 172 builds on the reading and writing skills acquired in LNG 171. This course provides practice in analyzing and responding to various rhetorical modes of writing with an emphasis on authentic material related to communications and media. The course focuses on exposition and argumentation.

LNG 172-4 - English II (3-0-3)
Prerequisite: LNG 171-4

LNG 172 builds on the reading and writing skills acquired in LNG 171. This course provides practice in analyzing and responding to various rhetorical modes of writing with an emphasis on authentic material from the field of Environment/Public Health. The course focuses on exposition and argumentation.

LNG 172-5 - English II (3-0-3)
Prerequisite: LNG 171-5

LNG 172 builds on the reading and writing skills acquired in LNG 171. This course provides practice in analyzing and responding to various rhetorical modes of writing with an emphasis on authentic material from the field of Psychology. The course focuses on exposition and argumentation.

LNG 173 - Professional Communication Skills (3-0-3)
Prerequisite: LNG 172-1

LNG 173 is an advanced-level English course that analyzes texts critically in the field of their specialization (Architecture and Interior Design). In the process of planning and composing a research paper, students will also develop critical thinking skills and research skills that will help them become effective and successful professionals in their field.

LNG 181 - English I for Engineering and Computing (3-0-3)
Prerequisite: None

LNG 181 builds on the reading and writing skills. This course provides practice in analyzing and responding to various rhetorical modes of writing with an emphasis on authentic texts. The course focuses on exposition and argumentation specialized for Engineers.

LNG 182 - English II for Engineering and Computing (3-0-3)
Prerequisite: LNG 181

This course builds the written and oral communication skills that enable Engineering students to communicate according to the conventions of the profession. It includes writing (letters, memos, proposals, emails, and reports), principles and practices in delivering informal and formal public speaking and presenting solutions and results of research in a clear and effective way.

MBA 510 - Management and Marketing Foundations (3-0-3)
Prerequisite: None

This course presents the theories and principles of management and their applications. It identifies the changing role of management as well as the main functions of managers. It also discusses the importance of management in defining organizational culture. Students are expected to develop a practical mindset of the management and leadership skills required to perform effectively within the organizational setting.

The course also provides the foundations to the principles of marketing and some applications. It enables the student to appreciate the development, design, and implementation of marketing strategies, programs,

processes, and activities for a better understanding of shifts and interdependencies in today's changing marketing environment.

MBA 511 - Foundations of Quantitative Analysis (3-0-3)
Prerequisite: None

This course provides students with an introduction to quantitative methods necessary for data analysis and decision making in business. To this end, the course covers the fundamentals of quantitative data analysis including probability theory, random variables, discrete and continuous distribution functions, descriptive statistics, hypothesis testing, linear regression and data visualization. Furthermore, students will analyze quantitative data using Microsoft Excel and Power BI.

MBA 512 - Accounting and Finance Foundations (3-0-3)
Prerequisite: None

This course aims to provide an easy-to-understand knowledge and guide for students to learn both financial accounting and managerial finance concepts and principles in making decisions. This course covers not only accounting and financial information, but also how technology can help improve decision-making. That is, the first part of this course is about a balanced coverage of practical applications of completing accounting cycles, preparing and analyzing financial statements in accordance with the International Financial Reporting Standards. The second part of this course introduces students to the subject of financial management and prepare them for MBA courses in the area of Financial Management and Corporate Finance. It will introduce the most important finance concept of time value of money, and also introduces students to financial statements, cash flows, and risk-return. Throughout the topics of this course, students are going to also relate blockchain, which is an accounting and finance technology, to the accounting and finance professions.

MBA 513 - Foundations of Economics (3-0-3)
Prerequisite: None

The course introduces the theories, principles, and applications of microeconomics and macroeconomics. Heavy emphasis is placed on topics that provide tools relevant in business decision making, as well as in providing an appreciation of the relevant macroeconomic business-decision making environment. The course explores microeconomics tools useful in investigating scarcity and choice, price determination, elasticity, consumer choice as well as the significance of information. The role of money, and monetary policy is analyzed. A framework for analyzing the effects of monetary and fiscal policy to manage business cycles in an open economy is provided.

MBA 641 - Managerial Accounting (3-0-3)
Prerequisite: None

Students are taught the concepts and procedures for measuring and reporting managerial information for the use of internal decision makers. The course demonstrates the added value of managerial accounting to decision making and planning, and to motivating managers and other employees towards organizational goals. The course also focuses on the concept of responsible accounting and on the measurement of performance of managers and other segments of the enterprise. Specific topics examined include job order costing, process costing, break/even analysis, budgeting/profit planning, capital budgeting, financial statement analysis and cash flow analysis. Spreadsheet based software is to be used to solve selected problems and cases.

MBA 642 - Managerial Finance (3-0-3)
Prerequisite: None

This course provides a comprehensive financial knowledge to effectively manage financial affairs of a modern organization and apply financial management tools and techniques successfully. The first part of the course covers the introduction to financial management including Islamic finance concepts and expands the basic DuPont equation to better explore the interrelationships between operating and financial performance. The second part covers valuation of future cash flows and introduces key ideas on an intuitive

level to help students with the application of capital budgeting techniques. The final part of the course utilizes both CAPM and DDM to cost of capital estimation and stresses the need to understand the validity of their assumptions in practice.

MBA 643 - Business Research Methods (3-0-3)
Prerequisite: None

The primary objective of the course is to provide students with advanced knowledge in research methods and to develop their skills in conducting effective research for the field of business. In order to attain these objectives, the course covers the fundamentals of research methods such as various research philosophies, problem formulation, research design, data collection and ethics. The course presents both qualitative and quantitative research methods. Qualitative methods include various approaches such as interviewing, case studies, ethnography, grounded theory and participant observation. Quantitative methods include statistical methods, linear programming, regression, correlation and simulation. The course will help students develop skills on how to analyze scientific articles, design research, collect and analyze data, and to communicate results. Furthermore, students will learn to use quantitative/statistical software such as Excel and R for quantitative and qualitative data analysis.

MBA 644 - Managerial Economics (3-0-3)
Prerequisite: None

The aim of this course is to examine how rigorous economic thinking can improve a manager's performance. The course provides a thorough understanding of how microeconomic theories, tools and concepts are used in managerial decision making. Students will learn to use supply and demand analysis to forecast optimal prince and quantity; apply the concept of elasticity to estimate revenues and profits; determine optimal price structures by applying cost and demand theories; and utilize game theory to understand strategic interactions among competitors. A manager while managing an organization does so in the context of a macroeconomic environment. To this end, the course provides enough background in macroeconomics for the student to understand the broad general economic condition prevailing in a given country and in its trading partners.

MBA 645 - Marketing Management (3-0-3)
Prerequisite: None

This course examines concepts and business practices associated with the development of marketing strategies and activities. In this course, students will gain proficiency in the latest methods and concepts for analyzing customer behavior and for devising effective marketing strategies. The course is designed to build advanced knowledge and competency in the art of marketing, selecting which customers to serve, while sustaining and delighting them by delivering superior customer value. This course focusses on application aspects of marketing in the real world based on a thorough market analysis.

MBA 646 - Operations and Supply Chain Management (3-0-3)
Prerequisite: MBA 643

The purpose of Operations Management is the optimization of processes of resources management, production and delivery of goods and services to customers. An organization's competitive advantage depends on its operations' efficiency and effectiveness and its ability to respond to both global and local market requirements quickly while reducing cost without compromising quality. Operations management is key to attaining profitability and market growth through expanding market shares. With stiff global competition, organization's survival, let alone growth, becomes greatly contingent on an organization capability to perform its operations at minimal costs by exploiting its resources productively, yet maximizing stakeholders' value adding benefits. This course focuses on numerous concepts, issues and methods in achieving efficient and effective operations that are aligned with an organisation's strategy. Topics include business strategy & global competitiveness; quality management; product/service design; transformation system design; capacity and location planning; scheduling; supply chain management; inventory management; material requirements planning; just in time management; and ethical issues.

MBA 647 - Management of Information Systems (3-0-3)
Prerequisite: None

This course is designed to provide MBA students with an understanding of how information systems management can be used by business leaders to manage and compete more effectively. Topics include strategic and competitive information systems; the Porter competitive model, data management, the Internet and social media, Enterprise Applications, e- business, wireless and mobile technology, knowledge management, information ethics and privacy.

MBA 648 - Business Strategy (Capstone) (3-0-3)
Prerequisite: All other program core courses

This course provides students with advanced strategic management concepts and knowledge to formulate, evaluate, implement and critically assess firms' strategies. It delves into the strategic management frameworks and tools that make up the field of strategic management. It includes research activities within which participants gain in-depth knowledge and hands-on practice that engage students in diagnosing and identifying realistic solutions to complex strategic and organizational problems. It provides students with advanced skills to craft and articulate both verbally and in writing logical and fact-based arguments in support of action recommendation.

MBA 651 - Organizational Behavior (3-0-3)
Prerequisite: None

The main objective of the course is to provide a sound understanding of organizational behavior (OB) in the development of today's organization. The course focuses on the practical applications of OB concepts and techniques that all managers and employees encounter in their related responsibilities. Topics includes personality traits, power, communication, and motivational models, the role of culture and values, work design, etc.

MBA 653 - Organization Development and Change (3-0-3)
Prerequisite: MBA 651

This course provides an in-depth understanding of the challenges, techniques, and problems associated with initiating and implementing major change in organizations. The course aims at preparing managers and leaders to successfully meet the challenges of organizational change. It covers both the macro (organizational) level of change and the micro (individual) level of change and how managers and leaders gain commitment and buy-in for change implementation and organizational development.

MBA 655 - Leadership and Motivation (3-0-3)
Prerequisite: MBA 651

This course analyzes the concepts, theories, and models of leadership in organizations. It focuses on developing a critical understanding and assessment of the roles and function of leading and motivating employees in a dynamic global business environment. Topics covered include early foundations and definitions of leadership (trait, behavioral and contingency theories); contemporary models of leadership (transformational, transactional, charismatic and authentic leadership); team leadership; strategic echelon leadership, and the cultural and ethical dimensions of leadership.

MBA 657 - Business Ethics and Corporate Social Responsibility (3-0-3)
Prerequisite: None

This course addresses the complex set of issues related to the role of business in society. Corporations must earn profits for owners but they also serve broader social interests. Customers, employees, local communities and the environment are all stakeholders that are affected by the operations of a business. What are the obligations of corporations to these groups?

MBA 661 - Human Resource Management (3-0-3)
Prerequisite: MBA 651

The main objective of the course is to provide a thorough knowledge of human resource (HR) management in the development of today's organization. The course focuses on the practical applications of HR concepts and techniques that all managers and employees face in HR related responsibilities. Topics include strategic human resources management and functions of HRM (staffing, performance and appraisal system, human resource development, employee and labor relations, and health and safety).

MBA 663 - Human Resource Development (3-0-3)
Prerequisite: MBA 661

The course provides an advanced perspective on the use of Human Resource Development (HRD) in enhancing the competitive advantage of organizations through the build-up of the intellectual and learning system capacities of the organization in order to cope with a rapidly changing customer focused environment. The concept of the Learning Organization is developed through the perspective of the HRD policies and actions required to develop and change organizations through their human capital and capabilities.

MBA 664 - Strategic Staffing (3-0-3)
Prerequisite: MBA 661

This course provides a study of the requirements of effective strategic staffing in the areas of recruitment, placement, and selection. It describes an in-depth analysis of the statistical concepts, techniques, and tools utilized by HR managers to effectively and efficiently recruit and select individuals in an organizational setting. Theories, principles, and the legal aspects involved in the recruitment process will also be addressed. The use of recruitment forecasting tools (such as regression and time-series) for workforce planning will be addressed.

MBA 668 - International Human Resource Management (3-0-3)
Prerequisite: MBA 661

This course explores the international aspects of human resources in multinational and globally diverse companies and how the diversity of cultural, economic, political and communication issues affect all aspects of human resource management, including workforce planning, recruitment & selection, performance management, training & development, compensation, and employee relations.

MBA 681 - Corporate Finance (3-0-3)
Prerequisite: MBA 642

This course aims to provide students with a critical understanding of corporate financial management that involves advanced evaluation of how various capital market structures, associated costs of bonds, stocks and overall capital, working capital management and other factor affect key corporate financial decisions that need to be made by firms.

MBA 682 - Derivatives Securities (3-0-3)
Prerequisite: MBA 642

This course aims at providing fundamental concepts and techniques to deal with the issue of financial risk management using derivatives tools such as forwards, futures, options and swaps. Specifically, the course covers hedging strategies using futures, forwards, mechanics and properties of options markets, option strategies, binomial trees and Black-Scholes-Merton option pricing models, and interest rate swaps. Further, a review of derivatives mishaps is done towards the end of the course.

MBA 683 - Investment Analysis & Portfolio Management (3-0-3)
Prerequisite: MBA 642

This course aims at providing the necessary skills and knowledge required in portfolio management and investment analysis. Concepts discussed include asset classes and financial instruments, portfolio theory, security analysis, macroeconomic and industry analysis, fixed income securities, and portfolio performance

evaluation. The topics delivered will ensure students are equipped to implement these investment skills in managing equity and bond portfolios.

MBA 684 - Mergers and Acquisitions (3-0-3)
Prerequisite: MBA 641 & MBA 642

This course aims at studying the different factors contributing to the merging or acquisition decisions that corporate firms make. It also explores the methods used to structure such decisions in a way that helps the profitable continuity of the company's operations. It explores M&As in theory and practice, valuating pre and post mergers' stock prices, restructuring and M&A strategies. Topics covered include the takeover process, deal restructuring and divestitures, bankruptcy and liquidation, valuations of acquiring and target companies, effect of mergers on P/E and EPS, tax implications and levered buyouts.

MBA 685 - Financial Statement Analysis (3-0-3)
Prerequisite: MBA 642

The course provides an in-depth overview of Financial Statement Analysis with an emphasis on the conceptual background and advanced tools required to understand, interpret, and critically analyze the information contained in financial statements. The first part of the course covers the conceptual foundation for the three financial statements, asset and liability valuation, income recognitions and advanced understanding of the statement of cash flows. The second part of the course includes the advanced tools for analyzing financial statements. The third part of the course assesses the quality of accounting information under IFRS and examines the accounting for both financing and investing activities.

MBA 691 - Marketing Channels (3-0-3)
Prerequisite: MBA 645

This graduate level course will cover logistics as an increasingly decisive element in the execution of distribution tasks and examines the question of how companies go to market and manage their distribution channels in order to gain competitive advantage. Students will be introduced to both theory and practice of marketing channels involving, key elements of the marketing mix, planning the supply chain, demand forecasting, and designing distribution networks.

MBA 692 - International Marketing (3-0-3)
Prerequisite: MBA 645

This MBA level course explores opportunities and challenges arising in global marketing, exporting and international trade. Topics in this course comprehensively cover both international marketing and export management. This is a focus on marketing decisions and management processes involved in exporting and not simply a 'how to' treatment of technical export details. Discussion in this course covers cultural differences, logistics, supply chain management and the impact of the internet on international marketing and exports.

MBA 693 - Business Marketing (3-0-3)
Prerequisite: MBA 645

This MBA level course examines the nature and scope of industrial/businesses-to-business marketing. Understanding of makeup and characteristics of demand, and strategies needed to determine industrial/business consumers. Various topics will be discussed ranging from relationship management, E-commerce, supply chain, market research, high technology innovation, strategic brand assessment, segmentation, selling, advertising, to Integration and application of various business-to business strategies.

MBA 695 - Marketing Research (3-0-3)
Prerequisite: MBA 645

This course examines the methods and procedures for collection, interpretation, and use of primary and secondary data in marketing including sampling, questionnaires, data collection, analysis, and preparation of reports.

MCM 101 - Introduction to Mass Communications & Media Studies (3-0-3)
Prerequisite: None

This course introduces students to the concepts of mass communication and media studies, including media literacy and theories. Students will learn about media history, development, and cultural effects of media industries including, but not limited to books, newspapers, magazines, film, radio, recording, and popular music, television, cable, and mobile video, video games, the internet and the World Wide Web.

MCM 115 - Media in the UAE (3-0-3)
Prerequisite: MCM 101 & GED 199

This course introduces the students to Media practices in the UAE. This includes the historical development of UAE media; media ethics, regulations and laws; federal and local media institutions and media policies and orientations. Students will also explore the social and cultural features of media in the UAE, the role of the media in developing the UAE national identity, media free zones and the technological advancement of media in the UAE.

MCM 121 - Communication Theories & Media Effects (3-0-3)
Prerequisite: MCM 101

This course aims to give the student an overview of communication theories. The course covers rhetoric, dramatism, narrative theory, powerful effects, limited effects, cultivation theory, uses and gratifications theory, and critical/cultural studies, media and computer-mediated effect theories.

MCM 130 - Media Ethics and Laws (3-0-3)
Prerequisite: MCM 101

This course introduces students to issues regarding media laws ,ethics, values in various societies. This course covers the historical evolution of media ethics, freedom of expression and social responsibility in media legislation, as well as moral conventions. This course also creates learning opportunities for students through the analysis of case studies relevant to media laws and ethical practices in different settings.

MCM 140 - Communication Research Methods (3-0-3)
Prerequisite: MTH 101

This course introduces students to the basic research methods and techniques. This includes quantitative and qualitative research methodologies; sampling; data collection methods such as content analysis, surveys and in-depth interviews; and basic analytical techniques. A special emphasis will be given to the ethical dimension in scientific research.

MCM 201 - Writing for Mass Media (3-0-3)
Prerequisite: MCM 101 & LNG 172

This course introduces students to writing for the media. It covers several topics including the basic tools of writing, principles of news writing, writing for print journalism, writing for online journalism, advertising copy writing, and writing for public relations. Emphasis is placed on the production of media writing.

MCM 210 - Media Sociology (3-0-3)
Prerequisite: MCM 121

This course introduces the students to the field of Media Sociology. The course focuses on understanding the concepts and theories of media sociology, how the media contents are designed and produced, what factors and bodies (individual, organizational, and outsiders) influence the content, and how these contents influence behaviors of individuals and groups socially and politically. In the process many local and international case studies will be introduced.

MCM 215 - Audiovisual Production (1-4-3)
Prerequisite: None

This course introduces the students to the principles and basic techniques of video production. Students will develop skills in camera shooting, angels, lighting, audio recording, video editing and rendering. The course combines different teaching strategies and settings, including TV studio, computer labs, lectures and hands-on projects.

MCM 240 - Media Management **(3-0-3)**
Prerequisite: MCM 101

This course introduces theories and practices of management within a media context. Emphasis is placed on understanding the functions of management as well as developing skills used in managing media organizations within the global environment. It covers the definition of management; management theories; public and corporate media management; and human resource management such as leading and motivating teams.

MCM 250 - Digital Imaging **(1-4-3)**
Prerequisite: None

This is an introductory course to the principles and basic practices of digital image, image editing, and image composition. Using different designing techniques and software applications, the students will create a series of visual compositions in print and web platforms. Students will also learn and practice concept of creativity in digital imaging.

MCM 300 - Sustainability Branding **(3-0-3)**
Prerequisite: MCM 101 & MCM 201

This course is designed to provide students with appreciation of ameliorating the prevailing economic system in which they learn and practice. They are enabled in this endeavor with foundation literature on the tenets of Conscious Capitalism: Higher Purpose, Stakeholder Integration, Conscious Leadership, and Conscious Culture & Management. For praxes, students are engaged with an online computer simulation of a business environment that includes marketing, sales, manufacturing, accounting/finance, human resources, business negotiations, and entrepreneurship to promote and communicate a product considering all of the firm's stakeholders and deal with HR, ethical, environmental, and sustainability issues.

MCM 305 - Intercultural & Business Communications **(3-0-3)**
Prerequisite: MCM 201

This course introduces students to the fundamentals of intercultural and business communications, including oral and written negotiations across diverse business and cultural settings and platforms. It entails careful analysis of the communication problem, development of an audience-focused solution, and clear, correct use of language and visuals.

MCM 311 - Media and Politics **(3-0-3)**
Prerequisite: None

This course is designed to introduce students to the main concepts and theories of political communication in different parts of the world. It covers topics such the relationship between media and politics, political campaigns and new media, domestic regulations and media practices, and others. The course also introduces case studies in decision making process at local and international levels.

MCM 330 - Literary and Artistic Criticism **(3-0-3)**
Prerequisite: MCM 201

This course introduces students to the main theories and concepts of literary and artistic criticism. Students will understand and apply the major theoretical paradigms in literature and visual art on various literary and media works, which include short stories, poetry, photos, ads, and videos. Student is expected to write critical essays and produce case studies on specific literary works and art productions.

MCM 335 - Digital and Online Marketing **(3-0-3)**

Prerequisite: MCM 101

This course is dedicated to providing students with the theoretical understanding of the Internet marketplace necessary to adapt to its changing nature. It also equips students with the essential skills needed to perform vital daily functions in areas such as Search Engine Optimization, Search Engine Marketing, Online Advertising, Web Analytics, Email Marketing, Social Media and Reputation Management.

MCM 400 - Comparative Global Media Systems and Policy (3-0-3)
Prerequisite: MCM 240

This course offers a critical understanding of how the Global Media Systems operate. The students will explore policies that shape and guide various media systems and their effects within and between societies socially and culturally. They will also develop knowledge about the different rules and regulations that govern the digital media systems worldwide. The aspects of privacy and ethics are also covered in this course.

MCM 411 - Multi-Platform Storytelling (1-4-3)
Prerequisite: MCM 201 & MCM 215

This course provides the skills to create stories in different communication fields including advertisement, public relations and journalism. The students will receive extensive training in writing headlines and scripts copyediting, audio and video editing, and the development digital stories to captivate audiences across various platforms including Press, TV, Radio, Internet, and Social Networks. Social responsibility and ethical frameworks are also components of this course.

MCM 420 - Modern World History (3-0-3)
Prerequisite: MCM 101

The purpose of this course is to examine key historical events in the modern era using social sciences approaches as a means to develop analytical and critical thinking skills. An emphasis is placed on how communications and media played a part in these global events. Topics include: Defining modern history; key historical events and developments since the end of the 18th century; First and Second World Wars; the end of the Cold War; the age of Globalization; unipolar world system; 9/11 and its repercussions; the international financial crisis; Arab world developments.

MCM 431 - Media Internship (3 Credits)
Prerequisite: 81 Credits & CGPA ≥ 2.0

An internship experience, of 150 hours, provides the student with an opportunity to explore career interests while applying knowledge and skills learned in the classroom in a work setting. The experience also helps students gain a clearer sense of what they still need to learn and provides an opportunity to build professional networks.

MCM 440 - Cinema Studies (3-0-3)
Prerequisite: MCM 101 & MCM 215

The aim of this course is to understand connections between the early days of film and contemporary through analysis and re-examination of the major areas of film theory and criticism. Topics such as Cinema modes of production, form, style, genre, aesthetics, media industries, critical analysis, and sociocultural and historical importance of the cinema. This course helps students build an appreciation for the art form and cultivates critical thinking about film, its major positions and issues in film theory and criticism.

MEC 305 - Mechanical Vibrations (2-2-3)
Prerequisite: MTH 220 & COM 311

The objective for this course is for students to learn basic vibration terminology, creating of mathematical models of mechanical systems, free and forced vibration of the mechanical systems, vibration measuring instruments, industrial vibration measurement applications.

MEC 306 - Electro-pneumatic and Hydraulic Control Circuits (2-2-3)

Prerequisite: SCI 210

This course covers the basics of pneumatic, electro pneumatic and hydraulic control circuits in a complex mechatronic system. Students will learn the functions and properties of control elements based upon physical principles, and the roles they play within the system. Technical documentation such as data sheets, circuit diagrams, displacement step diagrams and function charts will also be covered. By understanding and performing measurements on the pneumatic and hydraulic control circuits, students will learn and apply troubleshooting strategies to identify, localize and correct malfunctions. Preventive maintenance of (electro) pneumatic and hydraulic components as well as safety issues within the system will be discussed.

MEC 310 - Mechatronics Engineering (3-0-3)
Prerequisite: ENG 301 & ELE 323

This course is an introduction to mechatronic systems, which require integration of the mechanical and electrical engineering disciplines within a unified framework. Topics covered in the course include: Low-level interfacing of software with hardware; use of high-level graphical programming tools to implement real-time computation tasks; digital logic; analog interfacing and power amplifiers; measurement and sensing; electromagnetic and optical transducers; control of mechatronic systems.

MEC 411 - Intelligent Systems (3-0-3)
Prerequisite: MTH 130 & SWS 316

This is an introductory course into the field of artificial intelligence (AI). Its objective is to equip students with intelligence skills needed to tackle complex real-life problems such as advanced web search, speech recognition, face recognition, machine translation, autonomous driving, and automatic scheduling. In particular, the study is centered around the concept of intelligent agents that implement functions that maps perception sequences in to actions. Specific topics include Intelligent agents, problem solving by searching, constraint satisfaction, machine learning, game playing, Logic techniques, problems planning, dealing with uncertainty, Bayesian networks, Temporal probability models Decision networks, graphical models.

MEC 412 - Sensors and Actuators (2-2-3)
Prerequisite: ELE 323

In this course, students are introduced to advanced concepts in sensing and actuation for mechatronics systems, including both traditional sensors and actuators an introduction to advanced topics in micro electromechanical system (MEMS) sensing, and smart materials.

MEC 413 - Industrial Automation (3-0-3)
Prerequisite: MEC 310

This course provides essential information to use and design and automated machinery. The course emphasizes on control systems and other relevant topics, including machine building, mechanical engineering and devices, manufacturing business systems, and job functions in an industrial environment.

MEC 421 - Robotics (2-2-3)
Prerequisite: MEC 310, MEC 411 & MEC 412

This course provides an overview of robot mechanisms, dynamics, and intelligent controls. Topics include planar and spatial kinematics, and motion planning; mechanism design for manipulators and mobile robots, multi-rigid-body dynamics, 3D graphic simulation; control design, actuators, and sensors; task modeling, human-machine interface, and embedded software.

MEC 422 - Mechatronics Systems Design (2-2-3)
Prerequisite: MEC 310 & MEC 412

An overview of electrical, mechanical, optical, and control technologies for system integration. Topics include: intelligent products and processes; design methodology; system modeling; sensors and actuators; microcontrollers; knowledge-based control.

MEC 425 - Production Management for Engineers **(3-0-3)**
Prerequisite: BUS 310 & MEC 411

Management theory and function; production cycles and planning; production system analysis and control; organization and policies in production planning and control; forecasting techniques; scheduling and sequencing; queuing models and line balancing; inventory management.

MEC 426 - Fluid Mechanics **(3-0-3)**
Prerequisite: MEC 412

A first course in fluid mechanics. Includes stress and strain rate descriptions, fluid statics, use of differential and finite control volume analysis with continuity, momentum, and energy equations, Bernoulli and Euler equations, vorticity, potential flow, incompressible viscous flow using Navier-Stokes equations, dimensional analysis, pipe flow, boundary layers, separation, introduction to turbulence.

MEC 427 - Computer Integrated Manufacturing (CIM) **(2-2-3)**
Prerequisite: MEC 413

This course emphasizes the integration of manufacturing enterprise using computer integrated manufacturing (CIM) technologies. It employs CAD/CAM interface and other CIM sub-systems, database management, facility layout, product documentation, process planning, production planning and control, Group technology, teamwork, and manufacturing operations and management to bring about a students-designed CIM oriented enterprise.

MGT 202 - Principles of Management **(3-0-3)**
Prerequisite: None

Effective management is a universal requirement of all organizations, whether large or small. This course introduces students to the roles, responsibilities, and functions of management and serves as a foundational course for subsequent business courses. Topics include: the Four functions of management: leading, planning, organizing, and controlling; Managing in a global environment; Organizational structure and culture; Strategic Management; Social responsibility and managerial ethics; Managerial Decision Making, and Managing teams.

MGT 210 - Business Report Writing **(3-0-3)**
Prerequisite: LNG 172

This course provides students with an intensive study and practice in writing for professional settings. The course focuses on the fundamentals of the technical and business workplace communication such as memoranda, proposals, reports, instructional manuals, business letters and the elements of documents design.

MGT 231 - Legal Environment of Business **(3-0-3)**
Prerequisite: LNG 172 & MGT 202

This course introduces the basic underlying concepts, principles and rules of law and equity that govern business activities. This course provides an overview of law in general; the UAE, the North American and British based legal systems, court procedures, Alternative Dispute Resolution, the different impacts of statutory and judicial law and administrative procedures. Students will also be introduced to contracts; company formation, employment law, products and premises liability, UAE bribery laws, cybercrimes, business ethics, Value Added Tax (VAT) and business-related UAE Laws.

MGT 310 - Tourism Management **(3-0-3)**
Prerequisite: MGT 202

The objective of this course is to presents an introduction to tourism management and its operations. Also, the course will deliver students with the operational skills required for career employment in the tourism business and in destination organizations. Topics includes: sustainable tourism management, destination stakeholders and cultures, globalization and travel patterns, leadership in tourism.

MGT 311 - Business Research Methodologies (3-0-3)
Prerequisite: QBA 341

This course is designed to allow undergraduate students to explore the role of research in business decision-making. The aim is to introduce students to the terminology, concepts, processes and methodologies used in conducting research. Moreover, a major part of this course is dedicated to the development and completion of a business research project, thus enhancing students' skills, knowledge and competencies in conducting research. The students will also conduct data analysis in Excel, R and/or similar software for data analysis.

MGT 320 - Organizational Behaviour (3-0-3)
Prerequisite: HRM 210

Organizational success and performance is dependent upon employee commitment and well-being. Thus, the goal of this course is to enhance students' managerial and organizational skills by developing a sound understanding of the dynamics of individual and group behavior in organizations. It explores management styles, leadership styles, employee motivation and attitudes, team development, diversity, stress management, and employee relations. It also explores the impact of organizational structure and culture on employee performance.

MGT 361 - Operations Management (3-0-3)
Prerequisite: MGT 202 & QBA 341

This course is an examination of how organizational processes add value as they transform inputs to outputs. Student will appreciate the common key factors and challenges typified in managing common global business organization operations. Through a project, student will be guided in applying the various operations management techniques in appreciating an existing business process, solicits productivity improvement and eventually evaluate the proposed suggestion.

MGT 405 - Business Ethics & Social Responsibility (3-0-3)
Prerequisite: Complete 90 Credits

This course will examine the practical issues of managers in addressing ethical and moral problems in business. It will draw on a variety of materials and experiences as a basis for analyzing and evaluating the manager's and the firm's options and decisions.

MGT 470 - Strategic Management (3-0-3)
Prerequisite: HRM 210, ECO 222, ECO 221, FIN 201, MKT 201, MGT 361 and 90 Credits

This course approaches the understanding of the total enterprise from senior management's point of view, the operating environment, management's overall objectives and strategic plan and the implementation and execution of the chosen strategy. It is concerned with managerial decisions and actions that affect the performance and survival of business enterprises. It is concerned with managerial decisions and actions that affect the performance and survival of business enterprises.

MIT 602 - IT Services and Operations (3-0-3)
Prerequisite: None

This course is an introduction to the concepts, principles, and practices of successful IT service operations management. Emphasis is on ITIL (Information Technology Infrastructure Library) practices. This course prepares students to identify and apply appropriate management processes to ensure efficient, effective, and quality oriented IT service operations, while achieving operational excellence. Topics covered include: the role of IT services for strategic positioning, new service development process, Service operation processes, implementing service operation, managing IT service expectations, service management, and service quality improvements.

MIT 604 - Blockchain Technology (3-0-3)
Prerequisite: None

This course addresses the high-level potential of Blockchain technology and the distinct gap between high-level and deep technical concepts. In addition, it enables students to understand and evaluate how Blockchain technology can transform their organizations' business processes and models. Furthermore, this course will introduce students to various real-world examples, implementation approaches, and industry-specific and cross-industry use cases.

MIT 606 - IT Governance and Management (3-0-3)
Prerequisite: None

This course enables students to understand the relationship between governance and management of IT within organizations. It focuses on strategic alignment between IT planning and business, the analysis of the organizational structure, processes and capabilities for managing the value of IT investments, the establishment of indicators and scorecards (BSC IT KPI), and defining roles/responsibilities for IT leadership and involvement in governance. This course will also address the implementation of policies and processes consistent with international best practices and risk monitoring and compliance with laws and regulations. These different approaches will be analyzed through COBIT, Val IT and ISO 38500.

MIT 607 - Strategic IT Planning (3-0-3)
Prerequisite: None

This course provides students with the knowledge and skills allowing them to produce a map of the enterprise information technology's structure that aligned with current enterprise strategies. The aim is to innovate new Information Systems/Information Technology (IS/IT) strategies toward improving its performance and development that will service and enhance the business competitiveness. Students learn how to strategies digital technologies and build IS/IT systems that aligns with enterprise operational objectives. Upon appreciating strategic management and IS/IT strategic implication, students will establish processes for developing digital strategies that will align with business operations and strategy. Through innovative technology, systems and information; business enterprise will exploit IS for strategic advantage. The course will appraise tools and techniques to determine business information systems strategy as well as managing business application portfolio. It will also focus a framework for the strategic management of IS/IT service and IT infrastructure.

MIT 621 - Data Sciences (3-0-3)
Prerequisite: None

The course introduces students to the principles of data science and data-thinking. It focuses on data science concepts as applied to practical business problem. Students will learn about predicting an event occurrence, decision analytical thinking, assessment of model performance, statistical method data mining, and business strategy.

MIT 622 - Data Analytics for Managers (3-0-3)
Prerequisite: MIT 621

This course prepares students to understand business analytics and become leaders in these areas in business organizations. It teaches the scientific process of transforming data into insights for making better business decisions. It offers real-world guidance on how to leverage data into a competitive advantage. Additionally, it covers Hadoop, data warehousing, big data, social media, security, cloud technologies, and future trends. Case studies are used as examples to place business analytics techniques in context and teach students how to avoid the common pitfalls, emphasizing the importance of applying proper business analytics techniques.

MIT 623 - Business Intelligence (3-0-3)
Prerequisite: None

Enterprise needs greater control on their voluminous informational overload due to their megatrends customer-centric business model. Adopting managerial approach, this course introduces students to business intelligence as data analytic ecosystem that evolves and as applied in industries. It provides

overview on statistics for the purpose of descriptive analytics and data visualization in intelligent decision-making. The course introduces data simulation based on predictive and prescriptive analytics to appraise multi-dimensional information from "data lake". It will also critically appraise the application of analytics to text, web and social media; and latest emerging trends such as location based and cloud-based analytics. The course concludes privacy and ethical considerations in analytics.

MIT 631 - Cloud Computing (3-0-3)
Prerequisite: None

The course will cover the field of Cloud Computing that was introduced to offer computation, storage, and application hosting services and to provide coverage in several continents, offering service-level agreements (SLA)-backed performance and uptime promises for their services. The course will be covered from the description of the fundamentals up-to the recent topics in research and development. Lectures will be conducted by the Instructor to cover fundamental topics and students will be engaged to explore research papers that deepen the fundamental concepts and expose the state of the art. The focus will be mainly on research aspects that touch upon the elements of IT Management and Governance that emerge from using the Cloud Computing as a model of providing It services to a Company.

MIT 632 - Edge and Fog Computing (3-0-3)
Prerequisite: MIT 631

The course introduces students to the merging field of Edge Computing that has been introduced as a necessity for fastening urgent computing needed close to where data is generation for faster and more efficient processing and Analytics application in order to feedback faster on urgent decisions. The course will explore research, frameworks, and platform design issues related to Edge and Fog Computing with an emphasis on the application of AI and Data Analytics.

MIT 633 - Cybersecurity (3-0-3)
Prerequisite: None

This course covers various aspects of Cybersecurity from theory to practice. Covered Topics include: Security Policies, models, and mechanisms; Security threats; vulnerabilities and countermeasures; Risk analysis; Access control based security; password-based security; authentication and authorization; multilevel security; Operating system security; Network attacks; database security and attacks; Firewalls and intrusion detection systems; Ethical hacking principles.

MIT 700 - Dissertation (6-0-6)
Prerequisite: Prerequisite: 21 Credits Hours and CGPA ≥ 2.0

This course allows students to carry out in-depth research on a topic of their own choice, within management science, under supervision. First, the student will select a researchable topic of their choice for the dissertation, articulate the research problem, and perform a literature review that motivates the problem selection and the development of the research hypotheses. Second, the student will outline the research design, sources of data, and the statistical techniques to be used for the analysis. Once the proposal is accepted, the student will continue working on their dissertation. The student will complete the literature review, collect the relevant data, carryout the statistical analysis, interpret the results, and produce a draft of the dissertation. Third, the supervisor will critically read the draft and provide feedback. In the final phase, the student will orally defend the dissertation in front of the MITM examination committee.

MKT 201 - Principles of Marketing (3-0-3)
Prerequisite: LNG 171 or LNG 181

This course introduces students to the field of marketing to attain an understanding of the analytical techniques required to develop successful marketing strategies. Theoretical and conceptual issues in marketing are discussed, along with their implications in formulating marketing strategies, as well as examining the managerial focus on the external environments and decision elements of marketing

(promotion, price, product, distribution) faced by marketing management at the corporate and entrepreneurial levels of business.

MKT 208 - Consumer Behaviour **(3-0-3)**
Prerequisite: MKT 201

This course treats the consumer as a decision maker. It examines social, cultural, and psychological influences on purchasing decisions while emphasizing their implications for marketing strategies, as well as the factors in human behavior which influence the choice and the use of products and services offered in the for-profit and nonprofit organizations in our society. Topics include: Consumer Decision Making Process, Marketing Regulation and Consumer Behavior, Ethics, Cross-Cultural Variations in Consumer Behavior, Memory & Product Positioning, Motivation, Personality & Emotion, Commitment & Consistency, and Consumer Decision Making Process.

MKT 230 - Professional Selling **(3-0-3)**
Prerequisite: MKT 201 for BBA | AIMC 210 for BA in Communication

This course provides an introduction to the sales process. It provides background to the development of successful sales presentation skills that enhances the participant's ability to develop sales presentations to satisfy customer needs and wants. Topics include: the life, times, and career of the professional salesperson, relationship marketing, ethics and customer relationships, psychology of selling, communication for relationship building, sales knowledge: customers, products, and technologies, lifeblood of selling, sales presentation method to use, elements of a great sales presentation.

MKT 300 - Fashion Marketing **(3-0-3)**
Prerequisite: None

The marketing of fashion goods and services presents a variety of opportunities and challenges. Therefore, special attention needs to be paid to those market segments, not only including apparel but also home goods and other design-driven products related to fashion. Fashion marketers need to develop and apply marketing strategies that meet consumer needs, create value and generate profit in a very dynamic market environment characterized by fierce competition. Topics in this course include: consumer and buying behavior in the fashion market, market research, market segmentation, product planning and positioning, pricing, retailer relationships and branding in the fashion marketplace.

MKT 310 - Advertising and Promotion **(3-0-3)**
Prerequisite: MKT 201

This course focusses on the integrative role of advertising in persuasive business communication and its related fields, which includes procedures for organizing, developing, and implementing effective media-related decisions accompanied by an in-depth understanding of the role of advertising and promotion in the marketing mix. Topics include: Introduction to Advertising, Advertising's Role in Marketing, Strategic Media Planning and Implementation, Objective Development and Budgeting, Interactive and Alternative Media, Social and Digital Media, Broadcast Media, Creative Side and Message Strategy, Design and Production and Public Relations.

MKT 320 - Retailing **(3-0-3)**
Prerequisite: MKT 201

This course provides hands on study of the retail business environment in the UAE and abroad. Topics include: building and sustaining relationships in retailing, strategic planning in retailing, retail institutions by ownership, retail institutions by store-based strategy mix, identifying and understanding consumers, information gathering and processing in retailing, trading-area analysis, site selection, developing and implementing merchandise plans, pricing in retailing, establishing and maintaining a retail image.

MKT 330 - Digital Luxury **(3-0-3)**
Prerequisite: MKT 201

This course is designed to enable the student to understand the different web applications relevant for luxury and the challenges that arise when transferring a luxury brand to the digital environment and how to overcome the obstacle of two seemingly contradictory worlds. This class focuses on the analysis of the online strategy and development of the luxury industry online, tracing the evolution of the Internet from a means of communication to a trade and distribution channel. It provides students with a comprehensive evaluation and a critical assessment of the tactics required for the management of luxury brands online.

MKT 335 - Luxury Branding (3-0-3)
Prerequisite: MKT 320

This course is designed to enable the student to understand how to create, build, and maintain a strong brand in the luxury market. Course content includes how to develop a brand strategy, its design and development through application design, and how to develop identity standards through launch and governance. Moreover, the course will consider up to date trends in branding and address topics such as social networks and mobile devices but also global markets virtual brands.

MKT 340 - e-Marketing (3-0-3)
Prerequisite: MKT 201

This course provides a comprehensive view of electronic marketing through focusing on the interaction between the marketing functions and the information technology from a non-technical perspective. It sets the distinction between digital marketing as a broad term, and e-marketing as a more specific term. Students will be able to develop an electronic marketing plan that uses a strategic approach focusing on performance metrics and monitoring in the dynamic digital world. The course project will give a chance for students to analyze websites and explore the complexities of Internet marketing through understanding the e-marketing environment, e-marketing research, segmentation, targeting, differentiation, and positioning strategies, in addition to understanding the online consumer, and managing the online offer, online value, online distribution, and communication through paid, owned, and earned media.

MKT 350 - Luxury Marketing (3-0-3)
Prerequisite: MKT 201

This course is designed to enable the student to understand recent market developments in the luxury market as well as to identify the fundamental characteristics of luxury marketing. Moreover students will be able to differentiate between key elements of luxury marketing and conventional marketing. The emphasis is on developing a foundation for future luxury marketing studies. Topics include: Diverse Definitions of Luxury, Key Characteristics of Luxury, Luxury Products and Luxury Brands, The Luxury Market in the Middle-East, Product, Price, Place and Promotion Requirements for Luxury Goods, Potential for Luxury Brands in the Context of Web 2.0.

MKT 360 - Customer Relationship Management (3-0-3)
Prerequisite: MKT 201

Organizations of all sizes endeavor to leverage customer Relationship Management (CRM) in order to optimize the identification, procurement, growth and retention of desired customers to gain sustained strategic competitive position and to enhance market or wallet share. This course examines CRM philosophies, the fundamental principles that established CRM as a marketing philosophy, its application in supply chain, e-business, marketing, sales, and customer service, and the imperatives of technology in CRM strategies. In addition, various approaches for managing a wide range of customer lifecycle, customer identification, differentiation, data mining and data warehouse, data integration and decision support systems, and how organizations integrate major business functions to meet and exceed customer value expectations will be discussed. In particular, both the conceptual knowledge and hands-on learning using leading CRM software will be emphasized.

MKT 364 - Services Marketing (3-0-3)
Prerequisite: MKT 201

This course introduces students to the field of services of marketing to attain an understanding of the key concepts of services marketing and how they can be used to create competitive advantage for businesses. Service marketing course represents an additional resource for the students to cope with the challenges of marketing and managing a service. To achieve this aim, we build upon, and expand, marketing management concepts and models, demonstrating how they apply to the services sector.

MKT 371 - Brand Marketing (3-0-3)
Prerequisite: MKT 201
This course points out the importance of branding in the integrated marketing communications strategy. Students will understand the role and the value of brands as well as the different branding elements in the context of marketing and its underlying strategies. Topics include: Brands and brand management, how to build, maintain and protect brand equity as well as how to measure it, brand positioning, how to connect business strategy to brand strategy, developing and managing brands over time, as well as how to build and manage a brand-oriented organization in the context of time, geography and culture.

MKT 380 - Luxury Fashion (3-0-3)
Prerequisite: MKT 335
This course is designed to enable the student to understand the particularities of the most important market segment in the luxury industry and how it developed over time. Students will be able to analyze consumer behavior and the luxury fashion environment. Consequently students will be enabled to develop custom-made luxury marketing strategies pertaining to the fashion industry in luxury. The analysis of brand equity will be addressed in order to improve brand management measures in the field. Case studies will add additional value and broaden the perspective on the luxury fashion industry.

MKT 385 - Luxury Hospitality (3-0-3)
Prerequisite: MKT 364
This course is designed to enable the student to understand the foundations and practices of hospitality marketing in the luxury industry as well as its many different components. The course introduces basic marketing concepts, discusses strategic marketing, the marketplace and its competitive environment, and adds functional strategies that can be used to increase competitive advantage. The course will include contemporary examples that demonstrate how marketing techniques are used to increase the chances of success in the luxury hospitality industry.

MKT 420 - Luxury Brand Management (3-0-3)
Prerequisite: MKT 335
This course is designed to enable the student to understand the specifications of the luxury market as well as to identify the core market segments in which global luxury players operate. Moreover, students will be able to recognize key elements of luxury branding and its management and simultaneously deepen their understanding of the brand's role in the market and the need for customer-oriented management stemming from it. The course emphasizes the particularities of luxury brand management and topics include: Key success factors and core markets in luxury, luxury branding and management, managing creativity, communications and channels, retailing, licensing and consumer-brand relationships.

MKT 425 - Experiential Luxury Marketing (3-0-3)
Prerequisite: MKT 320 & MKT 335
This course is designed to enable the student to understand a marketing approach beyond traditional marketing that is particularly relevant in the luxury industry. This course will focus on the marketing strategies that expand past the selling of mere products, quality and brand image towards a more holistic and sensory customer experience that is more meaningful for consumers. The course will include topics such as the management of customer experience, the elements of experiential marketing, strategic issues in experiential marketing and how to develop an experience-oriented organization.

MKT 430 - Marketing Research **(3-0-3)**
Prerequisite: MKT 208 & QBA 341

This course addresses the methods and procedures for collection, interpretation, and use of primary and secondary data in marketing. Topics include: Marketing Research Process, Research Design and Implementation, Standardized Sources of Marketing Data. Qualitative and Observational Method, Survey Methods, designing the questionnaire, Sampling fundamentals, fundamentals of data analysis, Hypothesis Testing, Discriminate analysis and canonical analysis, Factor and Cluster Analysis.

A key to business success is obtaining abundant valid, reliable, relevant customer information. This course provides a thorough grounding in the fundamentals of obtaining, analyzing and presenting this information. Students first learn to develop useful research questions and appropriate research designs. They then develop questionnaires, gather and analyze data and present results.

MKT 465 - International Marketing **(3-0-3)**
Prerequisite: MGT 361

This course is designed for students from the Marketing Program, it addresses the decision making as well as policy formulation for international level marketing operations with respect to various aspects (cultural, social, political, legal and economic) of global environments. Topics include: Global marketing imperative, international trade institutions and trade policy, cultural environment, economic environment, political and legal environment, strategic planning, international marketing research, market entry and expansion, product adaptation, export pricing strategies, marketing communication, distribution management, global services.

MKT 469 - Marketing Management **(3-0-3)**
Prerequisite: MGT 320 & MKT 430

This course is the capstone course of the Marketing Program. It focuses on the analysis, planning, implementation, and control of marketing initiatives in a competitive marketing environment. The topics include marketing planning, understanding the environment and the competition, understanding the buyer, market segmentation, positioning, and branding, marketing research and information, product and service decisions, new products, distribution, and supply chain management, designing effective promotion and advertising strategies, direct marketing, sales promotion & public relations, selling & sales management, the future of marketing.

MTH 101 - Statistics **(3-0-3)**
Prerequisite: None

An introduction to elementary descriptive and inferential statistics. Topics include: descriptive and inferential statistics, describing and organizing data, measures of central tendency and spread, probability, conditional probability, discrete and continuous random variables and their probability distributions, inferential statistics.

MTH 112 - Calculus I **(3-0-3)**
Prerequisite: Pass Math Placement Test or MTH 012

The course introduces the students to the fundamental concepts of calculus: limits, continuity, differentiation and integration; and trains them to apply these concepts to problems that arise in engineering, science and computing.

MTH 113 - Calculus II **(3-0-3)**
Prerequisite: MTH 112

The course introduces techniques of integration, polar coordinates, and functions of several variables including partial derivatives and multiple integrals. In addition, students will develop the skills to apply these concepts to solve problems arising in engineering and computing.

MTH 114 - Linear Algebra **(3-0-3)**

Prerequisite: MTH 112

This course will cover fundamental topics in modern linear algebra including Systems of Linear Equations, Matrices and Determinants, Vector Spaces and Inner Product Spaces, Linear Transformations, Eigenvalues, Eigenvectors, and Matrix Diagonalization. In addition, the students develop the skills to apply these concepts to solve problems in arising science and engineering.

MTH 120 - Discrete Mathematics (3-0-3)
Prerequisite: Pass Math Placement Test or MTH 012

The course introduces students to the foundational concepts in mathematics used in computer science. Students are exposed to the principles of logic, set theory, combinatorics, proofs, algorithms, tree structures, LCM and GCD. Applications to computer science and computing are presented.

MTH 130 - Probability and Statistics (3-0-3)
Prerequisite: MTH 112

The course serves as an introduction to probability models and statistical methods for students in engineering, science and computing. Topics include: descriptive statistics, probability, conditional probability, discrete and continuous random variables and their probability distributions, correlation and simple linear regression.

MTH 195 - Applied Statistics (3-0-3)
Prerequisite: Pass Math Placement Test or MTH 011

This course is designed for students who need to gain skills in basic statistics. The first part of the course deals with descriptive statistics: data tabulation and graphical presentations, and computation of descriptive measures. The second part covers basic probability theory including the most popular discrete and continuous variables with emphasis on the Normal Distribution. The third part covers application of the Normal distribution to confidence intervals and testing hypotheses. The fourth part covers contingency tables, and linear regression analysis and correlation.

MTH 196 - Mathematics for Business (3-0-3)
Prerequisite: None

The aim of this course is to introduce students with Applications of mathematical models and specialized calculus techniques required for problem solving and decision making in the business world. Topics include: polynomial, exponential, logarithmic, matrices; integration, partial derivatives and their applications in solving problems in business sectors. The applications include mathematics of finance, including simple and compound interest and annuities; and systems of linear equations.

MTH 203 - Discrete Mathematics for Computing Science (3-0-3)
Prerequisite: MTH 120 & BCS 102

The course covers main concepts of discrete mathematics, as it is used for applications in computing. The main topics include proof by induction, prime numbers theory applications such as RSA encryption, computational complexity, Big O, trees and their applications.

MTH 212 - Calculus III (3-0-3)
Prerequisite: MTH 113

The course introduces techniques of integration, polar coordinates, and functions of several variables including partial differentiations and multiple integrals. In addition, students will develop the skills to apply these concepts to solve problems arising in science and engineering.

MTH 220 - Ordinary Differential Equations (3-0-3)
Prerequisite: MTH 212

The course introduces the main concepts in differential equations and exposes the students and trains them on solving ordinary differential equations by several quantitative methods: First order ODEs, Second and

higher order linear ODEs, Series solutions at ordinary and regular singular points, Laplace transforms, Linear systems of differential equations with a short review of linear algebra. It also enables the students to relate the topics taught in the course to applications in engineering, science, and technology.

NET 100 - Fundamental of Digital Systems (2-2-3)
Prerequisite: None

This course provides an introduction to digital systems by focusing on the principles and applications. Topics include: number systems and codes, logic gates, truth table and universal gates, combinational circuit, Karnaugh map, flip-flops and related devices, decoders, encoders, adders, multiplexers, binary adders, signed binary adders, counters and registers, code for detecting and correcting Errors, and simulations.

NET 105 - Microprocessors and Microcontrollers (2-2-3)
Prerequisite: NET 100

Topics in this course include Introductory concepts to microprocessors, Internal microprocessor architecture, Memory addressing and I/O interfacing, memory address decoding, microprocessors vs. microcontrollers. The course will also introduce students to applications using the embedded system, microcontroller architecture, programming, I/O interfacing.

NET 110 - Computer Networks Fundamentals (2-2-3)
Prerequisite: ENG 101 or NET 100

This course introduces networking technologies, models and concepts related to network communications. After giving an overview of Computer Communications and Networking, topics include: Networking basics-Types of networks, Reference Models; Networking Concepts and Terminology, Physical layer, Data Encoding and modulation techniques, Bandwidth utilization, Multiplexing, Network Hardware Components, Transmission media,, layers.; Introduction to Data Link Layer Concepts and IEEE LAN Standards.

NET 111 - Operating Systems Fundamentals (2-2-3)
Prerequisite: ENG 210 or NET 105

This course will introduce the core concepts of operating systems, such as processes and threads, CPU scheduling, process synchronization, deadlock, Memory management, and file systems. The goal of the course is to introduce the principles underlying the design and implementation of contemporary computer operating systems.

NET 120 - LAN Switching and Routing (2-2-3)
Prerequisite: NET 100 [NET 110 for BSEE Courses)

This course handles the theory and implementation of routing, switching and their associated protocols and algorithms which are the main elements in internetworking technologies. Topics include: Link Layer services and protocols, Bridging, Principles of LAN Switching, IEEE LAN standards, VLANs Applications, Concepts, and Standards, classfull IP addressing and sub netting, Principles of Routers and Gateways, Variable Length Subnet Masking, Classless Inter domain Routing, Route aggregation, routing algorithms, routing within an autonomous system (AS), variable subnet mask (VLSM), path determination algorithms, VLAN spanning-tree plus protocol (PVST+), EtherChannel, borderless networks, Rapid Spanning Tree Protocol (RSTP), standard link-state routing protocol OSPF.

NET 121 - Network Operating System (2-2-3)
Prerequisite: NET 111

Characteristics of the Linux and Windows network operating systems; installation procedures; Security issues; Back up procedures and remote access; Directories and naming systems; Dynamic Host Configuration Protocol (DHCP); Domain Name System, Active Directory; Network File Systems.

NET 214 - Network Programming (2-2-3)
Prerequisite: NET 120 & SWS 316

This course provides the student with the network programming skills that will enable him/her to develop distributed applications. The student will be exposed to the most up-to-date programming technologies including socket programming. Student will also learn how to solve problems related to concurrency and multi-client services through system multi-threading. The student will be able to experiment closely the above concepts through intensive hand-on lab session and develop programs using Python programming language.

NET 220 - Network Security and Administration (2-2-3)
Prerequisite: NET 120

This course introduces security theory and practice. Several Security threats, Risks, Vulnerabilities, and countermeasures are explored and explained. Topics include: several viral threats such as Trojan horses, viruses, and worms; Identification, Authentication and Authorization; password-based security, multilevel security and Access control; overview of Cryptography, an Operating system security; Network attacks, Firewalls and intrusion detection systems; database and Cloud Computing security.

NET 221 - Communication Technology (3-0-3)
Prerequisite: NET 120

Communications has experienced great development throughout the history. More interestingly, technology and telecommunications move back-to-back and the latest breakthrough which was the Internet and smart mobile devices have resulted in changing the telecommunications industry perspective. Therefore, this course provides the fundamental concepts and history in Evolution of Communication Technology and broadly covering topics related but not limited to Communicating Over Wires, from Wires to Waves, wireless-access networks, MANET, Ad Hoc, VANET, Flying Ad Hoc, Cloud Computing, Vehicular Cloud, Fog Computing, Edge Computing, SDS, 5G, IoT, IoE, IoV, Future Internet Architecture.

NET 222 - Wireless Networks (2-2-3)
Prerequisite: NET 221 or COM 412

This course focuses on modern wireless communication and networking technology, and its support of various wireless applications. Topics include: an overview of Wireless Communications and a characterization of the Wireless Channel; Personal Area Networking technologies (Bluetooth, IEEE 802.15.x, Zigbee and IoT.), IEEE 802.11 Wireless LAN, Cellular Networks, 4G and LTE, 5G and 6G Networking, Mobile Applications and Mobile IP.

NET 310 - Network Management (2-2-3)
Prerequisite: NET 222

This course covers aspects of Network management and protocols such as SNPM, CMIP and RMON. It gives an introduction of the ASN.1 encoding scheme. It covers in detail the organization, information, functional and communication models of the SNMP network management protocol. It gives an overview of the SNMPv2 and SNMPv3 and Remote Monitoring (RMON). In addition, it presents an overview of the Network Management Applications and provides highlights of some Network Management Tools and Systems.

NET 320 - Advanced LAN Switching and Routing (2-2-3)
Prerequisite: NET 120

This course covers topics related to advanced Computer network concepts with a focus on the higher layers of the OSI model stack. It covers first topics of application layers such as Web and HTTP, DNS, P2P protocols. Then a coverage of the transport layer concepts and main protocols (TCP and UDP). An extensive coverage of Network addressing and of routing protocols (e.g., intra-network routing, RIP, OSPF, BGP, IS-IS, Hot-potato routing) is given next. Then the course covers concepts of Software Defined Networks (SDN), and Mobile Networking.

NET 323 - Voice/IP Convergence (2-2-3)
Prerequisite: NET 110

This course covers: Concepts of IP-based packet networks; Characteristics of the Internet and IP; The VoIP Model; Voice Coders; Performance Considerations and Traffic Engineering; trade-offs of packet size, packet loss, and packet latency; RTP, RTCP, RTSP, translators and mixers; signaling, Session Initiation Protocol (SIP), Session Description Protocol (SDP); VoIP Gateways and IP Call Processing Protocols; Internetworking SS7and Internet Call Processing; Quality of Service (QoS).

NET 403 - Mobile Security (2-2-3)
Prerequisite: NET 220

This course provides in-depth understanding of the latest attacks and countermeasures--so they can leverage the power of mobile platforms while ensuring that security risks are contained. It also covers the wide range of attacks to mobile deployment alongside with ready-to-use countermeasures. Major topics include attacks that compromise networks and devices, attacks on mobile services, hacking cellular networks, attacks on Android and iOS Systems, fortifying mobile platforms, malware eradication. The course further includes topics such as mobile development guidelines for security, mobile device management and secure mobile payment systems.

NET 405 - Virtualization and Cloud Computing (2-2-3)
Prerequisite: NET 320

This course covers a series of current cloud computing technologies, including technologies for infrastructure, virtualization, mobile computing. In addition, the course covers Platform, Software, Identity and Infrastructure as a Service. The course will also cover cloud issues and challenges and security. Students will learn to choose solutions, calculate costs, and compare between in-house and cloud solutions.

NET 406 - Cloud Architecture (2-2-3)
Prerequisite: NET 405

This course covers the core design components needed to build scalable, high available and secure systems. The students will learn how to plan resources and technology stacks effectively. Students will explore, core architectural principles, and technologies for infrastructure using real-world examples. The course will also cover cloud issues and challenges related to scalability, availability and security. Students will learn to choose solutions, calculate costs and compare between in-house and cloud solutions.

NET 410 - Enterprise Network Design (2-2-3)
Prerequisite: NET 222

This course is about Network planning and design using a Top-Down Network Design Methodology. It covers analyzing business goals and constraints; Analyzing technical goals and tradeoffs; Characterizing existing network and current traffic; Carrying out a logical network design; Designing models for addressing and naming; Selecting switching and routing protocols; Developing strategies for network security and network management; Developing a Physical network design; Testing, optimizing and documenting network design.

NET 420 - Advanced Network Troubleshooting (2-2-3)
Prerequisite: NET 222

This course provides a study into the latest troubleshooting strategies. It explores TCP/IP networking and its related Troubleshooting approaches. Traces the causes of Networking problems and explores and details network troubleshooting using windows tools and constructs. It also explores troubleshooting of virtual networks, mobile workers and BYOD Networking problems.

NET 424 - Broadband Communication (2-2-3)
Prerequisite: NET 110

This course provides a detailed analysis of broadband infrastructure, technologies and services. It addresses industry standards and global services. Topics include: Internet Services, Traffic Modeling, Internet Traffic Control, Billing, Pricing and Admission Policy, Mobile Network Performance, Bandwidth Allocation, Switching Systems, Traffic Flow Control Routing, Congestion and Admission Control, Multicast Protocols, Network

Management, Quality of Service.

NET 440 - CNET Project-1 **(0-4-2)**
Prerequisite: Completed 100 Credit Hours

This project provides the students with the opportunity to use the learning they acquired to: apply critical thinking, further develop their design skills, and innovate. The students are expected to complete literature survey; develop a project plan; analyze requirements and acquire the necessary material and steps for their intended project. Graduation Projects in industrial environment with the co-supervision by an industrial expert are encouraged.

NET 441 - CNET Project-2 **(0-4-2)**
Prerequisite: NET 440

This project provides the students with opportunities to demonstrate the learning they acquired to apply critical thinking, further develop their design skills, and innovate. The students are expected to implement, test and perform the analysis of the results of a project based on the design and schedule completed by the same student team during the graduation project I. Graduation Projects in industrial environment with the co-supervision by an industrial expert are encouraged.

NNS 325 - The Business of Journalism **(3-0-3)**
Prerequisite: None

The traditional business models are threatened by technological and demographic changes that are forcing a transformation of journalistic practice. Students will examine the new forms of journalism that exploit the new technologies, including blogging and citizen journalism, and the strategies being used and developed to monetize them.

PLX 111 - Imagining the Creative City **(2-2-3)**
Prerequisite: None

This course begins with a critical overview of cities' historical contribution to creativity. Then we focus on governing, building and living in the creative city by exploring how the pattern and form of cities create opportunities and challenges to an urban future that embraces creativity. Topics covered will include gentrification, design of public space, public transit provision, civic engagement and economic development strategies.

PRA 200 - Writing for Public Relations **(3-0-3)**
Prerequisite: MCM 201

This course introduces students to the form, style and technique of public relations writing. Students will generate public relations materials in a variety of formats, including news releases, media kits, speeches, newsletters, and broadcasting scripts for government institutions and business organizations. The course aims to enhance students' writing and editing skills necessary to succeed in a public relations career.

PRA 221 - Principles of Public Relations **(3-0-3)**
Prerequisite: None

This course introduces students to the main principles used by Public Relations agents, especially those related to research, strategy, creativity, media planning, monitoring and evaluation. Students will create a public relations report suitable for several platforms. This course familiarizes students with PR professional skills and enables them to understand the strategic role of PR in the management of the brand and reputation building.

PRA 220 - Research Methods for PR **(3-0-3)**
Prerequisite: MCM 140

This course presents an overview about research and its impact in Public Relations. In this course, students will design a research methodology and implement it in a real PR campaign. This course considers several

aspects related to ethics, technology, social media, metrics, measurement tools, monitoring and data analysis. This course aims to help students collect, analyze and interpret quantitative and qualitative data to reduce the risk when taking PR strategic decisions.

PRA 230 - Online Public Relations (3-0-3)
Prerequisite: PRA 220

This course aims to analyze, through best practices around the world, how PR agencies use internet, social media and mobile apps to launch and implement new PR campaigns focused on technology, metrics and stakeholders' expectations. Students will apply PR principles and key performance indicators to implement efficient campaign based on online platforms that help clients achieve their communication objectives.

PRA 301 - Crisis Communication (3-0-3)
Prerequisite: MCM 101

This course covers the latest theories and innovative approaches for handling crisis including how organizations create the potential for opportunity, renewal, and growth through effective crisis communication. It includes concepts for turning the many challenges that crises present into opportunities. It also addresses core issues of crisis leadership, uncertainty, communicating effectively, understanding risk, and promoting communication ethics.

PRA 411 - Brand Value and Reputation Management (3-0-3)
Prerequisite: PRA 221 or AIMC 200

This course focuses on how PR experts build and disseminate the company's brand architecture (identity, values, mission, vision and image) through several platforms for influencing internal and external stakeholders and building a reputed brand collectively. Students will also learn how to quantify reputation from an economic point of view, as well as explain why this intangible input is important for companies and shareholders.

PRA 412 - Management in PR Agencies (3-0-3)
Prerequisite: MCM 240

This course focuses on management and economic environments related to public relations: contracts between agencies and clients, remunerations models, legal framework, leadership and human resources. Students will learn how to integrate economic principles and managerial approaches in developing public relations business plans.

PRA 421 - PR Capstone Project (3-0-3)
Prerequisite: PRA 221 & PRA 412

This is the capstone course for the Public Relations specialization. It is designed to integrate most of what has been learned in earlier courses in the communication and media (MCM) program and particularly in Public Relation courses. Working individually and/or in teams, students will produce a Public Relations campaign, related to a "real-world" case study. Professionals are invited to participate in the oral presentations and evaluation of the projects.

PRA 425 - International Public Relations (3-0-3)
Prerequisite: PRA 200

This course explains to students the strategic role of public relations in global organizations, such as private companies, NGO, public authorities and governments. Students learn to analyze social, cultural and economic aspects in different countries, and implement customized Public Relations plans consistent with companies and stakeholders' interests. This course also covers the internal functioning of global public relations agencies.

PRA 430 - E-Portfolio and Internship II for PR (3 Credits)
Prerequisite: MCM 431

This is a continuation of the Internship I course (MCM 430) with focus on the specialized industry of Public Relations. The student will also produce an e-portfolio summarizing her/his achievements and contributions in the workplace and a good variety of representative CUD coursework. The Internship course provides students the opportunity to apply the theoretical knowledge and practical skills they have acquired in the classroom in 'real-world' settings. Students must complete 150 hours in the institution where they are doing their internship.

PSY 101- Psychology I **(3-0-3)**
Prerequisite: None

Methods for understanding human and animal behavior are introduced. This course introduces Psychology and its history, and shows how the different areas of Psychology are integrated. Topics such as research methods, biological bases, sensation & perception, consciousness, disorders, and treatment are surveyed.

PSY 102 - Psychology II **(3-0-3)**
Prerequisite: PSY 101

Methods for understanding human and animal behavior are discussed. This course continues the introduction to psychology and shows how different areas are integrated by covering topics such as research methods, sensation and perception, memory, language & thought, intelligence & testing, motivation & emotion, development, stress & coping, community psychology, and social psychology.

PSY 200 - Research Methods **(3-0-3)**
Prerequisite: MTH 195

The aim of this course is to develop an understanding of the statistical tools for presenting and analyzing Psychological data. Topics will include fundamentals of scientific methods, research design and interpretation of research outcomes. A special attention will be given to research ethics. Laboratory sessions will provide hands on experience with various aspects of research, including demonstrations, experiments and preparation of reports.

PSY 205 - History of Psychology **(3-0-3)**
Prerequisite: PSY 102 & GED 150

A cognitive approach to psychological processes such as perception, attention, memory, language, thinking and problem solving. The emphasis is on theories and empirical studies within the cognitive domain of human information processing.

PSY 210 - Introduction to Cognitive Psychology **(3-0-3)**
Prerequisite: PSY 102 & GED 150

A cognitive approach to psychological processes such as perception, attention, memory, language, thinking and problem solving. The emphasis is on theories and empirical studies within the cognitive domain of human information processing.

PSY 220 - Perception **(3-0-3)**
Prerequisite: PSY 102

Psychophysical, physiological and behavioural techniques and research findings concerning the visual, auditory, chemical and mechanical processing systems.

PSY 230 - Personality **(3-0-3)**
Prerequisite: PSY 102

Classic and contemporary personality theories and their usefulness in analyzing behaviour. Recent empirical research. Personality measurement.

PSY 240 - Introduction to Learning **(3-0-3)**
Prerequisite: PSY 102

The purpose of this course is to provide you with an overview of key concepts, empirical approaches and theoretical perspectives in the study of learning and behaviour. The course will include a consideration of topics such as historical antecedents, animals in research, habituation, sensitization, classical (pavlovian) conditioning, operant (instrumental) conditioning, reinforcement schedules, stimulus control, avoidance, punishment, associative structures, animal cognition and memory.

PSY 250 - Biopsychology (3-0-3)
Prerequisite: PSY 102

The central nervous system, peripheral nervous system and hormonal regulation of the psychological processes of perception, motivation, learning, memory, cognition and communication.

PSY 260 - Abnormal Psychology (3-0-3)
Prerequisite: PSY 102 & GED 150

An introduction to psychopathology theory and research in abnormal behaviour with a focus on historical and global perspectives. The course will focus on biological, psychological and societal factors in abnormal behaviour, including the role of cultural, personal and interpersonal context.

PSY 275 - Positive Psychology (3-0-3)
Prerequisite: PSY 102 & GED 150

A cognitive approach to psychological processes such as perception, attention, memory, language, thinking and problem solving. The emphasis is on theories and empirical studies within the cognitive domain of human information processing.

PSY 280 - Developmental Psychology I: Infancy and Childhood (3-0-3)
Prerequisite: PSY 210

Human development with emphasis on research and theories in the physical, cognitive, personality and sociocultural aspects on development of infants and children.

PSY 285 - Psychological Measurement and Testing (3-0-3)
Prerequisite: PSY 200

Theory, method and application of psychological tests and measures. Students will learn how to construct and evaluate psychological tests. Standardized tests of intelligence, aptitude, interest and personality will be reviewed, and ethical issues in the use of psychological tests will be discussed.

PSY 290 - Neuropsychology (3-0-3)
Prerequisite: PSY 250

Behavioural Neuroscience or neuropsychology is that discipline focusing on how the brain and its physiological, genetic and developmental mechanisms shape behaviour. More specifically, this course examines methods of researching, recording and understanding the close relationship between brain and behaviour, while also discusses the ethics in developing, studying and applying this field in life. Many different neuroimaging tools are presented in this course to outline the above ways of research and development.

PSY 300 - Social Psychology (3-0-3)
Prerequisite: PSY 260

Introduction to the scientific study of how people think about, influence, and relate to one another. Topics include: social cognition, the self and identity; attitudes and attitude change; persuasion; conformity; group processes; cultural influences; prejudice and discrimination; helping; aggression; interpersonal attraction; intimate relationships; and applied issues (e.g., health, environmental, political and legal applications).

PSY 315 - Clinical Psychology (3-0-3)
Prerequisite: PSY 210

A survey of diagnostic and treatment procedures and resources; professional duties and skills of the clinical psychologist; history of clinical psychology and current problems.

PSY 320 - Community Psychology (3-0-3)
Prerequisite: PSY 300

An introduction to both a conceptual and an experiential understanding of issues and topics in community psychology. Topics include: the history of community psychology; stress and social support; oppression and social intervention; primary prevention and health promotion; self-help; mediating structures; community mental health; alternative settings; organizational change; community organization and community development.

PSY 325 - Environment, Psychology and Action (3-0-3)
Prerequisite: PSY 320

This course offers insight into the connections between psychology and the environment. A key focus of this course will be the human dimensions of environmental problems (e.g., global climate change, pollution, water shortage, and species lost) and what theoretical and empirical contributions psychology has made and can make in addressing these problems. The course adopts a community service learning approach and includes a significant placement experience. Students will apply theories and principles of different psychological approaches in the context of their community-service placements with different local environmental organizations. Students will be encouraged to critically reflect on their experience and the course content using an environmental justice framework. A community service learning/field placement is required.

PSY 330 - Organizational Psychology (3-0-3)
Prerequisite: PSY 300

An introduction to the scientific study of human behavior within organizational settings. Topics to be covered will include: individuals within organizations (e.g., personality, attitudes, motivation), groups within organizations (e.g., teamwork, leadership, conflict), and the organizations themselves (e.g., organizational culture, nonprofit organizations, NGOs).

PSY 340 - Educational Psychology (3-0-3)
Prerequisite: PSY 300

The application of psychology to educational environments, with consideration of topics such as social, moral and cognitive development, theories of learning, effective instructional techniques, individual differences and evaluation.

PSY 350 - Internship (3 Credits)
Prerequisite: 81 Credit & ≥ CGPA 2.0

The internship provides qualified students with an opportunity to receive academic credit for supervised professional training and experience in an actual work environment. It is an ongoing on the job interaction between the student, and the employment supervisor. It involves a Learning Contract, periodic meetings with the faculty representative, professional experience, and submission of materials as established in the Learning Contract.

PSY 380 - Developmental Psychology II: Adolescence and Young Adulthood (3-0-3)
Prerequisite: PSY 210

Human development with emphasis on research findings and theories in the physical, cognitive, personality and sociocultural aspects of adolescents and young adults development.

PSY 385 - Psychology of Exceptional Children, Youth and Adults (3-0-3)
Prerequisite: PSY 260 & PSY 380

People with special needs and their development in community settings. Awareness of thoughts and

feelings, and effective question-asking, theory-building, and problem-solving in relation to individuals with special needs.

PSY 405 - Drugs and Behavior (3-0-3)
Prerequisite: PSY 315 & PSY 385

This course is an introduction to the use of drugs in modern society. The emphasis will be on psychoactive drugs, including drugs of abuse (stimulants, depressants, opiates, nicotine, marijuana and psychedelics) and psychotherapeutic drugs (antipsychotics, mood stabilizers, antidepressants and anxiolytics). Different aspects of drug use will be explored, including their effects on the brain and behaviour, psychological and biological factors responsible for their use, as well as social, cultural, historical and legal aspects of drug use. The content will range from general principles of drug action to focused information on specific classes of drugs.

PSY 415 - Applied Social Psychology (3-0-3)
Prerequisite: PSY 300

The application of social psychology methods, theory and research to contemporary social issues and problems in areas such as health, the environment, law and criminal justice, social conflict, consumer behaviour, mass media and international relations.

PSY 425 - Health Psychology (3-0-3)
Prerequisite: PSY 260 & PSY 300

This course is a survey of how psychological theories and research methods can contribute to our understanding of health and illness. The course will cover a variety of health-relevant topics, including models of health and illness, stress and coping, chronic and communicable diseases, and health promotion.

PSY 430 - Research Paper in Education and Learning (3-0-3)
Prerequisite: PSY 200, PSY 285 & PSY 340

Students select an appropriate topic, design and carry out research, and write a paper demonstrating competence in both content and method in education and learning. Students meet regularly as a group with the instructor, and individually with a faculty advisor.

PSY 431 - Research Paper in Behavioural and Cognitive Neuroscience (3-0-3)
Prerequisite: PSY 200, PSY 210 & PSY 290

Students select an appropriate topic, design and carry out research, and write a paper demonstrating competence in both content and method. Students meet regularly as a group with the instructor, and individually with a faculty advisor.

PSY 499 - Graduation Project (3-0-3)
Prerequisite: PSY 430

Students select an appropriate topic, design and carry out research, and write a project report demonstrating competence in both content and method. Students meet regularly as a group with the instructor, and individually with their supervisor.

QBA 241 - Quantitative Business Analysis (2-2-3)
Prerequisite: MTH 196 or equivalent

This course introduces fundamental elements of applied statistics. The course begins with descriptive statistics technique to summarize data sets with a focus on their practical interpretation. It moves to an introduction to probability theory with focus on the Binomial, Poisson, Uniform and Normal distribution. Finally, the course culminates with the estimation and interpretation of linear regressions providing notions of predictive analytics. Statistical software such as Excel, R or similar, will be used in the weekly Lab sessions to illustrate the notions which will be covered in the lectures.

QBA 341 - Quantitative Approaches to Decision Making (2-2-3)
Prerequisite: QBA 241

This course enables the students to know the scientific approach to decision making when solving business problems. It will focus on Quantitative methods: The first part covers the importance of sampling distribution of the mean, parameter estimation, and testing hypotheses. The second part covers simple and multiple linear regression models along with their applications, and forecasting methods. The third part of the course covers Linear Programming Method to determine the most efficient use of limited resources in maximizing/minimizing using the graphical method or algebraic method, and it also covers the most profitable distribution pattern for transporting products from factories to markets.

SPSS and Excel will be used in Lab sessions for illustrating advanced statistical methods using real data sets.

RTA 101 - Introduction to Media Theory and Practice (3-0-3)
Prerequisite: None

This course provides an introduction to major media and new media theories, art movements and creative practices of the 20th and 21st centuries. Students learn to think critically about artworks, creative experiments and media. The course culminates in a major assignment where each student delves deeply into a specific theory to examine artworks, current creative practice or the audience's relationship to media.

RTA 315 - Business of Creative Media (3-0-3)
Prerequisite: None

An introduction to business practices and issues within the creative industries. Students are introduced to the business, operational and legal practices of the media. Students explore how these diverse businesses function within the regulatory environment domestically and internationally. Students learn about business applications, as well as the legal/regulatory framework that media professionals operate in, and will explore ethical issues for media and business in general.

RTA 402 - Social Media (3-0-3)
Prerequisite: None

Students will learn how to leverage established and emerging social media platforms for specific purposes such as marketing, storytelling, research, branding, collaboration, etc. Through case studies and hands-on practice, students will gain an understanding of social media strategy, metrics, and best practices. The effects of social media on storytelling, media production, audiences and culture will be explored. This subject explores the technologies and development methodologies behind social networks. Beginning with a short history of group communication through technology, the course moves onto an examination of various social media platforms. Students work on creating and experimenting with various social media sites and platforms using a variety of digital tools.

RTA 404 - Advanced Media Management (3-0-3)
Prerequisite: None

In this course, students will learn about organizational behavior in the media industry. Topics will include theories of employee motivation, individual behavior, interpersonal and organizational communication, perception and personality in organizations, work attitudes and values, team dynamics and effectiveness, organizational power and politics, conflict and negotiation, leadership, and stress management.

RTA 408 - Business of Producing 1 (2-2-3)
Prerequisite: None

From the vantage point of the independent producer, students study the business and legal aspects of independent productions. Students examine how producers work with broadcasters, content creators, film, radio, television producers, internet channels, interactive and transmedia platforms, funding agencies and financiers. Students also explore the business aspects of pitching (selling), developing, financing, producing, post-production and commercial exploitation/distribution of creative media properties.

RTA 415 - Legal Issues in Media **(3-0-3)**
Prerequisite: None

This course will provide students with a general familiarity and understanding of the concepts and legal process inherent in the business of content production, broadcasting and communications and the typical forms of agreements employed therein. Topics to be covered include copyright, contracts, license agreements, clearance of program rights, financing and legal issues relating to the internet and multimedia. Issues in entertainment law will also be reviewed, as will government regulation of the broadcasting and multimedia industries.

RTA 418 - Ethics in Media **(3-0-3)**
Prerequisite: None

This course explores ethical and legal case studies in a business context, analyzing problems that arise in typical broadcasting and new media environments as well as in film, television, and radio programming. The student's responsibility to society and the ethical choices they will be required to make are reflective of the legal framework (both regulatory and statutory) within which they will be working.

RTA 427 - Business of Music 1 **(3-0-3)**
Prerequisite: None

This course will explore the history of the music business, music industry organization and the roles of record companies, publishers, songwriters, unions and managers. Topics include A&R, marketing, promotion, sales, business affairs, finance and the use of music in film, TV, and advertising.

RTA 488 - International Media Storytelling **(3-0-3)**
Prerequisite: None

This course explores the opportunities and challenges of developing media content for the world market. The course will focus on international co-production and distribution of television, internet and other platforms. It will include an exploration of the development process of being a storyteller and media producer and executive for a global audience.

SCI 101 - Physics I **(3-0-3)**
Prerequisite: None

This course covers Newton's laws, forces, equilibrium, moment and couples, structures in equilibrium, centroids and centers of mass, moments of inertia, motion in two and three dimensions, and rotation.

SCI 210 - Modern Physics **(2-2-3)**
Prerequisite: MTH 112

This course covers the concepts of Electrostatic, Magnetostatics, waves, Doppler effect, reflection, refraction, geometrical optics, light propagation, and thermodynamics.

SCI 220 - Engineering Mechanics **(3-0-3)**
Prerequisite: MTH 112

This course covers Newton's laws, forces, equilibrium, moment and couples, structures in equilibrium, centroids and centres of mass, moments of inertia, motion in two and three dimensions, and rotation.

SCM 310 - Supply Chain Management **(3-0-3)**
Prerequisite: QBA 341 & MGT 361

This course addresses the fundamentals of supply chain management. Topics include objectives and need for supply chain management, local and global sourcing, logistics management, supply chain operations, supplier relationship, customer relationship, purchase management, inventory management, location decisions, and competitive advantage.

SCM 313 - Logistics and Transportation Management **(3-0-3)**
Prerequisite: SCM 310

This course addresses provides basic concepts of economic analysis with respect to the transportation and distribution sector and the tools necessary to undertake transport and distribution project evaluation. The course also applies these concepts to evaluate private and public decisions associated with transportation and distribution.

SCM 314 - Global Supply Chain Management (3-0-3)
Prerequisite: MGT 361

Examines the imperatives of logistics and supply chain management within the global context. Topics covered spans transportation, customer service, inventory management, warehousing, materials handling and packaging, information systems, global sourcing, facility location decisions, international carrier management and operations, importing/exporting procedures, customs issues, transportation intermediaries as well as documentation, international sourcing/distribution and management of inventory within and across firms throughout the global supply chains to enhance performance and gain global competitive advantage. Also, focuses on application and the unique features of logistics and supply chain management in various nations and regions of the world, the differences in logistics and supply chain systems and transportation infrastructure around the globe, global trade compliance, roles of export intermediaries and third party logistics providers in international trade supply chain operations logistics.

SCM 315 - Procurement and Supply Management (3-0-3)
Prerequisite: SCM 310

This course addresses the major concepts and principles of procurement and contracting and their applicability in practice. Topics include purchasing activities and strategies, a field trip, supplier selection and management ethics, cost and contract management and global sourcing.

SCM 401 - Supply Chain Information Technology (3-0-3)
Prerequisite: SCM 310 & SWS 351

This course addresses the role of technology and information systems in supply chains. It addresses ERP concepts, e-business platform, documentation and tracking systems, warehouse management systems, transportation management systems, and supply chain software capabilities.

SCM 403 - Supply Chain Modeling and Simulation (3-0-3)
Prerequisite: SCM 310 & MGT 361

The course will introduce object oriented simulation, which can be used to evaluate operations and supply chain management strategies. A simulation software will be used to model operations and supply chains, simulate the model, conduct scenario and risk analysis, to make more efficient and effective management decisions.

SCM 404 - Supply Chain Risk Management (3-0-3)
Prerequisite: SCM 310 & QBA 341

Vulnerability to sudden supply chain disruption is one of the major threats confronting today's firms. The challenge for firms is to mitigate and manage this risk through creating resilient supply chains. Topics include: risk and uncertainties, supply chain logistics vulnerability and disruption, enterprise-wide risk management, crisis response logistics management, global supply chain security measures, identification of risk sources; contingency planning; risk and disaster mitigation and recovery; responses to government regulatory, sustainability, societal, and stakeholder demands; and financial aspects of managing supply chain risk. Examination of effective supply chain risk management strategies.

SCM 405 - Quality and Lean Management (3-0-3)
Prerequisite: MGT 361

Management of quality has been a key issue in the success of modern organizations, regardless of whether they engage in the provision of products or services. The impact of quality of products or services is sustained long after delivery of products or services has subsided, and as such directly affects a company's market

share, profitability, and reputation. This course is designed to give students fundamentals of quality management with emphasis on continuous process improvement and lean/6-sigma.

SCM 406 - Sustainable Supply Chains (3-0-3)
Prerequisite: SCM 310

The course will address an important modern challenge in operations and supply chain design, which is to produce in a sustainable and environmentally friendly way. The course will present all operations and supply chain decisions that are affected by sustainability. A holistic view of the supply chain will be considered in analyzing sustainability. Some topics to be covered are: environmental degradation, recycling, green manufacturing, reverse logistics, economic and social benefits of supply chains, closed loop supply chains, and supply chain symbiosis. Several industries will be presented through case studies.

SCM 409 - Strategic Operations and Supply Chain Management (3-0-3)
Prerequisite: SCM 310 & SCM 404

Capstone course integrating logistics and supply chain theory, practice, and strategy. Essentially, it requires an intensive study of strategies used to effectively and efficiently facilitate product, information, and financial flows. Integrated supply chain strategies synthesizing supply management, production, logistics, and enterprise systems. Provides a comprehensive perspective of supply chain management. Integrates supply chain concepts, framework, processes and tools learned in previous supply chain management courses. Topics covered include supply chain network design, collaboration planning, inventory and supply chain information visibility, process synchronization, production and distribution planning, inventory optimization, demand planning management, order promise fulfillment, information technology, strategic sourcing, and alliances/partnerships to enhance corporate performance and competitiveness.

SHS 100 - Principles of Public Health (3-0-3)
Prerequisite: None

This course covers the major concepts and principles of public health and the determinants of health status in communities with emphasis on health and the life causes. Topics include how individuals and environmental health relates to social, economic, cultural and psychological factors, principles of measurements of health status in the community, and the current achievements and future challenges in public health locally and globally.

SHS 102 Healthcare Systems (3-0-3)
Prerequisite: None

This course covers the Systems Theory that helps health administrators design and develop management control systems. Topics include general systems theory, healthcare system and its different levels, different healthcare systems (UK, USA, CANADA, UAE), factors affecting the healthcare system, classification of systems, system approach, analysis, design and applications, organization theory, health services organization system network, management control system in health services organizations, decision support systems in health services organizations.

SHS 103 - Chemistry (2-2-3)
Prerequisite: None

This course introduces the students to basic chemistry. Topics include introduction to chemistry, the scientific method, properties of materials, atomic theory, periodic table, chemical formulae, molecular and ionic compounds, compounds nomenclature, energy, mole, measurements, moles, redox reactions, chemical equations, and acids and bases.

SHS 104 - Health Economics (3-0-3)
Prerequisite: None

This course introduces the students to economic concepts and their applications in healthcare settings. Health Economics applies the tools of economics to different issues of the organization, delivery, and

financing of healthcare. Topics covered include: economic valuations of life and health, individuals as producers of their health, empirical studies of the production of health, health goods, market failures and justice, optimal health insurance contracts, risk selection in health insurance markets, physicians as suppliers of medical services, hospital services and their efficiencies, different forms of medical care provision, market for pharmaceuticals, political economy of healthcare, and future challenges of healthcare systems.

SHS 105 - Organic Chemistry (2-2-3)
Prerequisite: SHS 103

This introductory course covers the general principles of Organic Chemistry. Topics include Electronic structure of elements; bonding and hybridization; Resonance; acid/base in organic chemistry; organic compounds and their nomenclatures. Physical properties, structures, reactions, and mechanisms of: Hydrocarbons (Alkanes, Alkenes & Alkynes, and benzene), Alkyl halides, Alcohols, Aldehydes and Ketones, Carboxylic acids, Amines and Ethers.

SHS 111 - Fundamentals of Human Systems (2-2-3)
Prerequisite: BIO 102

This course provides a comprehensive and integrated knowledge of the human systems structure and functions through understanding biological mechanisms and processes. Topics include: Human Body Structure and Functions (thorax, abdomen, limbs), Cardio Vascular System (Heart, Blood, Vessels), Digestive System, Muscular System, Nervous System.

SHS 200 - Global Health (3-0-3)
Prerequisite: None

This course examines the social, economic, and cultural factors impacting the health of societies worldwide and identifies key global health conditions. Topics covered include measuring health, wealth, poverty & inequality, priority setting & resource allocation, health systems overview, options for improving health service delivery at the national level, maternal and child health, HIV/AIDS and Tuberculosis, under nutrition & obesity, chronic diseases and risk factors, challenges related to emerging infectious diseases, humanitarian emergencies, health service delivery, and access pharmaceuticals and technologies.

SHS 205 - Biochemistry (1.5-3-3)
Prerequisite: SHS 105

This introductory course covers the general principles of Biochemistry. It helps students understand the fundamental importance of biomolecules and biological processes to a wide range of fields especially the medicine, veterinary medicine, agriculture and the involvement of biochemistry in biotechnology and biomedical engineering. This course covers the following materials: Biochemistry and water, Protein and Enzymes, Carbohydrates, Lipids and Membranes, Coenzymes and Diseases, and Nucleic Acids (DNA and RNA). Finally this course covers the interrelationships of the metabolic cycles of the bio-active compounds in living cells such as: Carbohydrates, lipid, and Proteins.

SHS 207 - Library Science and Information Literacy (2-2-3)
Prerequisite: GED 101

This course introduces the students to the basics of information literacy. It provides them with the basic skills they will need during their university study. Students should build on these skills in many more courses, and throughout their career and real life. They should make an effort to recognize information needs, access and evaluate appropriate information to answer those needs. Topics include: Understanding Information literacy, Search techniques, Finding articles, Surfing the web, Evaluating information, Using information, Subject resources.

SHS 208 - Infectious Diseases (3-0-3)
Prerequisite: None

This course introduces the students to infectious diseases with emphasis on the impact of infectious diseases in public health. Infectious diseases are grouped by body systems and mode of transmission. The course covers a selection of emerging food-borne, water-borne, bacterial, viral and zoonotic diseases. Approaches to prevention and control are also discussed.

SHS 212 - Health Planning (3-0-3)
Prerequisite: SHS 102

This course introduces the global health, its status, and the threats and challenges facing today's health planners. Topics include: Images of health, Human health in changing world, Demographic transmission, A new global health threat, Reproductive and child health, Tackling inequalities in health, Endangered future of humans, Recent trends in environmental health, Need for healthcare reforms, Recent trends in environmental health, Health economics, Health economics, Economic aspects of health planning, Health policy, Future trends in the healthcare.

SHS 213 - Introduction to Healthcare Quality Management (3-0-3)
Prerequisite: HOM 101

This course introduces to TQM and its application in the healthcare field. Topics include: Evolution of Total Quality Management, Evolution of Quality in healthcare, Principles of total quality in healthcare organizations, Group processes in healthcare quality improvement, Process orientation in healthcare quality, Clinical practice guidelines/ patient-centered care, Implementation of quality improvement in healthcare, Outcome model of healthcare quality, Data management, measurement, and statistical analysis in CQI, Cost and healthcare quality, The law, ethics, and total quality.

SHS 220 - Applied Medical Terminology (3-0-3)
Prerequisite: None

This course introduces students to the terminology of medicine. Students will gain an understanding of basic elements, rules of building and analysing medical words, and medical terms associated with the body as a whole. Utilizing a systems-approach, the student will define, interpret, and pronounce medical terms relating to structure and function, pathology, diagnosis, clinical procedures, oncology, and pharmacology.

SHS 221 - Chronic and Non-Infectious Diseases (3-0-3)
Prerequisite: None

This course covers patterns of occurrence and strategies for control and prevention of non-infectious/chronic diseases. Topics include chronic disease epidemiology, public health approaches to chronic disease control, lifestyle risk factors, chronic diseases morbidity and mortality, treatment options and rehabilitation outcomes, cardiovascular diseases, cancer diseases, diabetes, arthritis, stress, the impact of health care disparities on illness and disability, patient education and self-management techniques.

SHS 311 - Human Resources Management in Healthcare (3-0-3)
Prerequisite: None

This course introduces the subject of human resource management to the students by focusing on the required strategies. Topics include Human resource strategy and planning, Job design, scheduling, and staffing strategies, Recruitment, Short listing and interviews, Employment relationship, Credentials and process of credentialing, Physician privileging, Orientation, training, development, and succession planning, Performance management, Payment systems and partnership and employee involvement, Discipline, grievance, dismissal, redundancy, and outplacement, Compensation, benefits and recognition strategy.

SHS 312 - Measuring Performance in Healthcare Organizations (3-0-3)
Prerequisite: SHS 213

This course addresses performance measurement in supporting a culture of continuous improvement in a modern healthcare organization. Topics include: Need for measuring performance, Key performance indicators and critical success factors in a healthcare organization, Methodologies used in the assessment of

quality of healthcare, Excellence Models of measuring performance, Stakeholders' perspectives & measurement of performance of a healthcare organization, Introducing a quality initiative and factors affecting its implementation, Measuring the effectiveness of quality initiatives on organizational Performance, Measuring the effectiveness of quality initiatives on different services, functions, and activities of a healthcare organization.

SHS 314 - Health Economics and Financial Management (3-0-3)
Prerequisite: None

This course introduces the basic principles of macro and microeconomics and the elements necessary to apply these principles to the health care field. Health Economics basic principles, Economic Tools to improve resource allocation and decision making, Specificity of health economics, Healthcare finance, Assets, Liabilities, and Net Worth, Revenues & Expenses, Cost Classifications, Cost behavior and Break-even Analysis, The manager's responsibility with respect to staffing, Reporting, financial and operational ratios as performance measures, Time value of money, Comparative Data, forecasts, and benchmarking, Budgeting and variance analysis, Capital expenditure budgets.

SHS 400 - Internship (3 Credits)
Prerequisite: 81 Credits & CGPA ≥ 2.0

The internship provides departmental students with the opportunity to apply their knowledge in the areas of Public Health. They are expected to investigate and analyse practical public health issues, problems or challenges, and ultimately participate in decision-making. Students of Environmental Health Management concentration will explore environmental related entities whereas students of Health Administration concentration will explore health related entities. The internship course experience aims to prepare students to discover different tasks of their future professional career.

SHS 401 - Healthcare Ethics (3-0-3)
Prerequisite: 81 Credits

This course introduces the students to the healthcare ethics. Topics include: Human value development, Decision making in value issue, Types of ethical theory, Basic principles of healthcare ethics, Confidentiality and the management of healthcare information, Healthcare professional-patient relationships, Patient and family rights, Administrative Ethical issues, Biomedical Ethical issues, Legal issues, culturally appropriate healthcare, Codes of Professional ethics.

SHS 402 - Performance and Service Improvement in Healthcare (3-0-3)
Prerequisite: SHS 312

This course presents an in-depth analysis of the concept of continuous improvement and its application in the healthcare field. Topics include: defining performance improvement, healthcare and the concept of continuous improvement, continuous performance improvement model, identifying improvement opportunities, aggregating and analyzing performance improvement data, communicating performance improvement activities and recommendations, measuring consumer satisfaction, organizing for performance improvement, developing effective performance improvement teams, managing health performance improvement projects, evaluating the performance improvement program, Benchmarking and best practice.

SHS 410 - Public Health Ethics (3-0-3)
Prerequisite: 81 Credits

This course addresses ethical issues related to health at a population and community level: public health ethical concepts such as consequentialism, non-consequentialism and liberal political philosophy. The course also covers ethical framework of public health activities.

SHS 420 - Career Tasks and Challenges in Public Health (3-0-3)
Prerequisite: 81 Credits

This course provides students with the opportunity to examine the methodologies to solve current issues in public health. It focuses on current solutions faced in public health. Students are exposed to professionals from the field of public health to gain a better understanding of career tasks and challenges.

SHS 421 - Leadership (3-0-3)
Prerequisite: 81 Credits

This course presents an overview of the concept of leadership and its application in healthcare and environmental organizations. Topics include historical development of Management Theory, differences between leadership and management, evolution of leadership theory, decision making and problem solving, implementation of planned change and the change theory, Decentralization and participatory management, communication and creating a motivating climate, Organizational, Interpersonal, and group communication, delegation, conflict management and supervision, control and evaluation.

SHS 430 – Applied Research (3-0-3)
Prerequisite: 81 Credits

This course consists of conducting a research study in the field of Public Health (environmental health and health administration) and present the findings. It includes ongoing follow-up by faculty to provide guidance and to monitor the student's methodology and achievements. Topics include formulation of research problem, identification and collection of relevant data, data analysis and interpretation, and writing the research findings using professional standards.

SPT 112 - Introduction to Sport Management (3-0-3)
Prerequisite: None

Effective management is a universal requirement of all organizations, whether large or small. This course introduces students to the roles, responsibilities, and functions of management and serves as a foundational course for subsequent business courses. Topics include: the Four functions of management: leading, planning, organizing, and controlling; Managing in a global environment; Organizational structure and culture; Strategic Management; Social responsibility and managerial ethics; Managerial Decision Making, and Managing teams.

SPT 212 - Sports Nutrition (3-0-3)
Prerequisite: None

This course provides students with an overview of nutrition as an important element for physical growth and health throughout the human lifespan in the growth and health of mankind with focus on sports performance in the mankind lifestyle and sport endeavors with focus on sport performance. Students will acquire knowledge and understanding of the key elements of human nutrition that includes vitamins, minerals, nutrients supplements and their importance in the diet, where they can be found and how to maintain good health.

SPT 222 - Planning and Management of Sport Facilities (3-0-3)
Prerequisite: SPT 112

This course has been crafted to address the sport facilities requirements in terms of planning and managing as a primary role. In addition, this course will allow students to better understanding the importance of planning and management of sport facilities with emphasis on the new technological tends in all aspects of sports facilities.

SPT 311 - Sports Governance/Agents (3-0-3)
Prerequisite: None

This course will provide students with concepts, theories, guidelines and fundamentals of good sport governance in a comprehensive approach that addresses the roles and responsibilities of different constituents for sport governance such as the Board, Members of the Board and the CEO as well as strategies to be developed in terms of leadership, risk management, performance appraisal, ethics and addressing the

challenges for sport governance in the 21st century.

SPT 312 - Sport Organizations (3-0-3)
Prerequisite: SPT 112

Students will be exposed to the concept of sport organizations, they will acquire the skills on how to structure and manage sport organizations, set up strategies, goals and assess the effectiveness of the sport organizations, leading changes to enhance eth efficiency and addressing and solving organizational conflicts.

SPT 321 - Sport Coaching (3-0-3)
Prerequisite: None

This course will provide students with a comprehensive approach of sport coaching from business perspective that includes coaching marketing psychology, decision making and coaching concepts analyses with emphasis on Human Anatomy and Physiology and the fundamentals of training and fitness.

SPT 331 - Leadership in Sport Organization (3-0-3)
Prerequisite: None

This course provides students with a comprehensive approach on leadership in the field of sport organization that focuses on leadership theories and strategies, skill sets and communication tactics, conflict management and a number of other leadership issues in the field of sport.

SPT 421 - Sport Event Management (3-0-3)
Prerequisite: None

This course provides the details for sport event planning and management process and the necessary knowledge to prepare a sport event in a more efficient manner.

SPT 422 - Sport and Media (3-0-3)
Prerequisite: None

This course provides students with an understanding of the relationship between media and sport organizations and acquires the knowledge and skills to properly and effectively communicate with media as well as developing integrated and comprehensive communication strategies and addressing the challenges faced in sport communication.

SPT 441 - Sport Law (3-0-3)
Prerequisite: None

This course provides students with the fundamentals of law governing the sport activities and addresses the legal issues and challenges specific to the practice of sport, administrative and events operations.

SUS 430 - Sustainable Urban Planning and Design (3-0-3)
Prerequisite: 300 Series

SUS 430 Sustainable Urban Planning and Design focuses on the interrelationship between the built environment and social, economic and institutional forces. The course provides students with a profound and broad understanding of the multiple factors in sustainable urban development. Students are trained to alter planning and design practices to respond to the environmental conditions and societal needs of the future. The course will examine the principles and practices of sustainable development in the context of urban planning and design. The course builds upon previously acquired knowledge in the field of sustainable design gained in Environmental Systems & Design Integration (ARC 341 & Advanced Environmental Systems & Design Integration ARC 342. The student would be expected to demonstrate understanding of the complexity behind the Sustainable urban development, its components and interactions with cities and communities. Gain an understanding of the “holistic approach” principles and of the integrated sustainable urban planning. Apply the theoretical knowledge on case studies discussing the place-specific characters of the sustainable urban development principles. Also, to demonstrate the application of the contemporary sustainable urban planning and design theories studied by integrating tangible design solutions into the

Introductory Sustainable Specialized Design Studio (SUS 461) taken in parallel and should form a strong conceptual basis for the sustainability senior project design studio (SUS 462). This course contains three parts. First, the course explores overall theoretical frameworks and global institutions for sustainability and sustainable development, which provides foundational structure for urban sustainability analysis. Second, thematic issues will be explored in urban environment, including green economy, water and sanitation, waste management, climate change and disaster management, and energy and transport issues, and urban land management and biodiversity. Third, some good experiences and lessons learnt on managing cities will be reviewed.

Lectures and Theoretical presentations are combined with students' debates, field visits and guest speakers in the delivery of this course.

SUS 431 - Ecological Design (3-0-3)
Prerequisite: 300 Series

SUS 431 represents the culmination of theoretical studies into the intrinsic relationships between architecture the environment. Its aim is to engage the student with a deeper understanding of the ecological systems that connect with architectural theory and practice. It focuses on how Human physiology, the occupation of space, and principles of sustainability can be further examined against energy consumption, environmental degradation, life cycles of materials and products, and valid interior and exterior design strategies. The course builds upon previously acquired knowledge in the field of sustainable design gained in Sustainability of Buildings (DES 231) and Site Planning and Landscape (ARC 232) The student would be expected to demonstrate the application of the contemporary Ecological design theories studied by integrating tangible design solutions into the Introductory Sustainable Design Studio (SUS 461) taken in parallel and should form a strong conceptual basis for the specialized design studio (SUS 462). The course has its origins rooted in understanding the Principles of Ecological Design and develops students skills in the analysis of the many contemporary adaptations of these principles. Lectures and Theoretical presentations are combined with field visits in the delivery of this course.

SUS 432 - Sustainable Rating Systems (3-0-3)
Prerequisite: 300 Series

SUS 432 Sustainable Rating Systems represents the systematic foundation and exposure to the rapidly developing legal frameworks surrounding Sustainable Building Rating Systems. It aims at enhancing understanding of the various Building Code, Architectural Design and Sustainable Design Strategies required of various international and national Rating systems, and the skills of assessing them in the design context. In particular, it focuses on three intents. First, enabling a greater awareness of the impact of the Sustainable Design Rating Systems on building design and about the tension of linking creativity to the limitations that are imposed by them; second enhancing understanding of the components of the International and the local Sustainable Rating Systems in relation to various key strategies, such as Energy, Water, Health etc. Finally, third, enhancing the skills of interpreting the rating system requirements in relation to design intents, assessing buildings in terms of compliance with these requirements and applying them in the generation of new designs. The course builds on previously acquired knowledge in the areas of sustainable design, structure, construction, and environmental systems. It will provide an added challenge for the materialization of design ideas in the following specialized design studio (SUS 462) in creating detailed drawings with rating system based specifications. Similarly, it supports the assessment of specific rating system requirements relating to the Introductory Sustainable Design Studio (SUS 461) design studio taken at the same semester, and complements the Building Code course (ARC 441) taken in parallel. The course progresses from introducing the general regulatory context as reflecting the professional roles of architects to a discussion of the varied components of the various Sustainable Rating Systems Internationally, covering LEED, BREEAM, ESTIDAMA and local Green Building Codes. It culminates in a comprehensive analysis of proposed or real buildings in term of compliance with some specific Rating system requirements. Lectures and theoretical presentations are combined with practical applications in the delivery of this course.

SUS 461 - Sustainability Specialized Design Studio (3-6-6)

Prerequisite: 300 Series

This studio course is the core specialized studio course for the Sustainability specialization, and as such is grounded in the notions of sustainable architectural design. Throughout the semester the student will work on developing various scale of design projects, exploring the key themes of sustainable design with particular reference to how they pertain to designing for extreme climates such as the UAE. The student will be expected to synthesis and build upon the themes introduced in 3rd year studios, ARC 361 Environmental Design and ARCH 362 Integrated Design and Environmental systems courses DES 341 and ARC 342, with the goal of developing architectural design skills that balance climate, context, site, and technical environmental technologies with function and aesthetics.

The course is Studio based, but runs in parallel with the core sustainability elective theory course, (SUS 431/432/433) and as such students will be expected to assimilate theoretical knowledge gained in that course with the Studio design skills developed in this course. The course is the final studio prior to the student engaging in their graduation design project and will prepare the student with the necessary skills and knowledge to be able to undertake and develop their graduation project briefs.

SUS 462 - Sustainability Senior Project – Design (Studio) (3-6-6)
Prerequisite: SUS 430 or SUS 431 or SUS 432 & SUS 461

This is the second of two studio courses that are structured toward delivery of the student's specialization in Sustainability. It is also the capstone studio for the degree and as such encompasses the ability for students to comprehensively integrate the multiple complex factors involved in sustainable architectural design, and learnt throughout the previous semesters, including integrating all major building systems - mechanical, acoustical, structural, lighting while addressing social, and environmental issues using sustainable approaches

The design project itself is substantially devised by the individual student although must be approved by the faculty. It is concerned with the finalizing of a design process which commenced with investigative studies in Sustainable design (SUS 461) paralleled by the completion of the chosen sustainability concentration electives, thereby providing a theoretical and intellectual base for the senior architectural project.

Each student will develop a proposal that will encompass aptitudes, design interests, strengths, and specific sustainable objectives. Consequently, this should be regarded as a capstone course, which will reflect a thorough and independent understanding of the process of sustainable architectural design gained through specialized electives (SUS 430/431/432) while indicating professional aptitude and abilities gained in professional courses such as Building codes (ARC 441) and Environmental Systems & Advanced (DES 341 and ARC 342)

SWS 110 - Programming I (2-2-3)
Prerequisite: None

This course provides an introduction to algorithms: their definition, design, coding, and execution on computers. Students will learn the syntax and semantics of programming language including variables, data types, expressions, and assignment; program flow of control; conditions; and loops. Students are provided with a thorough conceptual grounding in computational problem solving before introducing them to specific programming language syntax, giving them the background to become successful programmers in any language. Intended for students who have no programming experience.

SWS 211 - System Analysis and Design (3-0-3)
Prerequisite: SWS 316

This course introduces the students to the information system concepts and the system development process. The course emphasizes the development phase of analysis, the application of structured methods, and the use of tools. Coverage includes Structured systems analysis and design methodologies, functional decomposition, data flow diagram approach (DFD), Project Planning, Project Management, Current Trends in System Development, and information modeling. Students will also learn to evaluate the quality of new system. Students explore object-oriented analysis and design (OOA & OOD) models using industry standard

UML techniques.

SWS 215 - Web Development **(2-2-3)**
Prerequisite: BCS 306

This course presents basic concepts and techniques related to Web development, front-end and back-end. Students will learn how to build responsive HTML pages at the client side, and dynamically generated pages at the serve side. They will build complete applications that utilize the full-stack standards and technologies such as HTML5, CSS, and JavaScript.

SWS 315 - Mobile Application Development **(2-2-3)**
Prerequisite: SWS 215

This course teaches students how to build mobile apps for mobile operating platforms. It also explains key concepts and basic platform requirements for creating mobile applications. Emphasis is placed on the processes, tools and frameworks required to develop applications for current and emerging mobile computing devices.

SWS 316 - Programming II **(2-2-3)**
Prerequisite: SWS 110

This course focuses on the object-oriented paradigm. Course topics include: objects and classes; object-oriented design; encapsulation and information hiding, inheritance and composition, polymorphism, abstract classes, interfaces, simple data structures and their applications (array, string manipulation, recursion, streams and File I/O), Programming practice using a modern high-level language.

SWS 351 - Management Information Systems **(2-2-3)**
Prerequisite: GED 101E or SWS 110

This course introduces the study of organizations as systems supported by information processing. It focuses on describing information systems (IS) requirements and applying IT on business and management. Topics include IS in the Enterprise, Electronic Business and Electronic Commerce, IT Infrastructure and Platforms, Managing Data Resources, Security and Control, Enterprise Applications and Business Process Integration, Management Decision-Making for the Digital Firm, Redesigning the Organization with IS, Understanding the Business Value of Systems, Managing International IS.

SWS 400 - Data Warehousing **(3-0-3)**
Prerequisite: BCS 306

This course covers scientific and practical aspects of current data warehouse with visions on reasonable solutions for management and technical fields. The topics covered are concepts of the data warehousing and business requirements, data warehousing and Business Intelligence approaches, planning for data acquisition, centralization, distribution, performance and presentation, Enterprise Data models, Data Governance, and ETL (Extract, Transform and Load) data into Data warehouse.

SWS 401 - Web Services Integration **(2-2-3)**
Prerequisite: NET 405

This course covers web services designed to enable applications to communicate over a network. It introduces students to Service-Oriented Architecture (SOA) and Representational State Transfer (REST) to develop reusable web services. SOA and REST both are architectural styles that are cornerstones of modern applications and cloud computing. Both aim to deliver scalable and interoperable solutions. Students will learn how to implement Web Services using a REST based architecture (RESTful). The course also describes proper design of Web Services and applications to implement a SOA.

SWS 421 - Cryptographic Protocols and Algorithms **(3-0-3)**
Prerequisite: NET 220

Security protocol modules; Basic cryptography objectives namely confidentiality, integrity, authentication, freshness, and non-repudiation; Security tools; Symmetric (secret-key) mechanisms; Asymmetric (public-key) mechanisms; Cryptographic algorithms and protocols (e.g., DES, AES, RSA, RCA), Encryption for confidentiality and authentication; Key management and exchange; Message Authentication and Hash Functions; digital signatures, Implementation of algorithms.

SWS 405 - Applied Artificial Intelligence (2-2-3)
Prerequisite: MTH 130, BCS 205 or SWS 316 & BCS 206

This course provides an introduction to the basic principles and tools of applied artificial intelligence. It covers foundations of artificial intelligence, applying probabilistic reasoning models, search techniques to solve problems in either single agent environment or competitive environment, applying modern machine learning tools to solve classification and regression problems.

28.2 Course Descriptions - Arabic Courses

GED 101 تطبيقات في برمجيات الحاسوب (3-2-2)
Prerequisite: لا يوجد

يقدم هذا المساق للطلاب الأسس العامة والمصطلحات الخاصة بالحاسب الآلى ، بحيث يصبح لهم خبرة كبيرة بتطبيقات برامج الحاسب الآلى التجارية العامة من خلال التدريب فى المعامل على نظام تشغيل وندوز مبكروسوفت ، وأوفيس ميكروسوفت ، (الوورد ، الإكسل ، والأكسس) مع التأكيد على استخدام الكتابة على الصفحات المتقابلة والبيانات الرئيسية فى مجال الأعمال والشركات .

GED 110 تقدير الفن الحديث (3-0-3)
Prerequisite: لا يوجد

يتناول المساق دراسة الروائع الفنية العالمية من الرسومات واللوحات والتماثيل والفن المعمارى كأمثلة على الانجازات الحضارية فى مجال الفن البصرى. كما يتناول دراسة تفصيلية لبعض النماذج وفهمها فى ضوء الحاجات المتنوعة للمجتمع وبشكل خاص التغيرات فى الشكل والاسلوب والوظيفة. ويتعرف الطلبة على الاتجاهات المتميزة للفن البصرى خلال الحضارة الانسانية ويركز المساق على النماذج الفنية من القرن التاسع عشر حتى الوقت الحالى.

GED 111 تقدير الموسيقى والتواصل (3-0-3)
Prerequisite: لا يوجد

يهدف المساق إلى تحفيز التقدير الموسيقى والتواصل. بالإضافة الى تحديد العوامل التي تعزز وتثبط الموسيقى وتاريخ الموسيقى، وممارسة الموسيقى والتواصل عن طريق الموسيقى. نظرة على الموسيقى الشعبية وتأثيره على الحياة اليومية. فهم قيمة الموسيقى كجزء من وسائل الإعلام والاتصال الجماهيري. تعلم اللبنات الأساسية لتاريخ الموسيقى وممارسة الموسيقى والتقدير الموسيقى

GED 125 النظم البيئية وصحة الإنسان (3-0-3)
Prerequisite: لا يوجد

يقدم هذا المساق المفاهيم الأساسية للصحة الإنسانية ، ويؤكد على كيفية ارتباطها ببعضها البعض وأثر هذا الارتباط بالصحة النفسية للإنسان . وتشتمل موضوعات المساق على تعريف الصحة ، السلوك الصحى ، الضغوط النفسية ، التغذية ، النشاط البدنى ، الإدمان ، العدوى والأمراض غير المعدية ، والصحة البيئية .

GED 132 العلم والتكنولوجيا في المجتمع (3-0-3)
Prerequisite: لا يوجد

يتحقق هذا المساق من أهداف، وطرق ونتائج البحث العلمي في التاريخ البشري، بما في ذلك تأثير التطورات العلمية والتكنولوجية على المجتمعات، والثقافات والأنظمة السياسية. كما يناقش المساق الدراسي أيضًا بعض النزاعات الفلسفية التي تثيرها تلك التطورات وآثارها السياسية والأخلاقية على المجتمعات.

GED 140 - أساسيات الإبتكار وريادة الأعمال **(3-0-3)**

Prerequisite: لا يوجد

يخصص هذا المساق لدولة الإمارات العربية المتحدة ، ويستخدم الخبرات العملية فى تدريس التجديد وريادة الأعمال بجامعة ستانفورد التى تحرص تحقيق التجديد وزيادة معدلات النمو. ويهدف المساق إلى تخريج جبل من القادة فى دولة الإمارات العربية المتحدة أفكاره مبنية على أساس من التجديد وريادة الأعمال وتنمية المهارات المتصلة بهذا المجال. ويتكون المساق من ثلاث نماذج صُممت لكى يتم تعلمها فى 15 أسبوع من منتصف فصل دراسى .

- النموذج الأول : التفكير الخلاق .
- النموذج الثانى : ريادة الأعمال .
- النموذج الثالث : النمو القيادة .

معظم الورش العلمية تشتمل على: المحاضرة، المناقشة، الأنشطة التفاعلية فى المحاضرة، وفتح باب النقاش لأسئلة وأجوبة إذا سنحت الفرص لوجود خبير أو أستاذ زائر. وتتكون الورشة العلمية من بعض العناصر التى سنذكرها لأحقاً وهى ملخص للورشة العلمية وما يتم بالمواد التى تقرأ والفيديوهات التى سوف تتم مشاهدتها قبل الورشة العلمية ومجموعة من الأسئلة الدراسية ومجموعة من الأسئلة الدراسية التى تطرح قبل بداية النقاش داخل المحاضرة

GED 150 - مبادئ المشاركة المجتمعية والعمل الإجتماعي **(3-0-3)**

Prerequisite: لا يوجد

يهدف هذا المساق إلى تنمية المعرفة العملية والمهارات الضرورية التى تسمح للطالب بأن يكون محترفاً فى ممارسة العمل الاجتماعى ، كما يساعد هذا المساق عل إمداد الطالب بالقيم والفلسفات والمعرفة المتضمنة فى ممارسة العمل الاجتماعى ، ويساعده أيضاً فى النمو السريع لبعض المهارات مثل : الوعى بالذات ، القيم الشخصية ، والقيم الاحترافية ، والاتصال ، والملاحظة ، وكيفية بناء علاقات اجتماعية بناءة ، والاندماج مع الجماعة ، وتحليل المشكلات الأخلاقية الكبرى زكما يساعد هذا السياق بشكل خاص على تنمية الإحساس بالهوية المهنية المتخصصة ، والإحساس بالمسئولية ، وتنمية المهارات العلمية الأساسية للأفراد والأسر ، والمجتمعات .

GED 196 - مهارات الاتصال باللغة العربية **(3-0-3)**

Prerequisite: لا يوجد

يطمح هذا المساق إلى تحقيق مجموعة من المهارات التعليمية الأساسية لبناء شخصية الطالب الجامعي بناء ثقافياً يوافق حياته المهنية ، ويدفعه نحو آفاق ثقافية تساعده على بلوغ مرحلة متقدمة من مراحل استخدام اللغة العربية في المجال العلمي ، والبحث الأكاديمي.

GED 198 - الثقافة الإسلامية **(3-0-3)**

Prerequisite: لا يوجد

يقدم هذا المساق تعريفاً بالإسلام من حيث مبادؤه وثقافته. كما يهدف إلى بيان خصائص الثقافة الإسلامية ومصادرها وأهميتها بين الثقافات الأخرى. ويرمي المساق إلى مساعدة الطالب على الربط بين المباديء الإسلامية ومجالات النشاط الإنساني في الاقتصاد وأحوال الأسرة وحقوق الإنسان والعولمة وغير ذلك من القضايا المعاصرة. كل هذا من أجل إمداد الطالب بعناصر الفكر الإسلامي الوسطي المشجع على الحوار وتبادل المنافع بين الثقافات والأديان المختلفة.

GED 199 - مجتمع دولة الامارات العربية المتحدة **(3-0-3)**

Prerequisite: لا يوجد

هذا المساق يعتبر مقدمة لمجتمع الإمارات في جوانبها السياسية والجغرافية والثقافية والديموغرافية والاجتماعية. ويتم تشجيع الطلاب على التفكير في تطور المجتمع في ضوء المتغيرات السريعة التي أحدثتها الحداثة والعولمة. وتشمل المواضيع : جغرافيا وتاريخ الإمارات ، وجوانب من الحياة السياسية والاقتصادية والتنمية الاجتماعية ، والحياة الثقافية قبل وبعد اتحاد دولةالإمارات العربية المتحدة.

GED 252 التفكير النقدي **(3-0-3)**

Prerequisite: لا يوجد

تحديد وتوصيف مهارات الفهم والتحليل والتفسير والتقييم للخطابات والبيانات وأنواع الحجج وإنشاؤها لتلبي الاحتياجات التي تواجه الطلاب فى حياتهم اليومية من اجل التواصل الأفضل . ويتم التركيز على المنطق غير الرسمي للغة كل يوم،. وتشمل المواضيع: لغة الاستدلال وبناءالحجج، تحليل الحجج، وصحة وسلامة التفسير ، ومشاكل تتعلق بالاستدلال والتفسير.

BIO 100 توحيد عمليات الحياة **(3-0-3)**
Prerequisite: لا يوجد

تتضح الوحدة المتضمنة فى كل أشكال الحياة من خلال اختيار وفحص الخلية ، والكيمياء البيولوجية ، والمركبات والعمليات التى تحكم تنظيم الخلية ، وعمليات الأيض ، والاتصال ، والاندماج وإعادة الإنتاج . وتشمل الموضوعات الأساسية على التنفس ، البناء الضوئى تنظيم دورة الخلية ، وخصائص الخلايا المتعددة ، وانقسام الخلية غير المباشر ، والانقسام النصفى للخلية . وأشكال الوراثة ، والچينات الجرثومية .

MTH 195 الإحصاء التطبيقي **(3-0-3)**
Prerequisite: MTH-011 أو النجاح في امتحان الرايات

تم تصميم هذا المساق لإكساب الطلاب المهارات اللازمة في أساسيات الإحصاء. ويتناول الجزء الأول من هذا المساق الإحصاء الوصفي مثل جدولة البيانات وعرضها في صورة رسومات بيانية. ويتناول الجزء الثاني نظرية الإحتمال الأساسية بما يتضمن ذلك المتغيرات المتصلة والمتقطعة مع التركيز على التوزيع الطبيعي. بينما يتناول الجزء الثالث تطبيقيات التوزيع الطبيعي وحدود الثقة واختبار النظرية الفرضية. أما الجزء الرابع فيتناول الإنحدار الخطي والإرتباط.

PSY-101 علم النفس 1 **(3-0-3)**
Prerequisite: لا يوجد

يقدم هذا المساق الحالى طرقاً لفهم السلوك الإنسانى والحيوانى ويقدم تاريخ علم النفس يبين من خلاله الارتباط بين فروع علم النفس المختلفة . وموضوعات المساق مثل مناهج البحث ، الأسس البيولوجية ، الإحساس & والإدراك ، الشعور ، الاضطرابات النفسية ، والعلاج .

PSY-102 علم النفس 2 **(3-0-3)**
Prerequisite: PSY 101

يتم مناقشة طرق فهم سلوك الإنسان والحيوان يستكمل هذا المساق المقدمة لعلم النفس ويبين كيفية دمج الجوانب المختلفة من خلال تغطية موضوعات مثل مناهج البحث، والإحساس والإدراك، والذاكرة، واللغة والتفكير، والذكاء والاختبار، والدافعية والعاطفة، والتطور، والضغط النفسى وكيفية التعامل معه، وعلم النفس المجتمعي، وعلم النفس الاجتماعي.

PSY 200 مناهج البحث **(3-0-3)**
Prerequisite: MTH 195

يهدف هذا المساق إلى تطوير فهم الأدوات الإحصائية لإستخدامها في تقديم وتحليل البيانات النفسية. وسوف تتضمن الموضوعات أساسيات الطرق العلمية وتصميم البحث وتفسير نتائج البحث. وسنولي اهتمام خاص بأخلاقيات البحث. وستوفر جلسات المختبر الخبرة العملية في جوانب متعددة من البحث بما في ذلك التوضيحات والتجارب وإعداد التقارير.

PSY 210 مقدمة فى علم النفس المعرفى **(3-0-3)**
Prerequisite: PSY 102, GED 150

يتناول هذا المساق المنهج المعرفى فى العمليات النفسية مثل : الإدراك ، الانتباه ، الذاكرة ، اللغة ، التفكير ، حل المشكلات ، ويؤكد على النظريات والدراسات التجريبية الخاصة بالجانب المعرفى فى تفعيل المعلومات .

PSY 220 الإدراك **(3-0-3)**
Prerequisite: PSY 102

الأساليب النفسية الفيزيائية والفسيولوجية والسلوكية بالإضافة إلى نتائج البحث المتعلقة بأنظمة المعالجة المرئية والمسموعة والكيميائية والميكانيكية .

PSY 230 الشخصية **(3-0-3)**
Prerequisite: PSY 102

النظريات الكلاسيكية والمعاصرة للشخصية وفائدتها في تحليل السلوك. بحوث تجريبية حديثة. قياس الشخصية.

PSY 240 مقدمة للتعلم **(3-0-3)**

Prerequisite: PSY 102

يهدف هذا المساق إلى إمداد الطالب بنظرة عامة على المفاهيم والمناهج التجريبية والرؤى النظرية في دراسة التعلم والسلوك. وسيتضمن المساق التطرق لموضوعات مثل السوابق التاريخية واستخدام الحيوان في البحث والتعود والإحساس و الاشتراط الكلاسيكي (البافلوفي) والاشتراط الأدائي (الإجرائي) وأساليب التعزيز والتحكم في المثيرات والتجنب والعقاب والبنية الترابطية

والإدراك الحيواني والذاكرة .

PSY 250 علم النفس الحيوي **(3-0-3)**
Prerequisite: PSY 102

الجهاز العصبي المركزي والجهاز العصبي الطرفي والتنظيم الهرموني للعمليات النفسية للإدراك والدافعية والتعلم والذاكرة والمعرفة والاتصال.

PSY 260 علم نفس الشواذ **(3-0-3)**
Prerequisite: PSY 102, GED 150

مقدمة لنظريات وأبحاث في علم النفس المرضى و السلوك الشاذ وذلك بالتركيز على وجهات النظر التاريخية والعالمية. كما سيركز المساق على العوامل البيولوجية والنفسية والمجتمعية في السلوك الشاذ بما في ذلك دور السياق الثقافي والشخصي والعلاقات الشخصية.

PSY 280 علم النفس النمائى 1: مرحلة المهد والطفولة **(3-0-3)**
Prerequisite: PSY 210

نمو الإنسان بالتركيز على الأبحاث والنظريات في الجوانب الجسمية والمعرفية والشخصية والاجتماعية الثقافية وتأثيرها على نمو الرضع والأطفال.

PSY 290 علم النفس العصبي **(3-0-3)**
Prerequisite: PSY 250

العلم العصبي السلوكي أو علم النفس العصبي هو ذلك المجال الذي يركز على كيفية قيام المخ وآلياته الفسيولوجية والوراثية والتنموية بتشكيل السلوك. وبشكل خاص، يختبر هذا المساق طرق البحث وتسجيل وفهم العلاقة الوطيدة بين المخ والسلوك، بينما يناقش أيضاً أخلاقيات تطوير ودراسة وتطبيق هذا المجال في الحياة. وسيتم تقديم العديد من أدوات التصوير العصبي المختلفة في هذا المساق لتوضيح طرق البحث والتطوير المذكورة أعلاه.

PSY 300 علم النفس الاجتماعي **(3-0-3)**
Prerequisite: لا يوجد

مقدمة للدراسة العلمية حول كيفية تفكير الأشخاص، وتأثيرهم، وارتباطهم ببعضهم البعض. وتتضمن الموضوعات كلاً من: الإدراك الاجتماعي، والذات والهوية، والاتجاهات وتغير الاتجاهات، والإقناع، والمسايرة، والعمليات الجماعية، والتأثيرات الثقافية، والتعصب والتمييز، والمساعدة، والعدوانية، والتجاذب بين الأشخاص، والعلاقات الحميمة، والقضايا التطبيقية (على سبيل المثال، الصحة، والتطبيقات البيئية والسياسية والقانونية) .

PSY 320 علم النفس المجتمعي **(3-0-3)**
Prerequisite: PSY 300

مقدمة لكل من الفهم التصوري والتجريبي للقضايا والموضوعات في علم النفس المجتمعي. وتتضمن الموضوعات: تاريخ علم النفس المجتمعي، والضغوط والتدعيم الاجتماعي، والقمع والتدخل الاجتماعي، والوقاية الأولية وتعزيز الصحة، والمساعدة الذاتية، وهياكل الوساطة، والصحة العقلية المجتمعية، والأماكن البديلة، والتغير التنظيمي، والتنظيم المجتمعي والتطور المجتمعي .

PSY 330 علم النفس التنظيمي **(3-0-3)**
Prerequisite: PSY 300

مقدمة حول الدراسة العلمية للسلوك البشري في المواقع التنظيمية. وسوف تتضمن الموضوعات التي يتم تغطيتها: الأفراد في المنظمات (على سبيل المثال، الشخصية، والاتجاهات، والدافع)، والمجموعات في المنظمات (على سبيل المثال، العمل الجماعي، والقيادة، والصراع)، والمنظمات في حد ذاتها (على سبيل المثال، الثقافة التنظيمية، والمنظمات غير الربحية، والمنظمات غير الحكومية) .

PSY 340 علم النفس التربوى **(3-0-3)**
Prerequisite: PSY 300

تطبيق علم النفس في البيئات التعليمية، مع التطرق إلى موضوعات مثل التطور الاجتماعي والأخلاقي والمعرفي، ونظريات التعلم، والأساليب التعليمية الفعالة، والفروق الفردية والتقييم .

PSY 380 علم نفس النمائي2 : المراهقة والشباب (3-0-3)
Prerequisite: PSY 210

التطور البشري مع التركيز على نتائج الأبحاث والنظريات في النواحي الجسمية، والمعرفية، والشخصية والثقافية الاجتماعية في تطور المراهقين والشباب.

PSY 285 القياس والاختبار النفسي (3-0-3)
Prerequisite: PSY 200

نظرية، وطريقة وتطبيق الاختبارات والقياسات النفسية. وسيتعلم الطلاب كيفية إجراء وتقييم الاختبارات النفسية. وسيتم استعراض اختبارات قياسية للذكاء، والقدرات، والاهتمامات والشخصية، كما سيتم مناقشة المشكلات الأخلاقية في استخدام الاختبارات النفسية .

PSY 315 علم النفس الإكلينيكي (3-0-3)
Prerequisite: PSY 210

مسح شامل حول إجراءات ومصادر التشخيص والعلاج، والواجبات والمهارات المهنية لأخصائي علم النفس الإكلينيكي، وتاريخ علم النفس الإكلينيكي والمشكلات الحالية .

PSY 325 علم النفس البيئي والحركة (3-0-3)

Prerequisite: PSY 320

يوفر هذا المساق تبصر بالعلاقات ما بين علم النفس والبيئة. وينطوي التركيز الرئيسي في هذا المساق على الأبعاد البشرية في المشاكل البيئية (مثل التغير المناخي العالمي والتلوث ونقص المياه وفقد السلالات) وكذلك الإسهامات النظرية والتجريبية التي قام بها علم النفس والتي يستطيع القيام بها لمعالجة تلك المشاكل. ويتبنى هذا المساق منهج التعلم القائم على خدمة المجتمع ويتضمن خبرة تحديديه هامة. وسيقوم الطلاب بتطبيق نظريات ومبادئ مناهج نفسية مختلفة في سياق وضعهم في خدمة المجتمع مع مؤسسات بيئية محلية عديدة. وسيتم تشجيع الطلاب على نقل خبراتهم ومحتوى المساق بشكل حاسم باستخدام إطار العدالة البيئية. يتطلب المساق تحديد تعلم/مجال لخدمة المجتمع .

PSY 350 التدريب (3-0-3)
Prerequisite: ٨١ساعة معتمدة + معدل تراكمي ٢.٠ على الأقل أو أكثر

هذا التدريب الذي يتراوح بين 6 إلى 8 أسابيع يوفر للطلاب المؤهلين فرصة للحصول على اعتماد أكاديمي للتدريب المهني الخاضع للإشراف بالإضافة للحصول على خبرة في بيئة عمل فعلية. وهو استمرار للتفاعل الوظيفي بين الطالب والمشرف الوظيفي. ويتضمن التدريب عقد تعليمي واجتماعات دورية مع ممثلي الكلية وخبرة عملية و تقديم المواد على النحو المنصوص عليه في عقد التعلم .

PSY 385 نفس الأطفال والشباب والراشدين غير العاديين (3-0-3)
Prerequisite: PSY 260, PSY 380

الأشخاص ذوي الاحتياجات الخاصة ونموهم في محيط المجتمع. الوعي بالأفكار والمشاعر والطرح الفعال للتساؤلات وبناء النظريات وحل المشكلات وعلاقتها بالأفراد ذوي الاحتياجات الخاصة .

PSY 405 العقاقير والسلوك (3-0-3)
Prerequisite: PSY 285, PSY 315

يعتبر هذا المساق مقدمة لاستخدام العقاقير في المجتمع الحديث. وسيكون التركيز على العقاقير ذات التأثير النفسي بما في ذلك أدوية التعاطي (المنبهات - أدوية الاكتئاب - الأفيون - النيكوتين - الماريجوانا - المنشطات) وأدوية العلاج النفسي (مضادات الذهان - مثبتات المزاج - مضادات الاكتئاب - أدوية مزيلة للقلق). وسيتم استكشاف جوانب مختلفة من استخدام العقاقير بما فيها تأثيرها على المخ والسلوك، والعوامل النفسية والبيولوجية المسئولة عن استخدامها، وكذلك الجوانب الاجتماعية والثقافية والتاريخية والقانونية لاستخدام العقاقير. وسيتراوح المحتوى ما بين المبادئ العامة لاستخدام العقاقير وبين معلومات مركزة على فئات معينة من العقاقير .

PSY 415 علم النفس الاجتماعي التطبيقي (3-0-3)
Prerequisite: PSY 300

تطبيق مناهج علم النفس الاجتماعي، والنظريات والأبحاث في الموضوعات والمشكلات الاجتماعية المعاصرة في مجالات كالصحة والبيئة والقانون والعدالة الجنائية والصراع الاجتماعي وسلوك المستهلك ووسائل الإعلام والعلاقات الدولية .

PSY 425 علم النفس الصحة **(3-0-3)**
Prerequisite: PSY 260, PSY 300
يعتبر هذا المساق استبيان لكيفية إسهام النظريات ومناهج البحث النفسية في فهمنا للصحة والمرض. وسيتضمن المساق موضوعات متعددة مرتبطة بالصحة بما في ذلك نماذج للصحة والمرض والضغط وكيفية التعامل معه والأمراض المزمنة والمعدية وتعزيز الصحة .

PSY 499 مشروع التخرج **(3-0-3)**
Prerequisite: PSY 430

يختار الطلاب موضوع مناسب ويقوموا بتصميم وإجراء بحث بالإضافة إلى كتابة تقرير عن المشروع لإثبات الكفاءة في كل من المحتوى والطريقة المستخدمة. ويتقابل الطلاب بشكل منتظم كمجموعة مع المدرب وفردياً مع مشرفهم.

PSY 430 ورقة بحثية حول التعليم والتعلم **(3-0-3)**
Prerequisite: PSY 200, PSY 258, PSY 340

يختار الطلاب موضوع مناسب، ويقومون بتصميم وتنفيذ البحث، وكتابة ورقة بحثية توضح الكفاءة في المحتوى والطريقة في التعليم والتعلم. ويتقابل الطلاب بانتظام كمجموعة مع المحاضر، وبشكل فردي مع مرشد من أعضاء هيئة التدريس .

PSY 431 ورقة بحثية حول علم الأعصاب السلوكي والمعرفي **(3-0-3)**
Prerequisite: PSY 200, PSY 210, PSY 290

يختار الطلاب موضوع مناسب، ويقومون بتصميم وتنفيذ البحث، وكتابة ورقة بحثية توضح الكفاءة في المحتوى والطريقة. ويتقابل الطلاب بانتظام كمجموعة مع المحاضر، وبشكل فردي مع مرشد من أعضاء هيئة التدريس.

ENV 201 مبادئ البيئية **(3-0-3)**
Prerequisite: لا يوجد

يقدم هذا المساق للطلاب مجموعة من العلوم البيئية عن طبيعة الدراسات البيئية تتضمن مجموعة من الموضوعات التالية : الأثر البيئى ، التنوع البيولوجى ، تلوث الهواء والماء ، إنتاج الطعان ، مصادر التربة ، تآكل التربة ، الطاقة ، النفايات المنزلية والنفايات الخطرة ، تزايد التلوث ، الأخلاق والسياسة . وقد تم مناقشة طرق التحكم ومنع التلوث فى إطار من الياقات العامة المستدامة .

ENV 302 علم الأحياء الدقيقة البيئي **(3-2-2)**
Prerequisite: ENV 201

يغطي هذا المساق جوانب أساسية في علم الأحياء الدقيقة فيما يتعلق بالصحة البيئية. وتتيح جلسات المختبر للطلاب فهم أفضل لبنية، وفسيولوجيا وتنوع الكائنات الدقيقة. وتتضمن الموضوعات: المجهر، وبنية الخلية والتصنيف، وتنوع الكائنات الدقيقة، والفسيولوجيا الميكروبية وعلم الوراثة، والكيمياء الحيوية، والتحكم في النمو الميكروبي في المختبر، واستخدام العوامل المضادة للميكروبات، والبيئة الميكروبية، وميكروبيولوجيا الغذاء والأمراض الميكروبية الرئيسية لدى البشر، والأمراض الطفيلية الرئيسية لدى البشر.

ENV 308 الصحة البيئية المجتمعية **(3-0-3)**
Prerequisite: ENV 201

يتناول هذا المساق الصحة العامة ومباديء إدارة المشكلات المجتمعية المتعلقة بالتخلص من النفايات، ومكافحة ناقلات الأمراض، وحماية الأطعمة والألبان، وحمامات السباحة، وأنشطة التجديد. وتشمل الموضوعات: العائد المستدام والعلاج الطبيعي، والمرض المتكبد بيئيًا، والأمراض حيوانية المنشأ، والحشرات وغيرها من الآفات، وإدارة الآفات المتكاملة، وجودة الغذاء وعلم الأحياء الدقيقة، وصحة الغذاء، وقضايا الأمن الحيوي للغذاء، وإدارة النفايات الصلبة، ومرافق التجديد، ومنتجات الألبان.

PSY 205 تاريخ علم النفس **(3-0-3)**
Prerequisite: PSY 201, GED 150

الأسلوب المعرفي لعمليات النفسية مثل الإدراك، والانتباه، والذاكرة، واللغة، والتفكير وحل المشكلات. ويكون التركيز على النظريات والدراسات التجريبية ضمن المجال المعرفي لمعالجة المعلومات البشرية.

PSY 275 علم النفس الإيجابي **(3-0-3)**
Prerequisite: PSY 102, GED 150

وهو نهج معرفي للعمليات النفسية مثل الإدراك والانتباه والذاكرة واللغة والتفكير وحل المشكلات. ويكون ذلك من خلال التركيز على النظريات والدراسات التجريبية داخل المجال المعرفي لمعالجة المعلومات البشرية.

SOC 100 مقدمة في علم الاجتماع **(3-0-3)**
Prerequisite: لا يوجد

يتناول هذا المقرر التعريف بعلم الإجتماع ونشاته، وأغراضه ومجالاته، وعلاقة علم الاجتماع بالعلوم الأخري، وطبيعة الفكر الاجتماعي عند الرواد مثل افلاطون وابن خلدون واوجست كونت وإيميل دور كيم والنظريات الحديثة، ومعرفة النظم الإجتماعية وخاصة النظام العائلى والبناء المنهجي لعلم الاجتماع ومناهج البحث فيه. كما يتناول المساق دراسة الواقع الاجتماعي وظواهره الاجتماعية والتغير الاجتماعي ومشكلاته وقضاياه.

SOC 105 مقدمة في علم الانثروبولوجيا **(3-0-3)**
Prerequisite: لا يوجد

يهدف المساق الى تعريف الطالب بعلم الأنثروبولوجيا العامة ، والمفاهيم الأساسية لهذا العلم، وتطوره التاريخي والمراحل التي مر بها، كما يناقش هذا العلم الفروع الرئيسية الأخرى كعلم الأنثروبولوجيا الإجتماعية والثقافية والطبيعية والموضوعات الحديثة مثل الأنثروبولوجيا التطبيقية والطبية واللغوية والحضرية وأنثربولوجيا الجسد والأنثربولوجيا المرئية، مع تحليل خصائص وموضوعات كل فرع منها. والدراسات الحقلية القديمة والحديثة.

SOC 110 مقدمة في الخدمة الاجتماعية **(3-0-3)**
Prerequisite: SOC 100

يهدف هذا المساق الى تعريف الطالب بمفهوم الخدمة الاجتماعية (خدمة الفرد، الجماعة، المجالات، وتنظيم المجتمع والتخطيط الاجتماعي) وظروف نشأة الخدمة الإجتماعية وتطورها، وكذلك التعرف على طبيعة الخدمة الإجتماعية وفلسفتها والمقومات المهنية للخدمة الإجتماعية، وطرق الخدمة الإجتماعية وتكاملها مع التركيز على ميادين الممارسة المهنية للخدمة الإجتماعية.

SOC 115 مناهج وتصميم البحوث الإجتماعية **(2-2-3)**
Prerequisite: لا يوجد
يهدف هذا المساق إلى تقديم وصف دقيق لمنهجية البحث الاجتماعي، فيتناول موضوع علم الاجتماع والمشكلات الخاصة بالعلوم الإجتماعية، ومراحل إعداد مشروع البحث الاجتماعي ممثلة في : التخطيط لمشروع البحث، وإجراءات تصميم البحث، وجمع البيانات وتحليلها، وكتابة تقرير البحث، والمعاينة في البحث الاجتماعي.

SOC 205 علم الاجتماع الحضري **(3-0-3)**
Prerequisite: لا يوجد
يهدف المساق إلى تعريف الطالب بالمعارف والمهارات اللازمة في علم الاجتماع الحضري، وأشكال السلوك الجماعي، وتقنيات التعاون بين الأفراد والجماعات الحضرية. كما يلقي الضوء حول سلوك المجتمع في المدن. ويشتمل على مفهوم علم الاجتماع الحضري. وتعريفاته، مجالاته، ونشأته، والنظريات والسمات والخصائص به، والقضايا الأساسية فيه.

SOC 210 مشكلات اجتماعية **(3-0-3)**
Prerequisite: SOC 110

يتناول المساق تعريف المشكلة الإجتماعية ومراحل تطوريها وتصنيفها وخصائصها. كما يهدف المساق الى دور علم الاجتماع في دراسة المشكلات الإجتماعية والمداخل النظرية لدراسة المشكلة الإجتماعية بالاضافة الى تناول المساق طرق ودراسة المشكلات الإجتماعية ونماذج لدراسة المشكلات الإجتماعية.

SOC 215 علم الاجتماع التربوي **(2-2-3)**
Prerequisite: لا يوجد

يتناول هذا المساق مفهوم علم الاجتماع التربوي ونشأته وتطوره، وأهدافه ومجالاته، والمجتمع وأنواعه، والنظام الاجتماعي وخصائصه وأشكاله، والظواهر والعمليات الإجتماعية، ومفهوم التنشئة الإجتماعية ،وأهدافها، وأسسها ،وخصائصها، وأشكالها ومراحلها.ويعرض لمفهوم المدرسة ووظائفها العامة، والتنشئة الإجتماعية في مجتمع المدرسة، وخصائص المدرسة وأدوارها في التنشئة الإجتماعية.

SOC 220 علم اجتماع السكان **(3-0-3)**
Prerequisite: لا يوجد

يهدف هذا المساق إلى وصف التركيبة السكانية، والمتغيرات الديموغرافية وغيرها من الخصائص الديموغرافية التحليلية للمجتمع، مع تركيز خاص على الاتجاهات والفوارق السكانية من حيث : العمر والجنس توزيع السكان، الخصوبة، الوفيات، الزيادة الطبيعية للسكان

والهجرة. كما يهدف المساق الى التركيز على نظرية علم اجتماع السكان، ومنهج البحث في هذا العلم، ونماذج التحليل السكاني، والنظم الإجتماعية، والخصوبة والبناء الاجتماعي، والهجرة ودور الأسرة، والوفيات والطبقات الإجتماعية، والسياسة السكانية، و السكان والتنمية ويشمل والعلاقات المتداخلة بين السكان والتنمية، وبناء السكان وتغير السكان والبطالة.

SOC 230 علم الاجتماع وقضايا البيئة **(3-0-3)**
Prerequisite: لا يوجد

يتناول هذا المساق المفاهيم المتعلقة بالبيئة، وعلاقة الإنسان بالبيئة الطبيعية بكل جوانبها، وعناصر النسق الإيكولوجي.والتأثير المتبادل بين الإيكولوجيا والنظم الإجتماعية.وتفاعلها مع بعض النظريات الإيكولوجية النظرية الحتمية البيئية وأهم العلاقة بين التغير الاجتماعي والتطور الصناعي والبيئة.

SOC 240 علم الاجتماع الجنائي **(2-2-3)**
Prerequisite: لا يوجد

يتناول هذا المساق التعريف بعلم الاجتماع الجنائي واهم النظريات المفسرة لظاهرة الجريمة والعوامل الإجتماعية المؤدية اليها وطرق الوقاية منها. تحليل وتفسير الدوافع والعوامل المؤدية إلى السلوك الإجرامي أو المشجعة له، ويحدد العناصر الإجتماعية والبيئية أو الوراثية والأسباب التي تسهم في الجنوح وفي ارتكاب الجرائم على اختلاف أنواعها في المجتمع.

SOC 250 الإحصاء الاجتماعي **(3-2-2)**
Prerequisite: MTH 195

يعتبر مساق الإحصاء الاجتماعي أساسي لدعم نتائج الدراسات التطبيقية في العلوم الاجتماعية بأدلة علمية موثقة باستعمال الأدوات الاحصائية المتقدمة في تحليل البيانات والتي تطبق على مختلف أنواع البيانات المستعملة في العلوم الاجتماعية بكسب مهارات في الطرق الاحصائية وتفسير نتائج البحوث المتحصل عليها. بعد مراجعة المبادي الاحصائية للاحصاء، يتضمن المساق موضوعات في تصميم استبيانات وتبويب البيانات، وتطبيق طرق الاحصائية المستعملة في اختبارات الفرضية، ولقيام بمقارنة البيانات باستعمال جداول الإستقلالية، تحليل التباين، اختبار ت والارتباط والانحدار.

SOC 315 علم اجتماع ومشكلات الأسرة **(3-0-3)**
Prerequisite: SOC 100

يهدف هذا المساق إلى دراسة الأسرة باعتبارها الخلية الأولى في المجتمع، وما يتصل بها من ظواهر ونظم اجتماعية. كما يدرس أشكال الأسرة وخصائصها ووظائفها وأنواعها وتطورها عبر الزمن، مع دراسة أثر التغيرات الإجتماعية والسياسية والاقتصادية على الأسرة وعلاقات أفرادها ونظم القرابة والزواج وغير ذلك من أمور تتعلق بصحة الأسرة والمجتمع.

SOC 320 علم اجتماع الطفولة **(3-0-3)**
Prerequisite: SOC 315

يهدف هذا المساق الى تعريف الطالب بماهية الطفولة , ومن هو الطفل؟ والاتجاهات النظرية لدراسة الطفولة وطرق دراسة الطفل, كما يتطرق الى دراسة التنشئة الاجتماعية للطفل ووكالات التنشئة الاجتماعية ودور الوالدين في مواجهة مشاكل الطفولة. كما يهدف المساق إلى تناول اهم القضايا والمشكلات الخاصة بالطفل كحقوق الطفل, والعنف ضد الأطفال وعمالة الاطفال , وأطفال الشوارع وإعاقة الطفل, بالإضافة الى التعرف على الدور الذي تلعبه بعض المنظمات الدولية والإقليمية والمحلية الخاصة بالطفولة.

SOC 325 علم اجتماع العمل والسلوك التنظيمي **(3-0-3)**
Prerequisite: SOC 200

يهدف المساق الى دراسة الجوانب الإجتماعية للعمل. وتشمل موضوعات المساق ثلاثة مواضيع رئيسية هي: التنظيم الاجتماعي للعمل، واتجاهات العمل الحالية، وعدم المساواة في العمل. كما يهدف المساق الى دراسة التغيرات في الجوانب الإجتماعية للعمل بالإضافة إلى أنواع العمل المختلفة والعلاقات بينها.

SOC 340 علم الاجتماع القانوني **(3-0-3)**
Prerequisite: SOC 240

يتناول هذا المساق القانون والهيكل القانوني في السياق الاجتماعي. وتشمل موضوعات المساق المناهج النظرية للقانون، وجهات النظر التاريخية عن أصول القانون؛ العقلانية والجزاءات القانونية ؛ صنع القرار وفق المعايير والأخلاق؛ الجريمة والانحراف، و"القانون في العمل" مقابل "القانون في الكتب؛" أدوار المحامين، والقضاة، وهيئات المحلفين، والقانون والتغير الاجتماعي مع التركيز بشكل خاص على حركة الحقوق المدنية.

SOC 345 مهارات الممارسة الاجتماعية **(2-2-3)**

Prerequisite: لا يوجد

يهدف هذا المساق إلى تعريف الطلبة بمهارات التربية الإجتماعية وإكسابهم القدرة على تنميتها لدى الأطفال كما يتناول تعريف الطلبة بمعنى المهارة وأهميتها ومكوناتها والأمور الواجب مراعاتها لاكتسابهما، بالإضافة إلى مهارات العمل الفردي والمشاركة والإجتماعية والحوار وكسب الأصدقاء والسلوك السوي ومهارات قراءة وتحليل الصور والأشكال

SOC 350 علم النفس الاجتماعي (3-0-3)
Prerequisite: لا يوجد

يهدف هذا المساق الى تعريف الطالب بالسلوك الاجتماعي للفرد والجماعة, كاستجابات لمثيرات اجتماعية. كما يهدف المساق الى تعريف الطالب بالظواهر التي يخضعها علماء النفس الاجتماعي للبحث في المجالات الرئيسية لهذا الميدان والمتمثلة في التأثير الاجتماعي، والمعرفة والإدراك الاجتماعيين وما يكتنفها من عمليات تتصل بإدراك الذات وإدراك الآخرين، والعلاقات بين الأشخاص. ويتضمن المساق تعريفاً بتطبيقات علم النفس الاجتماعي في الحياة اليومية.

SOC 355 التوجيه والإرشاد النفسي والاجتماعي (3-0-3)
Prerequisite: لا يوجد

يتناول هذه المساق مفهوم الإرشاد والتوجيه وتطوره أهدافه، مجالاته، العملية الإرشادية والمبادئ الاخلاقية والاسس العملية وكما سيتناول اساليب المشكلات وخطوات عملية الإرشاد النفسي كما يتناول مواصفات المرشد التربوي ودوره والتزاماته.

SOC 360 إدارة المؤسسات الاجتماعية (2-2-3)
Prerequisite: SOC 325

يهدف هذا المساق إلى تعريف الطالب بمناهج المؤسسات الإجتماعية وأساليبها التي تختلف عن إدارة المؤسسات الاقتصادية، وتأكيد فلسفة الرعاية الإجتماعية التي تعتمد على المجهود الحكومي الرسمي والنشاط الأهلي التطوعي، وكيفية استخدام الادارة في المؤسسات الإجتماعية وكيفية اكتسابة الهوية المهنية في مجال علم الاجتماع والمحافظة عليها.

SOC 400 تخطيط وتنفيذ مشروعات التنمية المجتمعية (3-0-3)
Prerequisite: لا يوجد

يتناول المساق تعريف بخطوات تخطيط وتنفيذ مشروعات التنمية المجتمعية. كما يهدف المساق الى التعرف دور علم الاجتماع في دراسة مشروعات التنمية من أجل حل المشكلات الإجتماعية والمداخل النظرية لدراسة المشكلة الإجتماعية بالاضافة الى تناول المساق طرق ونماذج التخطيط والتنفيذ لمشروعات التنمية المجتمعية.

SOC 405 الحماية الاجتماعية للفئات الأولى بالرعاية (2-2-3)
Prerequisite: لا يوجد

يهدف هذا المساق إلى تقديم وصف دقيق للفئات الاجتماعية الأولي بالرعاية، والتعرف علي اساسيات الحماية الاجتماعية لهذه الفئات، وتوضيح ميادين ومجالات الحماية الاجتماعية لهذه الفئات وأهم التشريعات والقوانين التي تحمي هذه الفئات، ومعرفة أهم نماذج ونظريات الممارسة المهنية لعلم الاجتماع في العمل مع هذه الفئات.

SOC 410 علم الاجتماع الرقمي (3-0-3)
Prerequisite: لا يوجد

يهدف هذا المساق إلى وصف مجتمع المعرفة الرقمي والتعرف علي متطلبات التعامل مع المجتمع الرقمي، وادراك المشكلات الاخلاقية والاجتماعية الناتجة عن استخدام المجتمع الرقمي. وأهم مستلزمات التحول نحو المجتمع الرقمي والحكومة الإلكترونية.

SOC 425 الأبعاد الاجتماعية والنفسية للتطرف (3-0-3)
Prerequisite: لا يوجد

يتناول هذا المساق التعريف بالابعاد الاجتماعية والنفسية للتطرف الفكري والارهاب ، واهم النظريات المفسرة لظاهرة الارهاب والتطرف الفكري والعوامل الإجتماعية المؤدية اليها وطرق الوقاية منها. وتحليل وتفسير الدوافع والعوامل المؤدية إلى التطرف أو المشجعة له، ويحدد الاستراتيجيات الوقائية والعلاجية لمواجهة التطرف.

SOC 430 حلقة بحث (سمنار) في مجال الاجتماع التطبيقي (2-2-3)
Prerequisite: فصل التخرج

تعريف الطلاب على نطاق أوسع مع المنهجية لاختيار الموضوع ، وأيضا للسماح لهم للتفاعل مع نماذج من المشاكل العملية التي تحدث دائما أثناء العمل البحثي. هو أساسا مكان القراءات المسندة تمت مناقشتها ، ويمكن أن يثير تساؤلات ومناقشات يمكن أن تجرى بالمقارنة مع النظام محاضرة للتعليم الأكاديمي. كما يهدف المساق الى اختيار موضوع يتم بحثه بمعرفة باحثين تحت إشراف أستاذ، وهى بمثابة منتدى يأخذ الصورة التعليمية الأكاديمية لأستاذ وطلابه وقد تتم ليوم واحد أو بشكل دورى وعلى فترات محددة.

SOC 435 التدريب الميداني (3-0-3)
Prerequisite: استكمال 90 ساعة معتمدة

يهدف هذا المساق على الإشراف والمتابعة للطالب المتدرب بعد توفير الأماكن الضرورية ذات العلاقة بالتخصص والتي تتيح للطلبة تطبيق مهاراتهم الأساسية الذي اكتسبوها خلال دراستهم للبرنامج تطبيقا عمليا في المؤسسات المجتمعية، مثل(إدارة المؤسسات العقابية، والقضائية والتعليمية والصحية ورعاية الأسرة ومراكز رعاية ذوي الاحتياجات الخاصة ورعاية الأحداث ،وغيرها من المؤسسات الإجتماعية). حيث يقومون بإجراء البحوث والمسوحات الإجتماعية وتصميم الأدوات المناسبة لعملهم في مساعدة من هم في هذه المؤسسات على التكيف الاجتماعي، كما يقومون بتقييم المشاريع الإجتماعية،والمساهمة في ورسم السياسات الإجتماعية والتخطيط للمساعدة وتقديم الاستشارات الإجتماعية، ويحقق التدريب جوانب الثقة للطلبة على تطبيق المعرفة والمهارات التخصصية عند ممارستهم للعمل الميداني في المؤسسات الإجتماعية، ويتلقى الطلبة فيها إرشاداً فردياً وجماعياً كل هذا وفق برنامج معين يضعه القسم بالتعاون مع المؤسسات الإجتماعية العاملة في المجتمع الإماراتي عموما وإمارة أبوظبي على وجه الخصوص لأغراض التدريب وتطبيق مهاراتهم ومعارفهم المتقدمة التي اكتسبوها خلال دراستهم للبرنامج بحيث تؤهلهم للعمل بعد التخرج. ويتم توزيع الطلبة المتدربين بموجبه على هذه المؤسسات تحت إشراف أعضاء هيئة التدريس بالقسم مع تكليفهم بكتابة تقارير يومية وأسبوعية يتضمنها ملف انجاز كامل عن التدريب في نهاية برنامج التدريب.

SOC 440 مشروع التخرج في علم الاجتماع (3-0-3)
Prerequisite: SOC 115 , SOC 210

يهدف هذا المساق الى تطبيق الطالب للجوانب المعرفية لمناهج البحث الاجتماعي التي تمكنه من إنجاز مشروع التخرج في علم الاجتماع او الخدمة الإجتماعية أو الاجتماع التطبيقي بحيث يستخدم فيه المعارف النظرية ومهاراته العملية التى اكتسبها خلال البرنامج ليقدم مشروعا تطبيقيا من اختياره. كما يحاول تطبيق مناهج البحث الاجتماعي، باستخدام برنامج الحزمة الإحصائية للعلوم الإجتماعية المناسبة.

APS 405 قضايا معاصرة في علم الاجتماع (3-0-3)
Prerequisite: SOC 105

يتناول هذا المساق كل ما هو جديد في علم الاجتماع التطبيقي. ويشمل مناقشة الأبحاث والنشرات الحديثة في مجال علم الاجتماع التطبيقي. كما يعبر المساق عن وجهات النظر السوسيولوجية المعاصرة وخاصة على النظريات الأكثر شمولاً وانتشاراً في علم الاجتماع والمجال النفسي والاجتماعي وإظهار نقاط التشابة والاختلاف بين هذه النظريات والمجالات التي يمكن تطبيقها فيها.

APS 410 الخدمة الاجتماعية المدرسية (3-0-3)
Prerequisite: لا يوجد

يهدف هذا المساق الى تعريف الطالب بنشأة وتطور الخدمة الإجتماعية المدرسية، والدور الاجتماعي للمدرسة، واحتياجات الطلاب والعوامل المؤثرة فيها، ومشكلات الطلاب بانواعها.

APS 415 علم الاجتماع الطبي (2-2-3)
Prerequisite: لا يوجد

يقدم هذا المساق المفاهيم الأساسية لعلم الاجتماع الطبي ويؤكد على كيفية ارتباطها ببعضها البعض وأثر هذا الارتباط بالصحة الاجتماعية للإنسان. وتشتمل موضوعات المساق على نشأة وتطور علم الاجتماع في المجال الطبي، السلوك الصحى، والنظريات المفسرة للمرض، المشكلات الاجتماعية المترتبة علي اصابة الانسان بالامراض ، مفهوم المرض ومراحل حدوثه، العدوى والأمراض غير المعدية، والصحة البيئية، مواقف تطبيقية لممارسة علم الاجتماع مع بعض الامراض.

APS 420 دراسات النوع الاجتماعي (3-0-3)
Prerequisite: لا يوجد

يهدف هذا المساق إلى النوع الاجتماعي والتعرف علي أسسه واحتياجاته، وأهم أدوار النوع الاجتماعي، ومتطلبات ادماج النوع الاجتماعي، والتعرف علي السياسات الدولية وأليات النوع الاجتماعي ، يصف معوقات تحقيق العدالة في النوع الاجتماعي.

APS 425 السياحة والمجتمع (3-0-3)
Prerequisite: لا يوجد

يهدف هذا المساق الى دراسة الظاهرة السياحية والمجتمع السياحي وما يتعلق بهما من ظواهر ومشكلات وعلاقات وخدمات و تفاعلات... الخ. كما يهدف المساق الى تعريف الطالب بأهمية السياحة والالمام بمفاهيم السياحة تبعا للأبعاد الاقتصادية والنفسانية والسياسية والإجتماعية.

APS 440 علم اجتماع الإدمان **(3-0-3)**
Prerequisite: APS 430

يهدف هذا المساق إلى تعريف مفهوم الإدمان كمشكلة اجتماعية معاصرة، ويتناول أسبابه، والعوامل الاجتماعية المساعدة التي تتعلق بنمط حياة الفرد وطبيعة البيئة التي ينشأ فيها والمجتمع المحيط وطبيعة العلاقات الاجتماعية والثقافة السائدة. كما يركز المساق على النظريات التي تفسر الادمان ويتعرض لأشكاله وأعراضه ومضاعفاته على الفرد والأسرة والمجتمع، وطرق علاجه والتعامل معه. كما يركز المساق على توظيف الطلاب للمهارات التي اكتسبوها في تخصص علم الاجتماع التطبيقي في معالجة الإدمان بكافة أشكاله ومظاهره.

APS 445 علم الاجتماع الاقتصادي **(3-0-3)**
Prerequisite: لا يوجد

يهدف هذا المساق الى تعريف الطالب بنظريات الاقتصاد الاجتماعي وأنواعه ، وادراك أهداف السياسة الاقتصادية وعلاقتها بعلم الاجتماع ، والتعرف علي المشكلات الاقتصادية وتأثيرها علي السلوك الانساني في المجتمع، ومعرفة تأثير الاوضاع والظروف الاقتصادية في المجتمع علي المشكلات الاجتماعية.

APS 450 دراسات الثقافة والتراث **(3-0-3)**
Prerequisite: لا يوجد

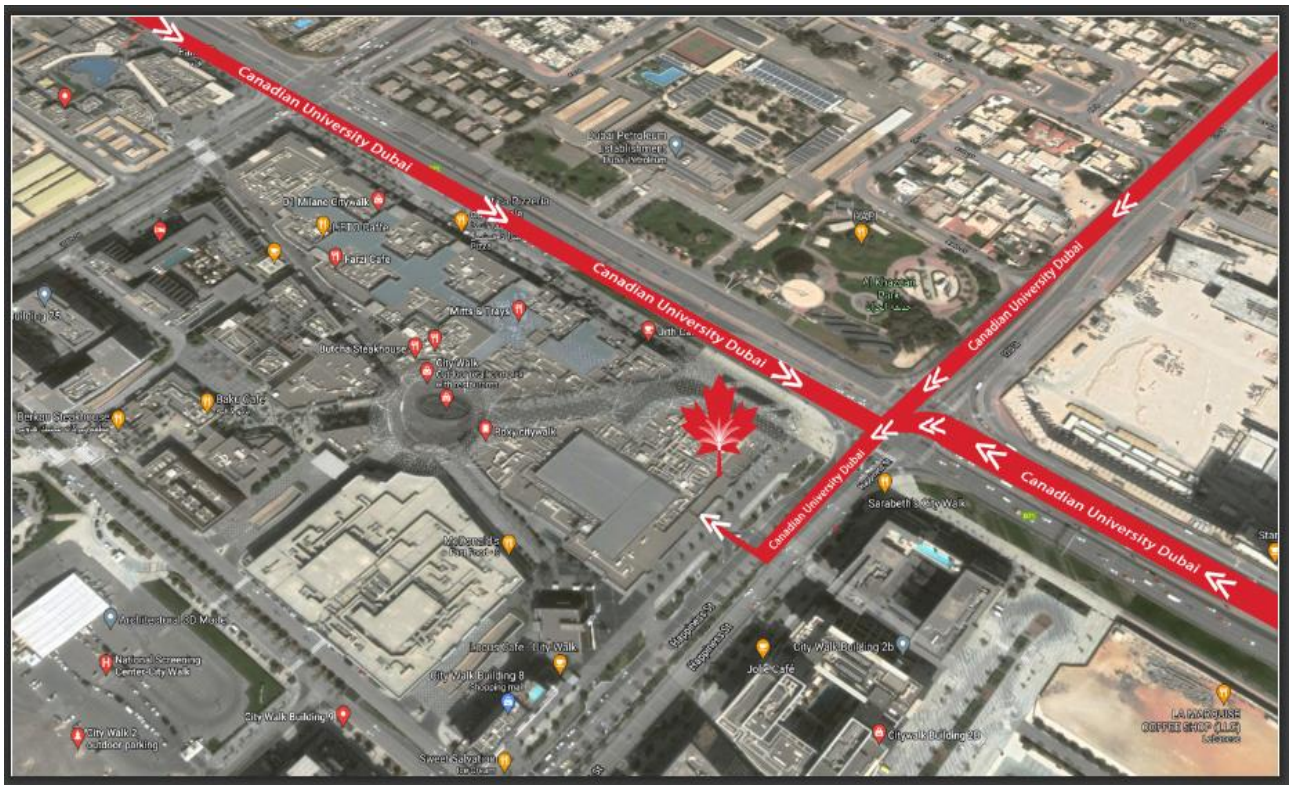
يهدف هذا المساق الى تعريف التراث وأنواعه (المعتقدات الشعبية، العادات والتقاليد، الأدب الشعبي وفنون المحاكاة، والحرف الشعبية). كما يهدف المساق الى الإلمام بنظريات الثقافة الشعبية في مجتمعات الخليج العربي. كما يهدف المساق الى التعريف بدور الثقافة الشعبية في تعزيز الهوية والانتماء الوطني، التعايش والتنوع الثقافي والتبادل بين الثقافة الشعبية والثقافة الحديثة.

Glossary

1. Academic Integrity	Refers to moral behaviors and principles upholding the academic values in terms of respect, honesty, compliance, responsibility and accountability.
2. Academic Responsibility	Refers to the students' academic responsibilities to espouse the academic standards in performance as established for the programs of interest.
3. Academic Violation	Refers to unethical actions for example plagiarism, cheating on examination, fabrication of information and Information and Communication Technology misuse.
4. Academic year	This is the period devoted to teaching which is determined according to the academic calendar.
5. Advisor	Faculty member called 'Advisor' assigned to counsel student, called the 'Advisee' on academic matters.
6. Alumni	Students who have studied in and graduated from Canadian University Dubai.
7. Concentration	Concentrations are best thought of as a grouping of courses which represent a sub-specialization taken within the major field of study. For example, a student majoring in biology might have a concentration in genetics, or a student in electrical engineering may have a concentration in telecommunications or instrumentation and control. A concentration may be specified on the diploma or in the student's academic record (transcript).
8. Courses	This is a program of study presented in lectures or other classes with a fixed number of contact hours per week throughout the semester. Each course is given a title and ID number and is related to other course within an integrated curriculum.
9. Credit Hour (CH.)	The academic credit provides a basis to measure the amount of engaged learning time expected of a typical student. A credit, or credit hour, is a unit of measurement defining the student's overall effort towards attaining a qualification. One semester credit equals approximately 1 hour of time in class per week over a semester of 15 weeks or longer. For laboratory or studio-based courses, the allocation of credit differs; 1 semester credit normally is given for two hours of laboratory or studio time per week over a 15-week semester.
10. Curriculum	This is a full description for the program. It consists of: • A syllabus of integrated courses that must be passed to fulfill the requirements of the program. • A practical training period which is integrated into the curriculum.
11. Department	The term department may refer to a unit within a university.
12. Double Concentration	Refers to registration of two concentrations within a program in compliance to its admission policy and guidelines and fulfilling the degree requirement.
13. Major	The major is the field of study in which a student specializes at the baccalaureate level. The term is not typically used in qualifications below the baccalaureate and is only occasionally used in graduate programs. The major usually requires that a student complete a minimum of 30 semester credits (or equivalent) in the subject area. To earn a double major, a student must meet the subject-area requirements of each of the two majors. Typically, a student receiving a degree with a major will be issued a diploma that includes the name of the major: for instance, Bachelor of Arts in History or Bachelor of Science in Biology.
14. Minor	A secondary field of study requiring certain credit hours depending on the academic program of interest

15. New and Returning Students	New students refer to those registering for the first time in Canadian University Dubai whereas the retuning students are those who have studied in previous semesters and return to register in the following semester.
16. Prerequisite Course	This refers to the course that must be passed by the student before being allowed to register in another course.
17. School	May refer to an educational institution that offers education at a secondary or lower level, such as the British School or the Indian School
18. Semester	This is a teaching period lasting for fifteen weeks excluding the examination period
19. Student Exchange	Student studying from foreign institution and allowed to take courses in Canadian University Dubai within the approved academic duration based on the student exchange program agreement
20. Student ID Card	Canadian University Dubai Students identification card providing and managing access to university facilities and services
21. Transfer Credit	It is a term used for the procedure of granting credit to a student for courses undertaken at another institution prior admission to Canadian University Dubai.
22. University	A large, diverse institution of higher education and research that offers both undergraduate and Masters degrees. Universities are typically composed of a number of Schools, Colleges or Departments devoted to the study of closely related disciplines or a single discipline, such as School of Architecture & Interior Design or Faculty of Communication, Arts and Sciences (FCAS).

University Campus and Map Location



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