



**CANADIAN  
UNIVERSITY DUBAI**

Your portal to Canadian education

**University Catalogue  
2022/2023**

| <b>Issuance Date</b> | <b>Revision Date</b> | <b>Approval Date</b> |
|----------------------|----------------------|----------------------|
| May 2007             | July 2022            | August 2022          |

**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**

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# **Message from the Chancellor & the 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 السيد: بطي سعيد الكندي**

**رئيس الجامعة ورئيس مجلس الأمناء.**

**والبروفيسور: كريم شلّي مدير الجامعة**

**ونائب رئيس الجامعة.**

إنه لمن دواعي سرورنا البالغ تعريفكم بالجامعة الكندية -  
دبي.

إن التعليم هو رحلة شيقة 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 عالي الجودة، من سماته إنتاج مخرجات تعليمية واضحة، حيث إن التعليم الكندي يتتصف بالالتزام والتعاون والمشاركة والتنوع.

وقد تم تأسيس علاقات وشراكات علمية بين الجامعة الكندية دبي وأبرز الجامعات العلمية الكندية، مما يخول 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 تميزت باحتضان أناسٍ من معظم جنسيات العالم، فإن الجامعة الكندية دبي تفتخر بتتنوع بيئتها التعليمية، حيث وفد إليها الطلاب من أكثر من تسعين جنسية، يشتغلون في الاستفادة من التميز والرقي، من خلال ما توفره الجامعة لهم من المهارات العلمية والمعرفية، والخبرات الثقافية، التي تلهم العقول وتغير 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 الأكademie والشخصية الطامحين للوصول لها هنا في الجامعة الكندية دبي.

# Welcome to Canadian University Dubai

Canadian University Dubai 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 the 1<sup>st</sup> of August 2006 by the United Arab Emirates Ministry of Education – Higher Education Affairs to award degrees/qualifications in higher education.

# **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 UAE's Ministry of Education – Higher Education Affairs.

## **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.

# **Mission and Vision**

## **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.

## **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.

## **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 and excellence.

#### **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 learning organization and the satisfaction of students and staff with the performance of the University.
- 1.3.** To use systematic planning, based on evidence, to develop the University both operationally and strategically.

### **Goal 2:**

To adopt and show the enthusiasm and contribution of all staff and students and to support the ambitions of all by providing them with both academic excellence and the practical experience required for career success.

#### **Objectives:**

- 2.1.** To provide for excellence in teaching as measured by student and peer evaluation.
- 2.2.** To provide opportunities, where relevant, for job placements for projects and other activities.
- 2.3.** To engage the business, government and not for profit organizations within Dubai with the work of the University.

### **Goal 3:**

To generate an atmosphere of dignity and mutual respect while encouraging scholarly debate and applied research.

#### **Objectives:**

- 3.1.** To develop a focused Research Centre which conducts applied research and engages both staff and students 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 to the region.
- 3.3.** To develop, with students and staff, a code of conduct that is honored and respected in the day to day work of the University.

### **Goal 4:**

To accept accountability and value the input of all stakeholders particularly in our operation as a portal to Canadian education, and so make CUD the University of Choice in our target market and simultaneously an employer of choice for all academic, management and support staff.

#### **Objectives:**

- 4.1.** To have a clear strategy for collaboration and co-operation with Canadian Post-Secondary educational institutions and to develop collaborative agreements which reflect this strategy.
- 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.
- 4.3.** To continue to grow the base of programs and student numbers so as to fulfill the mission and deliver to the strategic plan of the University.

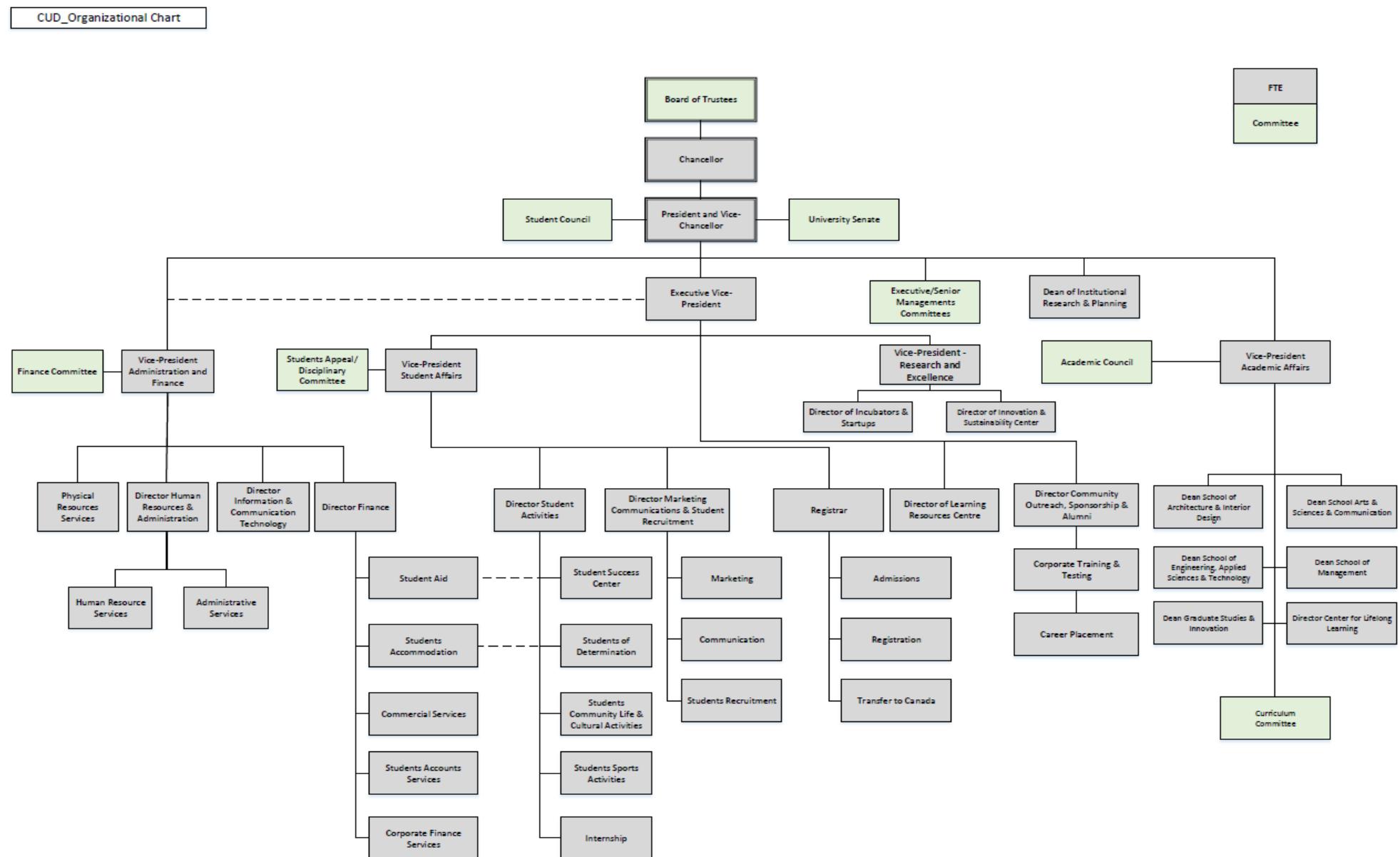
### **Goal 5:**

To account for the needs of all internal and external stakeholders by securing sufficient and relevant resources that are available for the achievement of all strategic and operational goals, thus enhancing the sovereignty of the University as an independent institution of higher education.

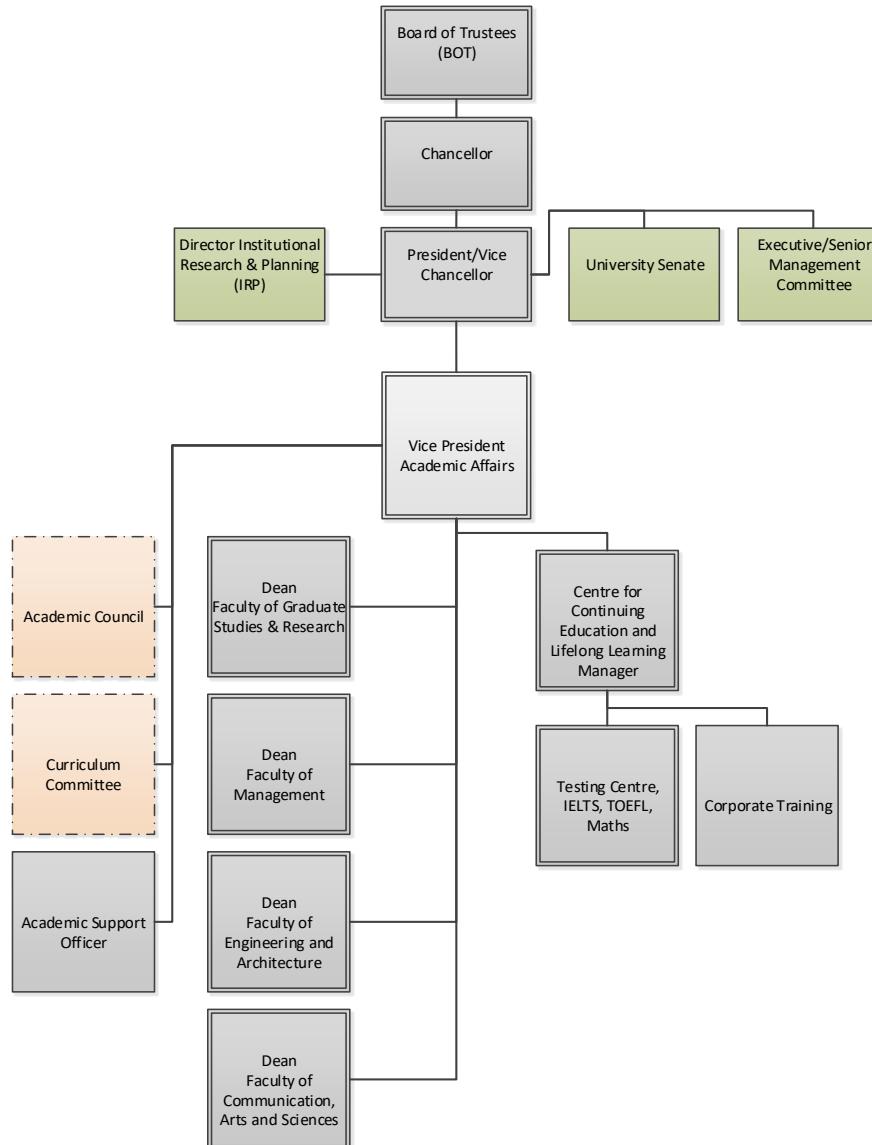
#### **Objectives:**

- 5.1.** To undertake systematic resource planning for teaching requirements, space requirements, library and student service requirements and for information technology and to use these plans as a basis for budget development and strategic planning.
- 5.2.** To seek to secure our status as a self-financing organization at the earliest opportunity, using new investments for expansion and development.

# Canadian University Dubai Organizational Chart



## Academic Organizational Chart



## **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.

### **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.

#### **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.

#### **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.

#### **Students Lounge**

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

#### **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.

## **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.

### Nurse Roles:

- ② Provide first aid and medical care for minor acute illness and injuries
- ② Advocate for health and wellbeing of the CUD community
- ② Health promotion, education, early detection, and intervention
- ② Providing high-quality care by establishing rapport
- ② Providing comprehensive care, by being health counselor to students, staff, and faculty

### 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 counselor is available at Canadian University Dubai to provide support and guidance for students experiencing stress, conflicts, and other personal problems.

### 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.

### 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.

## **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.

## **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.

## **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.

## **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.

## **Student Transportation**

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

- AED 2,200 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.

## **Admission Policies**

### **Undergraduate Admission Policy**

#### **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.

#### **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 test that is internationally, recognized testthat is approved by the Ministry of Education in the UAE.

**Note:** Students who would like to enrol 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 test 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 test 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

### **Arabic Language Proficiency Requirement**

Admission to Programs offered in Arabic Language requires a minimum score of 1000 in Emsat Arabic Language test.

### **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 program of Communication or BA program 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.

### **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.

## **Program Specific Admission Requirements**

### **Programs offered by Faculty of Engineering, Applied Science , and Technology**

The Faculty of Engineering, Applied Science , and Technology welcomes applications from prospective students who fulfill the minimum admission criteria which are listed below.

| <b>Program</b> | <b>Admission Criteria</b> |
|----------------|---------------------------|
|----------------|---------------------------|

|  |  |
|--|--|
| <p><b>Bachelor of Science in Electrical Engineering</b></p> <p><b>in:</b></p> <ul style="list-style-type: none"> <li>• Mechatronics</li> <li>• Telecommunication</li> <li>• Electronics</li> </ul> | <ol style="list-style-type: none"> <li>1. A minimum High School Average of 75% for Elite Track, or 80% for Advanced Track of UAE Ministry of Education high school certificate. Holders of foreign high school certificates should refer to section, given in page 23, of equivalency criteria of non-UAE high school certificates.</li> <li>2. Passing EmSAT in Mathematics with a score of 900 or equivalent.</li> <li>3. Passing EmSAT in Physics with a score of 800 or equivalent.</li> <li>4. Passing EmSAT in Arabic Language with a score of 600 or equivalent. Alternatively, non-native Arabic speakers can enroll in a non-credit "Introduction to Arabic Language" course at the institution.</li> <li>5. Passing EmSAT in English Language with a score of 1100, or an equivalent approved English Proficiency test.</li> </ol> |
| <p><b>Bachelor of Science in Computer Science</b></p> <p><b>Bachelor of Science in Software Design</b></p> <p><b>Bachelor of Science in Cyber Security</b></p>                                     | <ol style="list-style-type: none"> <li>1. A minimum High School Average of 70% for Elite Track, or Advanced Track of UAE Ministry of Education high school certificate. Holders of foreign high school certificates should refer to section, given in page 23, of equivalency criteria of non-UAE high school certificates.</li> <li>2. Passing EmSAT in English Language with a score of 1100, or an equivalent approved English Proficiency test.</li> </ol>   |
| <p><b>Bachelor of Computer and Networking</b></p> <p><b>Engineering Technology</b></p>   | <ol style="list-style-type: none"> <li>1. A minimum High School Average of 70% for Elite Track, Advanced Track, or General Track of UAE Ministry of Education high school certificate. Holders of foreign high school certificates should refer to section, given in page 23, of equivalency criteria of non-UAE high school certificates.</li> <li>2. Passing EmSAT in English Language with a score of 1100, or an equivalent approved English Proficiency test.</li> </ol>  |

#### **Conditional Admission**

Applicants for B.Sc. in Computer Science, B.Sc. in Software Design, and B.Sc. in Cyber Security programs may be granted conditional admission for one semester if the applicant is holder of UAE high school certificate-advanced track or its equivalent with average score of at least 60%.

Admission is confirmed in the second semester only if the student achieves a minimum grade of "C" in (MTH-112) Calculus I and (BCS-101) Elements of Computing 1.

#### **Programs offered by Faculty of Architecture and Interior Design**

The Faculty of Architecture and Interior Design welcomes applications from prospective students who fulfill the minimum admission criteria which are listed below.

| <b>Program</b>  | <b>Admission Criteria</b>  |
|---|--|
| <ul style="list-style-type: none"> <li>• Bachelor of Architecture</li> <li>• Bachelor of Science in Interior Design</li> <li>• Bachelor of Science in Architectural Studies- Building Information Modeling</li> <li>• Bachelor of Science in Architectural Studies- Sustainability</li> </ul> | <p>1. A minimum High School Average of 70% for Elite Track, or Advanced Track of UAE Ministry of Education high school certificate. Holders of foreign high school certificates should refer to section, given in page 3, of equivalency criteria of non-UAE high school certificates.</p> <p>2. Passing EmSAT in English Language with a score of 1100, or an equivalent approved English Proficiency test.</p> |

Note: The Bachelor of Science program in Architectural Studies program is designed as a pre-architecture degree as per the Canadian Education System. Hence; it may not lead to employment as an Architecture professional but rather as a pre-professional in the Architecture field.

## **Programs offered by Faculty of Management**

The Faculty of Management welcomes applications from prospective students who fulfill the minimum admission criteria which are listed below.

| <b>Program</b>  | <b>Admission Criteria</b>   |
|---|---|
| <ul style="list-style-type: none"> <li>• Bachelor of Business Administration in Accounting and Finance</li> <li>• Bachelor of Business Administration in Forensic Accounting</li> <li>• Bachelor of Business Administration in Sports Management</li> <li>• Bachelor of Business Administration in Operations and Supply Chain Management</li> <li>• Bachelor of Business Administration in Marketing</li> <li>• Bachelor of Business Administration in International Business</li> <li>• Bachelor of Business Administration in Luxury Marketing</li> <li>• Bachelor of Business Administration in Events and Tourism</li> </ul> | <p>1. A minimum High School Average of 75% for Elite Track, or 80% for Advanced Track of UAE Ministry of Education high school certificate. Holders of foreign high school certificates should refer to section, given in page 23, of equivalency criteria of non-UAE high school certificates.</p> <p>2. Passing EmSAT in Mathematics with a score of 600 or equivalent.</p> <p>3. Passing EmSAT in Arabic Language with a score of 600 or equivalent. Alternatively, non-native Arabic speakers can enroll in a non-credit "Introduction to Arabic Language" course at the institution.</p> <p>4. Passing EmSAT in English Language with a score of 1100, or an equivalent approved English Proficiency test.</p> <p>5. Passing a personal interview.</p> |

## **Programs offered by Faculty of Communication, Arts and Sciences**

The Faculty of Communication, Arts and Sciences welcomes applications from prospective students who fulfill the minimum admission criteria which are listed below.

| <b>Program</b>  | <b>Admission Criteria</b>  |
|---|--|
| <ul style="list-style-type: none"> <li>• Bachelor of Arts in Communication- Public Relations</li> </ul> | <p>1. A minimum High School Average of 60% in UAE Ministry of Education high school certificate independently of the</p> |

|  |   |
|--|---|
| <ul style="list-style-type: none"> <li>• Bachelor of Arts in Communication- Advertising and Integrated Marketing Communications.</li> <li>• Bachelor of Arts in Communication- Digital Media and Journalism</li> </ul> | <p>track. Holders of foreign high school certificates should refer to section, given in page 23, of equivalency criteria of non-UAE high school certificates.</p> <p>2. Passing EmSAT in English Language with a score of 1100, or an equivalent approved English Proficiency test.</p>   |
| Bachelor of Arts in Creative Industries  | <p>1. A minimum High School Average of 75% in UAE Ministry of Education high school certificate independently of the track. Holders of foreign high school certificates should refer to section, given in page 23, of equivalency criteria of non-UAE high school certificates.</p> <p>2. Passing EmSAT in English Language with a score of 1250, or an equivalent approved English Proficiency test.</p>   |
| Bachelor of Science in Environmental Health Management   | <p>1. A minimum High School Average of 60% in UAE Ministry of Education high school certificate independently of the track. Holders of foreign high school certificates should refer to section, given in page 23, of equivalency criteria of non-UAE high school certificates.</p> <p>2. Passing EmSAT in English Language with a score of 1100, or an equivalent approved English Proficiency test.</p>   |
| Bachelor of Arts in Psychology (English)   | <p>1. A minimum High School Average of 60% in UAE Ministry of Education high school certificate independently of the track. Holders of foreign high school certificates should refer to section, given in page 23, of equivalency criteria of non-UAE high school certificates.</p> <p>2. Passing EmSAT in English Language with a score of 1100, or an equivalent approved English Proficiency test.</p>   |
| Bachelor of Arts in Psychology (Arabic)<br><br>Bachelor of Arts in Applied Sociology (Arabic)  | <p>1. A minimum High School Average of 60% in UAE Ministry of Education high school certificate independently of the track. Holders of foreign high school certificates should refer to section, given in page 23, of equivalency criteria of non-UAE high school certificates.</p> <p>2. Passing EmSAT in English Language with a score of 950, or an equivalent approved English Proficiency test.</p> <p>3. Passing EmSAT in Arabic Language with a score of 1000.</p> |

## Conditional Admission

An applicant who does not meet all of 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 Faculty.

An Undertaking must be signed by all conditionally admitted students.

Conditionnally 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 Proficeincy requirement is limited to 12 credit hours. Please see study load section of the catalog given in page 38.

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.

## **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](mailto:apply@cud.ac.ae).

### **Application for 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” on <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.

### **Application for 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.

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

## **Authentification and verification of admission documents**

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

### **Holders of high school certificates within 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 certificates fom outside UAE**

- a) 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.

## **UAE Requirements for equivalency of Non- UAE High School Certificates**

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

### **American System:**

- The certificate is awarded after at least 12 years of schooling
- Holder had successfully passed the grades (tenth, eleventh, and twelfth). The number of subjects in each grade should be at least five, the minimum score of success in each subject must not be less than (D) or 60%. Islamic education and Arabic language subjects are not counted
- Holder had passed TOEFL (IBT) with minimum score 61 or (IELTS Academic) with minimum score 5 or (EmSAT - English) with minimum score 1100
- Holder had passed EmSAT - Mathematics with a score not less than 500 or (SAT1-Math) with minimum score of 450

Important:

Holders of American High School within UAE UAE are required to fulfill the following :

- EmSAT English with a minimum score of 1100
- EmSAT -Mathematics with a minimum score of 500

*For an applicant to be considered as a graduate of the advanced Track on the basis of the courses studied in the 12th year (Two Science and one Mathematics subject)*

### **British System (IGCSE, GCSE, GCE):**

A holder of a British system certificate is eligible for admission if the applicant :

- has completed 13 years of study by the time she/he has finished secondary education and must provide proof thereof.
- has completed at least 7 subjects with a minimum grade of C in 5 O-Level subjects, and minimum grade of D in 2 AS-Level subjects or 1 A-Level subject
- Islamic education and Arabic language subjects are not counted among the 7 required subjects.

*For an applicant to be considered as a graduate of the advanced Track in secondary education she/he must have successfully studied at least 2 Science and one Mathematics subject at O-Level and ASLevel or A-Level.*

### **Canadian System:**

- High school diploma (grade 10, 11 & 12) with a minimum of 60% or with a minimum CGPA of 2.00 University Track Credits.

**Holders a certificate of one of French-Patterned Educational Systems as Algerian ,Lebanese, Moroccan, Tunisian, French.**

A holder of a French certificate is eligible for admission if the applicant :

- has completed 12 years of study by the time she/he has finished secondary education and must provide proof thereof.
- He has completed the French Baccalaureate in any of the three tracks: Literature, Economics & social, or Scientific with a minimum score of 10/20

**Iranian System:**

- Pre-university certificate and transcript of records with a minimum grade of 12 out of 20.

**Indian Board Certificates:**

- Grade 12 certificate with a minimum percentage of 55% and Grade 10 marks.

**International Baccalaureate (IB) Program:**

- IB Diploma with completion of six (6) subjects, at least three (3) at the higher level (HL) and a minimum total of 24 points.
- The certificate is awarded after at least 12 years of schooling
- The student must pass one of the two tracks:

**First track:**

Successful completion of the IB Diploma (Islamic education should not be counted among the subjects required for obtaining the Diploma).

**Second Track:**

The student had passed six IB subjects according to the following conditions

- a) The grade of any subject shall not be less than three
- b) The total number of points must not be less than 24
- c) The six subjects completed by the student in the IB should cover subjects of (English, mathematics and one subject of sciences) at the SL or HL.
- d) Islamic education should not be counted among the six subjects required for the equivalency.

**Pakistani Board Certificates:**

- Completion certificate of Grade 12 with a minimum percentage of 55% and Grade 10 certificate results.

**Nigerian/West African System:**

- WAEC, NECO, or WASSCE board certificate with a minimum of 7 subjects of C and above and secondary school transcript of results.

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.

## **Deadlines for Admission**

CUD admits undergraduate 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.

## **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 which is shown in the Admission letter.

## **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.

## **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.

### **The documents required are:**

- Colour passport photocopy
- 4 colour passport photographs (Submitted with Application for Admission)
- Letter of Acceptance from the University with course details and duration.

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

### **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.

## **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.

### **General Admission requirements for Masters level programs:**

1. 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. \*
2. 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.
3. 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.
4. 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);

(\*)For admission in the Master in IT Management, only applicants holding Engineering / IT / Businessrelated certificates will be considered

### **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:

1. University certificates and transcripts must be attested by the Ministry of Education in the country where the issuing university is based.
2. Following that, the student also needs to have the certificates and transcripts attested by the UAE embassy or consulate in that same country.

3. 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.
4. After the above is completed, the undergraduate equivalency certificate must be requested and issued by the UAE Ministry of Education.

### **Conditional Admission Requirements for Masters level programs:**

- 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:
  - a) must achieve an EmSAT score of 1400 or equivalent, by the end of the student's first semester of study;
  - b) may take a maximum of six credit hours in the first semester of study, not including intensive English courses;
  - c) 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;
- 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.
- 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.

## **Additional Program Admission Requirements: Panel Interview**

Offers of admission are adjudicated by a panel consisting of two (2) Faculty 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:

1. 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.
2. Selected applicants complete a panel interview.
3. 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 Faculty 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:

1. 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).
2. Motivation and engagement;
3. Rationale for the choice of major;
4. 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-point assessment, including academic record; communication skills, motivation, etc.

## **Remedial Preparation Program (RPP)**

The Faculty of Management (FOM)- Graduate studies introduced a remedial preparation program (RPP) for admitted students with a CGPA of 2.0 and less than 2.5 on a 4.0 scale and those admitted with non-business background. Remedial preparation program (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 (RPP) is equivalent to 3 graduate-

level credit hours. The student must achieve a minimum grade of B to be ready for their MBA & 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         |

### **Falsified Admission Documents**

Students found to have submitted falsified documents will be dismissed from the University.

### **Advanced Standing**

#### **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.

#### **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.

## **Procedure**

- i. Decisions on applications are made by the Registrar based on the recommendation of the Dean of the Faculty 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

## **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.

## **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 Faculty in which the applicant is studying. The Dean of the Faculty 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

### **Undergraduate Transfer Credit (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.

### **Masters Transfer Credit**

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).

## **Prior Learning Assessment and Recognition Policy**

The 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.

## **What are the 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.

### **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.).

## **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.

## **Appeal of Denial**

The applicant can appeal a 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.”

## **Procedure**

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.

## **Application Process and Guidelines**

The applicant must follow a five step 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.

## **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 safe guard 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.

## **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 andor 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.

## **Registration Process and Procedures**

### **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**

### **New Students:**

1. 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.
2. Once the Payment is made, student will be entitled to select the courses by with the Admission and Registration Officer.
3. Once the courses are selected; the student will be able to see the class schedule on the student portal.

### **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](mailto: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.

## **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.

## **Registration Process**

### **New Masters Students:**

1. Once admitted into the University you may meet with a student advisor from the Faculty 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.

### **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](mailto:ARD@CUD.AC.AE) and provide the necessary documentation prior to paying your fees and registering.

## **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 the Standards 2019.

### **Course Delivery using Independent Study mode:**

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

1. The student has obtained all authorizations (see section Application given below).
2. 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.
3. The full content of the course syllabus will be covered during the semester.
4. All learning resources are provided to the student during the semester.
5. Formal exams ( Mid-term and Final exams) must take place as per the academic calendar.
6. As for regular courses, the faculty member must upload the log of weekly attendance of the student in the course file.
7. A course file will be prepared at the end of the semester.

### **Eligibility**

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

1. The course is not offered, and the student needs the course in order to graduate at the end of the current semester.
2. 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.
3. A minimum cumulative grade point average of 2.5 is required, subject to waiver by the Dean of the Faculty.

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

### **Application**

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

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

## **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.

## **Student Study Load**

### **Study Load of undergraduate 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.

### **Study Load of undergraduate students who are on Academic probation**

- 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.
- Students, who are on 2<sup>nd</sup> 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.
- Students, who are on 3<sup>rd</sup> Academic probation, are allowed only to repeat 3 courses (9 credit hours) in which they obtained a grade less than C.

## **Study Load of undergraduate students who are Conditionally admitted**

- 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:
  - a) 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
  - b) 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.
  - c) 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.

- 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.
- 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.
- 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.

## **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.

## **Attendance & Absenteeism Policies**

### **Attendance & 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.)

- a) When a student is absent for 10% of the course, an absence reminder will be sent via university e-mail.
- b) When a student is absent for 20% of the course a second absence e-mail reminder will be sent
- c) 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.

### **Attendance & 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.

## Add and Drop

### Add and Drop for Undergraduate Studies

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.

### Add and Drop for Masters 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.

## Course Withdrawal

### 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](mailto: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).

|  |   |
|--|---|
| <b>Withdrawal from a course within the Add and Drop period</b> | No Academic Penalty (Does not appear on student transcript)     |
| <b>Withdrawal from a course after the Add and Drop period</b>  | Reflects on student transcript as (WN)<br>Withdrawal No Penalty |

\*Please see Undergraduate Refunds section for any related financial penalties

### 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.

## **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.

## 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.

## 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 (VPA) 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 VPA 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

## **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.

## **Grading Scheme**

### **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)<br>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/document |

|  |    |   |   |
|--|----|---|---|
|  |    |   | 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

### The 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:

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

### The Cumulative Grade Point Average (GPA)

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.

### 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 |   |
| 65-69        | C+ | 2.50 | Below requirements  |
| 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/documenting 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 (C) (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).

### The 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:

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

## **The 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.

## **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).

## **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.

### **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.

### **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.

### **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.

## **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.

### **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

### **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

## Progression Policies

### Progression Policy for Undergraduate Studies

#### ACADEMIC STANDINGS & 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.

## **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:

### **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

### **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**

### **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.

## Normal Course Load per Program

| <b>Department of Communication</b>  | <b>Credit Hours</b> |
|---|---------------------|
| Bachelor of Arts in Communication (Advertisement) – English stream            | 15                  |
| Bachelor of Arts in Communication (Journalism) – English stream               | 15                  |
| Bachelor of Arts in Communication (Public Relations) – English stream         | 15                  |
| <b>Department of Environmental Health Sciences</b>                            | <b>Credit Hours</b> |
| Bachelor of Science in Environmental Health Management                        | 15                  |
| <b>Department of Social Sciences</b>  | <b>Credit Hours</b> |
| Bachelor of Arts in Psychology  | 15                  |
| Bachelor of Arts in Psychology (Arabic)                                       | 15                  |
| Bachelor of Arts in Applied Sociology (Arabic)                                | 15                  |
| <b>Department of Creative Industries</b>                                      | <b>Credit Hours</b> |
| Bachelor of Arts in Creative Industries                                       | 15                  |
| <b>Faculty of Management</b>  | <b>Credit Hours</b> |
| 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                  |
| 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                  |
| <b>Department of Computer Engineering and Computational Sciences</b>          | <b>Credit Hours</b> |
| Bachelor of Computer and Networking Engineering Technology                    | 18                  |
| Bachelor of Science in Computer Science                                       | 15                  |
| Bachelor of Science in Software Design  | 15                  |
| Bachelor of Science in Cyber Security   | 15                  |
| <b>Department of Electrical Engineering</b>                                   | <b>Credit Hours</b> |
| Bachelor of Science in Electrical Engineering in Telecommunication            | 18                  |
| Bachelor of Science in Electrical Engineering in Electronics                  | 18                  |
| Bachelor of Science in Electrical Engineering in Mechatronics                 | 18                  |
| <b>Department of Architecture</b>   | <b>Credit Hours</b> |
| Bachelor of Architecture  | 18                  |
| Bachelor of Science in Architectural Studies- Building Information Modeling   | 18                  |
| Bachelor of Science in Architectural Studies- Sustainability                  | 18                  |
| <b>Department of Interior Design</b>  | <b>Credit Hours</b> |
| Bachelor of Science in Interior Design  | 18                  |

## Progression Policy for Masters Programs

### 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:

### **Clear Academic Standing**

The Faculty of Management requires that its Masters students have a CGPA 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 thereby 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.

- 1) 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.
- 2) Masters foundation courses do not carry credit towards the Master’s degree but require a passing grade of “P”.
- 3) A grade of “B” or higher must be earned for all Masters coursework transferred from another institution. The Faculty 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.

### **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.

## **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.

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

## **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.

## **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 Faculty of Management. The staff of the Faculty of Management will work with individual students to help them understand University requirements and their responsibilities in the appeal process.

## **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.

### **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.

## **Scholarships for Undergraduates**

### **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**

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

## **Undergraduate and Graduate**

- 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 7<sup>th</sup>.
- The scholarship application deadline for the spring semester is December 20<sup>th</sup>.
- 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](mailto:scholarship@cud.ac.ae)

## **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 7<sup>th</sup>) and spring semester (December 20<sup>th</sup>) 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](mailto:scholarship@cud.ac.ae) by July 7<sup>th</sup> (fall intake) or December 20th (spring intake).
- Late or incomplete scholarship applications will not be considered by the scholarship committee

### **Academic Excellence Scholarship Allocations**

#### **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.

#### **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.

#### **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.

## **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.

## **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.

### **\* 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.

## **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 7<sup>th</sup>) and spring semester (December 20<sup>th</sup>) 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.

## **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 7<sup>th</sup>) and spring semester (December 20<sup>th</sup>) 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.

## **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 7<sup>th</sup>) and spring semester (December 20<sup>th</sup>) 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.

## **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 7<sup>th</sup>) and spring semester (December 20<sup>th</sup>) 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.

## **Study Scholarship**

### **Fall 2022-23 - 20% Study Scholarship Terms & Conditions:**

- Students must register for a minimum of four courses or 12 credit hours in the Fall 2022-23 semester.
- Students should pay an AED 2,500 tuition deposit before registering for the courses (non-refundable but adjustable and is part of Fall 2022-23 semester tuition fees).
- Students must pay the total semester fees in full by **May 10, 2022**.
- Students can combine the offer with other applicable fee reductions and merit scholarships, excluding the MOU FLAT tuition fee reduction. (The maximum fee reduction capped in the Fall 2022-23 semester will be 60%)
- Fee reduction is applicable towards the credit courses only and is not applicable on non-credit courses and incidental fees.

### **Fall 2022-23 - 15% Study Scholarship Terms & Conditions:**

- Students must register for a minimum of four courses or 12 credit hours in the Fall 2022-23 semester.
- Students should pay an AED 2,500 tuition deposit before registering for the courses (non-refundable but adjustable and is part of Fall 2022-23 semester tuition fees).
- Students must pay the total semester fees in full by **May 31, 2022**.
- Students can combine the offer with other applicable fee reductions and merit scholarships, excluding the MOU FLAT tuition fee reduction. (The maximum fee reduction capped in the Fall 2022-23 semester will be 60%)
- Fee reduction is applicable towards the credit courses only and is not applicable on non-credit courses and incidental fees.

### **Fall 2022-23 - 10% Study Scholarship Terms & Conditions:**

- Students must register for a minimum of four courses or 12 credit hours in the Fall 2022-23 semester.
- Students should pay an AED 2,500 tuition deposit before registering for the courses (non-refundable but adjustable and is part of Fall 2022-23 semester tuition fees).
- Students must pay the total semester fees in full by **July 10, 2022 (Sunday)**.
- Students can combine the offer with other applicable fee reductions and merit scholarships, excluding the MOU FLAT tuition fee reduction. (The maximum fee reduction capped in the Fall 2022-23 semester will be 60%)
- Fee reduction is applicable towards the credit courses only and is not applicable on non-credit courses and incidental fees.

## **Student Affairs**

### **Career Counseling**

In In the UAE, the development needs are changing all the time. This rapid pace makes many demands on the new graduate who is seeking a gratifying place in the world of work. Our staff is current in trends in the UAE and, together with Canadian University Dubai links to the academic world and the workplace. We endeavor to keep our students informed.

The career services and internship office provides internship support to assist students in fulfilling the internship requirements of their programs. Canadian University Dubai maintains relationships with many businesses in Dubai to help facilitate a smooth internship placement.

Career advising assists students in developing their career goals and objectives. Canadian University Dubai has maintained and developed relationships with major companies in many career fields to provide graduating students with career opportunities. Our graduates find great success in the careers of their choice, due in large part to the efforts of our career services and internship office. Any student, no matter how savvy, can benefit from our career services.

### **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.

## **Personal Counseling**

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 counselor has professional experience and training in order to assist students, whether the issues are emotional, psychological, social or physical. All counseling 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.

## **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.

## **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.

## **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.

## **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

## **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.

## **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.

## **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.

## **Student Publications**

### **Newsletter**

To keep students informed of happenings within the University, a monthly 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.

## **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 organizations.

### **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.

### **Qualifications of Student Council Members**

#### **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.

#### **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.

### **Elections**

The Elections rules and procedures are as follows:

#### **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.

### **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.

## **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.

## **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 the 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.

## **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>

### **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.

### **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.

### **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.

## **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.

## **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.

## **Information Literacy**

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

## **Circulation Policy**

### **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.

### 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.

### 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.

#### Fines and Replacement Fees for Lost or Damaged Item

#### **Fines**

For regular overdue item, an overdue fine accrue as 2AED per day per book for 14 days loan. For reserve overdue item, an overdue fine accrue as 2AED 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 75AED processing fee
- Video – 100 AED for videos
- Lost journal - 50AED for journals

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

#### **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.

#### 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.

## 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

## Policies

### Reservation

- 1.A study room can be reserved for two (2) hours at a time
- 2.A minimum of three (3) people are considered as a group
- 3.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
- 4.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
- 5.Rooms may be reserved up to two (2) days in advance
- 6.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
- 7.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.
- 8.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](mailto:library@cud.ac.ae)

## 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](mailto:alumni@cud.ac.ae).

## **Information and Communication Technology (ICT)**

### **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](mailto: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

### **Appropriate Use**

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

#### **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.

#### **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.

#### **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.

### **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](mailto:icthelpdesk@cud.ac.ae)

### **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 and professional 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.

## **All residents must allow their fellow students the opportunity:**

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

## **All students must:**

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

# **Safety, Security, and Student Conduct**

## **In Case of Emergency**

|                        |            |
|------------------------|------------|
| <b>Police</b>          | <b>999</b> |
| <b>Ambulance</b>       | <b>998</b> |
| <b>Fire Department</b> | <b>997</b> |

## **Incidents**

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

|  |                           |
|--|---------------------------|
|  | <b>Sameer 055-8602331</b> |
|  | <b>Soumia 055-8035463</b> |

## **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 by dialing 997, and inform the Security Officer. Students must evacuate the building in the event of a fire alarm. Please ensure to be familiar with your address location.

## **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.

## **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.

## **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.

## **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 not allowed. Smoking is also forbidden on university property and in student accommodation. Violation of this 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 any incidents.

## **Failure to Comply with the Accommodation Policy**

Failure to comply with the University Accommodation Policy may result in a written warning, counseling 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.

## **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.

## **Health and Safety Policy**

### **Introduction**

Canadian University Dubai is committed to provide students, faculty and staff with an environment that fully complies with UAE laws and regulations in terms of health and safety. It is the responsibility of all academic and administrative managers to ensure that all policies and procedures related to health and safety are communicated, publicized, adhered to and regularly evaluated. Visitors, contractors and workers must comply with all relevant legislations for all on/off campus activities. Canadian University Dubai upholds strong standards in ensuring the health and safety of faculty, staff and students while on campus. This is promoted throughout the University with appropriate health, safety and security protocols in place to safeguard from potential hazards. The University is certified by the UAE to operate in the field of higher education after fulfilling the standard health and safety requirements. This certification is reviewed on a regular basis as stipulated by laws and regulations of the UAE.

## **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;

## **General Safety Hazards**

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

- 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.

## 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:**

- |  |   |
|--|---|
| <ul style="list-style-type: none"><li>• Personal Protective Equipment</li><li>• Work Area</li><li>• Proper Attire</li><li>• Safe Chemical Disposal Procedures</li><li>• Chemical Control</li><li>• Broken Glass Handling</li><li>• Needle Safety</li><li>• Electrical Hazards</li><li>• Proper Labeling</li><li>• Storage</li><li>• Safety Equipment</li><li>• Fire Extinguishers</li><li>• Proper Use of Other Safety Equipment</li><li>• First Aid Kit</li></ul> | <ul style="list-style-type: none"><li>• Material Safety Data Sheet (MSDS)</li><li>• Safety Warnings</li><li>• Compressed Gas Cylinders</li><li>• Testing of Odors</li><li>• Heating of Glass Tubing, Rods and Test Tubes</li><li>• Handling of Acids, Bases and Water</li><li>• Bunsen Burner Usage</li><li>• Safe Heating of Organic Liquids</li><li>• Safe Cooling of Organic Liquids</li><li>• Safe Handling of Laboratory Instrumentation</li></ul> |
|--|---|






## 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.

### 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

## 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.

## When an alarm rings:

### Follow RACE procedure:

1. **R:** Rescue anyone in immediate danger
2. **A:** Activate building fire alarm to alert others and report the incident
3. **C:** Confine the fire by closing all doors
4. **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:

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

## Fire Evacuation Plan

### Steps to Take in Case of Fire

1. 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.
2. 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.
3. 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.
4. The nurse will collect the emergency first aid kit and assist with the evacuation of students.
5. 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.
6. Security will turn off all the AC units and then assist fire officials.
7. Class teachers are responsible for confirming that each of their students is outside of the building in the designated ASSEMBLY POINT

8. The Fire Marshal will supervise and coordinate with fire officials and first aid attendants to confirm that all buildings have been evacuated.

## Guidelines

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

## Student Academic Rights and Responsibilities

### 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 counseling;
- Presume protection, through recognized processes against prejudice or impulsive evaluation or assessment.

### 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.

## **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.

## **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.

## **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.

## **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.

## **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 Counselor)

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.

### **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”

## **Graduation Policy**

### **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.

## **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 notwithstanding.

## **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

## **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.

## **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.

## **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.

## **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 United Arab Emirates Ministry of Education, Higher Education Affairs, must be completed by the student. Please see the guidelines as per the Ministry of Education – Higher Education Affairs website:

<https://www.moe.gov.ae/En/EServices/ServiceCard/pages/attestationregenrolled.aspx>

## **Student Records Policy**

### **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.

## **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

## **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.

## **Policy**

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.

## **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.

## **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.

## 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.

## 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.<br>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.<br>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.<br>Physical records are maintained for three years from the date the student graduated.             |

## 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:

### Unacceptable Conduct: Academic

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

- Partaking in academic dishonesty

### **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.

### **Unacceptable Conduct: Student Safety**

1. Harassing, assaulting, or using physical violence against others,
2. Jeopardizing the safety of others or violating human rights,
3. Participating in individual or group activities that deliberately or irresponsibly cause serious disorder or suffering to others,
4. Possessing dangerous weapons such as, but not limited to firearms, on University property,
5. Intentionally possessing or using a dangerous artifact or substance that could harm or distress any person on University property,
6. Possessing and/or using fireworks,
7. 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.

### **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.

### **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.

#### **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.

#### **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.

### **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.

### **Procedure:**

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

### **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.

### **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.

### **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.

### **List of Conduct Violations with Accompanying 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.

| <b>Violation</b>                                | <b>Committee / Overview</b> | <b>Actions</b>  |
|---|-----------------------------|---|
| <b>Inappropriate behavior in class</b>          | Disciplinary Committee      | Printed Warning<br>Probation,<br>Expulsion                                |
| <b>Vandalism</b>                                | Disciplinary Committee      | Printed Warning<br>Probation<br>Reimbursement or Replacement<br>Expulsion |
| <b>Dress Code Violation</b>                     | Disciplinary Committee      | Printed Warning<br>Probation<br>Expulsion                                 |
| <b>Theft</b>                                    |                             | Expulsion   |
| <b>Possession of Alcohol or Drugs on Campus</b> |                             | Expulsion   |
| <b>Gambling</b>                                 |                             | 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.**

### **Types of Warning and Actions**

**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.

**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.

**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.

**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.

**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

### **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.

### **Procedures**

1. 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.
2. The Dean of Student Affairs will amass and examine evidence relevant to each particular case.
3. The Dean of Student Affairs will, based on their investigation, decide to refer, or not refer, this case to the Disciplinary Committee.
4. The student maintains the right to appeal their case to the University's President.
5. The Dean of Student Affairs will select three administrators and four faculty members to sit on the Disciplinary Committee.

### **Communications to the Student Regarding Conduct Violations**

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

### **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.

### **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.

### **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.

### **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.

### **Types of Student Complaints**

#### **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.

#### **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.

### **Complaint Resolution Procedures**

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

### **Informal Approach**

- a) 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 Faculty / 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.
- b) 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.
- c) 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.
- d) The student has fifteen days following an incident to lodge a formal complaint if the issue is not resolved

### **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.

### **Withdrawal of a Complaint**

At any time during the informal or 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 Faculty, one faculty member from another Department and the student counselor 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.

### **Academic Integrity: Policies & Procedures**

As per CAA and international standards, Canadian University Dubai is committed to ensuring that faculty and students adhere to the highest academic standards in terms of ethics, integrity and behavior. 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. Cheating and plagiarism are known to negatively affect the credibility and value of education and degrees conferred by any university. The sections below describe the list of main academic offenses and related sanctions. This list is not meant to be exhaustive and will be updated by the University administration when necessary.

### **Academic Violations**

#### **Plagiarism**

##### **Definition:**

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 may not submit any material created by or acquired from another person or business.

##### **Anti-Plagiarism Strategies**

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

- 1) The use of Turnitin software: this software is installed in pre-assigned laboratories for student access, including the library. Students should be able to run the 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.

2) Organizing seminars on good academic practices: the academic affairs division must organize, with the help of academic Departments, seminars on good academic practices. These seminars should identify the most frequent forms of plagiarism, ways to correctly acknowledge sources through proper references and the University's policies against plagiarism.

3) The use of Moodle to post tutorials on good academic practices.

### **Cheating on Examinations**

Cheating refers to attempting to use, or using, unauthorized materials, or obtaining unauthorized assistance, in an academic activity, including all types of examinations or evaluations. 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**

Canadian University Dubai 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](http://www.cud.ac.ae).

### **Fabrication**

Fabrication 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. Unethical behavior will be treated as academic dishonesty.

## **Sanctions Related to Violations of Academic Integrity**

### **Plagiarism**

Plagiarizing any type of course work will not be tolerated. All instances of plagiarizing shall be documented, presented to the Program Leader or Dean of the program and to the Registrar, and recorded in the student's file.

- **First offense:** a written warning will be assigned to the student with a copy in his/her file.
- **Second offense:** a grade of zero is assigned for the academic work. A detailed report describing the plagiarized work with all related evidence will be put in the student's E-file.
- **Third offense:** an F grade is assigned to the course with an automatic suspension of the student from that course. Further disciplinary measures, including possible suspension from the University may be considered.
- **Fourth Offence:** If a third offence was filed for more than a course since the first semester of study, the Registrar will inform the Dean of the Faculty and the student will automatically fail all courses registered in the semester during which the second third offence is filed 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.

Any party to cheating or plagiarism is subject to exactly the same penalties. Students are strongly advised to read the section on plagiarism in the student handbook. The student may appeal following the University's appeal policy.

## **Cheating on Examinations**

### **Penalty for Cheating – First Time**

If a student is found cheating on an exam the violation will be communicated to the Exam Violation Committee and the following penalties will apply:

- a) The student will be assigned a grade of zero for that course.
- b) A disciplinary warning is added to his/her file.

### **Penalty for Cheating - Second Time**

If a student is found cheating a second time, they will be assigned a grade of zero in that course and further disciplinary measures, including possible suspension from the university may be considered.

### **Procedure**

Faculty submits 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 issues the disciplinary warning. A copy of the faculty's written report and student's work is included with the warning in the student's file.

### **Information and Communication Technology Misuse**

When a misuse of ICT resources occurs, an investigation is conducted by the IT department. All findings will be submitted to the Dean and Disciplinary Committee for appropriate actions.

### **Fabrication and Ethical Behavior**

When a fabrication of information or unethical behavior is established, the faculty (or the person who witnessed the unethical behavior) must write a detailed report to the Dean with all related evidence. The Dean will write his/her recommendations to the Disciplinary Committee for appropriate action.

## Accredited Programs

| Program   | Faculty  |
|---|--|
| Bachelor of Business Administration in Accounting and Finance                 | Faculty of Management  |
| Bachelor of Business Administration in International Business                 | Faculty of Management  |
| Bachelor of Business Administration in e-Business                             | Faculty of Management  |
| Bachelor of Business Administration in Human Resource Management              | Faculty of Management  |
| Bachelor of Business Administration in Marketing                              | Faculty of Management  |
| Bachelor of Business Administration in Events And Tourism Management          | Faculty of Management  |
| Bachelor of Business Administration in Forensic Accounting                    | Faculty of Management  |
| Bachelor of Business Administration in Luxury Marketing                       | Faculty of Management  |
| Bachelor of Business Administration in Operations And Supply Chain Management | Faculty of Management  |
| Bachelor of Business Administration in Sport Management                       | Faculty of Management  |
| Master of Business Administration in Human Resource Management                | Faculty of Management  |
| Master of Business Administration in Finance                                  | Faculty of Management  |
| Master of Business Administration in Marketing                                | Faculty of Management  |
| Master of Business Administration in General Management                       | Faculty of Management  |
| Master in Information Technology Management                                   | Faculty of Management  |
| Bachelor of Architecture  | Faculty of Architecture & Interior Design (FAID)               |
| Bachelor of Science in Interior Design  | Faculty of Architecture & Interior Design (FAID)               |
| Bachelor of Science in Architectural Studies- Building Information Modeling   | Faculty of Architecture & Interior Design (FAID)               |
| Bachelor of Science in Architectural Studies- Sustainability                  | Faculty of Architecture & Interior Design (FAID)               |
| Bachelor of Computer and Networking Engineering Technology                    | Faculty of Engineering, Applied Science and Technology (FEAST) |
| Bachelor of Science in Computer Science                                       | Faculty of Engineering, Applied Science and Technology (FEAST) |

|   |  |
|---|--|
| Bachelor of Science in Software Design                              | Faculty of Engineering, Applied Science and Technology (FEAST) |
| Bachelor of Science in Cyber Security                               | Faculty of Engineering, Applied Science and Technology (FEAST) |
| Bachelor of Science in Electrical Engineering in Telecommunications | Faculty of Engineering, Applied Science and Technology (FEAST) |
| Bachelor of Science in Electrical Engineering in Electronics        | Faculty of Engineering, Applied Science and Technology (FEAST) |
| Bachelor of Science in Electrical Engineering in Mechatronics       | Faculty of Engineering, Applied Science and Technology (FEAST) |

| Program  | Faculty                                     |
|--|---|
| Bachelor of Arts in Communication in Journalism        | Faculty of Communication, Arts and Sciences |
| Bachelor of Arts in Communication in Advertisement     | Faculty of Communication, Arts and Sciences |
| Bachelor of Arts in Communication in Public Relations  | Faculty of Communication, Arts and Sciences |
| Bachelor of Arts in Psychology                         | Faculty of Communication, Arts and Sciences |
| Bachelor of Arts in Psychology (Arabic)                | Faculty of Communication, Arts and Sciences |
| Bachelor of Arts in Applied Sociology                  | Faculty of Communication, Arts and Sciences |
| Bachelor of Arts in Creative Industries                | Faculty of Communication, Arts and Sciences |
| Bachelor of Science in Environmental Health Management | Faculty of Communication, Arts and Sciences |

## Continuing Education

| Program                       | Section   |
|-------------------------------|---|
| English for Academic Purposes | Centre for Continuing Education and Lifelong Learning |
| Math for Academic Purposes    | Centre for Continuing Education and Lifelong Learning |

## Academic Calendars

### Undergraduate Students Academic Calendar

| FALL 2022-23     |       |   |
|------------------|-------|---|
| May              | 30    | Pre-Registration Open for Fall  |
| August           | 15    | Faculty resume work   |
| August           | 22    | Registration and Advising Week  |
| August           | 25    | New Student Orientation   |
| August           | 29    | First Day of Classes / First day of Late Registration Penalty             |
| September        | 5     | First Day of 50% <b>drop course penalty</b> - No new courses can be added |
| September        | 12    | First Day of <b>100% course drop penalty</b>                              |
| September        | 19    | First day of WN grade   |
| October          | 31    | Pre-Registration Open for Spring Semester                                 |
| November         | 06    | Last day of Course Withdrawal (WN grade)                                  |
| December         | 1     | Commemoration Day   |
| December         | 2-3   | National Day  |
| December         | 10    | Exam Begin  |
| December         | 19    | Fall Break Commences  |
| Spring 2022-23   |       |   |
| January          | 2     | Registration and Advising Week  |
| January          | 5     | New Student Orientation   |
| January          | 9     | First Day of Classes / First day of Late Registration Penalty             |
| January          | 16    | First Day of 50% <b>drop course penalty</b> - No new courses can be added |
| January          | 23    | First Day of <b>100% course drop penalty</b>                              |
| January          | 30    | First day of WN grade   |
| March            | 6     | Pre-Registration Open for Summer 1  |
| March            | 19    | Last day of Course Withdrawal (WN grade)                                  |
| March            | 27    | Spring Break Commences  |
| April            | 3     | Classes Resume  |
| April            | 29    | Exams Begin   |
| May              | 7     | End of Semester   |
| Summer 1 2022-23 |       |   |
| May              | 8-12  | Registration and Advising Week  |
| May              | 15    | First Day of Classes & First day of Late Registration Penalty             |
| May              | 22    | First Day of 100% penalty - First day of WN grade                         |
| June             | 11    | Last day of WN grade  |
| June             | 20    | Pre-Registration Open for Summer 2  |
| June             | 24    | Exams Begin   |
| June             | 26    | End of Summer 1 Session   |
| Summer 2 2022-23 |       |   |
| July             | 03-07 | Registration and Advising Week  |
| July             | 10    | First Day of Classes & First day of Late Registration Penalty             |
| July             | 17    | First Day of 100% penalty - First day of WN grade                         |
| Aug              | 06    | Last day of WN grade  |
| Aug              | 19    | Exams Begin   |
| Aug              | 20    | 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](http://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.

## Masters Students Academic Calendar

| Fall 2022-23/ Cycle 1    |      |   |
|--------------------------|------|---|
| Month                    | Date | Event   |
| June                     | 6    | Pre-Registration Open for Fall                          |
| August                   | 29   | First Day of Classes ( weekday classes)                 |
| September                | 3    | First Day of Classes (weekend classes)                  |
| September                | 12   | First Day of 100% penalty - No new courses can be added |
| September                | 26   | First day of WN grade                                   |
| October                  | 17   | Final exams October 17th to Oct 23rd                    |
| Fall 2022-23 / Cycle 2   |      |   |
| Month                    | Date | Event   |
| October                  | 24   | First Day of Classes ( weekday classes)                 |
| October                  | 29   | First Day of Classes (weekend classes)                  |
| November                 | 7    | First Day of 50% penalty - No new courses can be added  |
| November                 | 14   | First Day of 100% penalty -No new courses can be added  |
| November                 | 21   | First day of WN grade                                   |
| December                 | 1    | Commemoration Day - University Closed                   |
| December                 | 2-3  | National Day - University Closed                        |
| December                 | 12   | Final exams Dec 12th to 18th                            |
| December                 | 19   | Fall Break commences                                    |
| Spring 2022-23 / Cycle 1 |      |   |
| Month                    | Date | Event   |
| October                  | 31   | Pre-Registration Open for Spring Semester               |
| January                  | 9    | First Day of Weekday Classes                            |
| January                  | 14   | First Day of Classes (weekend classes)                  |
| January                  | 23   | First Day of 50% penalty                                |
| January                  | 30   | First Day of 100% penalty                               |
| Feb                      | 6    | First day of WN grade                                   |
| Feb                      | 27   | Final exams February 27th to March 5th                  |
| Spring 2022-23 / Cycle 2 |      |   |
| Month                    | Date | Event   |
| March                    | 6    | First Day of Weekday Classes                            |
| March                    | 11   | First Day of Weekend Classes                            |
| March                    | 20   | First Day of 50% penalty                                |
| March                    | 27   | Spring Break March 21st to April 02                     |
| April                    | 3    | First Day of 100% penalty                               |
| April                    | 10   | First day of WN grade                                   |
| May                      | 1    | Final exams May 1th May 7th                             |
| Summer 12022-23          |      |   |
| Month                    | Date | Event   |
| May                      | 8    | First Day of Weekday Classes                            |
| May                      | 13   | First Day of Weekend Classes                            |
| June                     | 19   | Final exams June 19- 25                                 |
| Summer 2 2022-23         |      |   |
| Month                    | Date | Event   |
| July                     | 1    | First Day of Weekend Classes                            |
| July                     | 3    | First Day of Weekday Classes                            |
| Aug                      | 12   | Final exams Aug 12-18                                   |

\*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](http://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.

## **Academic Programs**

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

- **Faculty of Communication, Arts & Sciences**
  - Department of Communication
  - Department of Environmental Health Sciences
  - Department of Social Sciences
  - Department of Creative Industries
- **Faculty of Management**
  - Department of Undergraduate Programs
  - Department of Graduate Programs
- **Faculty of Architecture & Interior Design (FAID)**
  - Department of Architecture
  - Department of Interior Design
- **Faculty of Engineering, Applied Science and Technology (FEAST)**
  - o Department of Electrical Engineering
  - o Department of Computer Engineering and Computational Sciences

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.

## **Fundamental General Education and University Courses**

All our academic programs are a combination of General Education (GenED) courses and specialization courses. GenED 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 GenED 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.

## Program Table

| Refer to the assigned “Program Number” of your program to pick elective courses where applicable |                 |
|--|-----------------|
| Program Name   | Program Number* |
| Associate of Marketing   | 1               |
| Bachelor of Business Administration (All Majors)   | 2               |
| Bachelor of Architecture   | 3               |
| Bachelor of Science in Interior Design   | 4               |
| Bachelor of Computer and Networking Engineering Technology                                       | 5               |
| Bachelor of Science in Electrical Engineering (All Majors)                                       | 6               |
| Bachelor of Arts in Communication (All English Majors)   | 9               |
| Bachelor of Arts in Psychology (English)   | 11              |
| Bachelor of Arts in Psychology (Arabic)  | 12              |
| Bachelor of Science in Environmental Health Management   | 13              |
| Bachelor of Science in Health Information Management   | 14              |
| Bachelor of Science in Health Organization Management  | 15              |
| Associate Degree in Food Safety  | 16              |
| Bachelor of Arts in Applied Sociology  | 17              |

## 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

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

| Course Code | Course Title  | Applicable Program* |   |   |   |   |   |   |   |    |    |    |  |    | Prerequisite | Cr.H    |   |
|-------------|---|---------------------|---|---|---|---|---|---|---|----|----|----|--|----|--------------|---------|---|
|             |   | Language            |   |   |   |   |   |   |   |    |    |    |  |    |              |         |   |
| LNG 161     | Communication Skills in English 1<br>مهارات الاتصال باللغة الإنجليزية (1) |                     |   |   |   |   |   | 8 |   |    |    |    |  |    | 17           | None    | 3 |
| LNG 162     | Communication Skills in English 2<br>مهارات الاتصال باللغة الإنجليزية (2) |                     |   |   |   |   |   | 8 |   |    |    |    |  |    | 17           | LNG 161 | 3 |
| LNG 171     | English I   | 1                   | 2 | 3 | 4 | 5 |   | 7 | 9 | 11 | 12 | 13 |  | 15 |              | None    | 3 |
| LNG 172     | English II  | 1                   | 2 | 3 | 4 | 5 |   | 7 | 9 | 11 | 12 | 13 |  | 15 |              | LNG 171 | 3 |
| LNG 173     | Professional Communication Skills   | 1                   |   | 3 | 4 | 5 |   | 7 |   |    |    |    |  |    |              | LNG 172 | 3 |
| LNG 181     | English I for Engineering & Computing                                     |                     |   |   |   |   | 6 |   |   |    |    |    |  |    |              | None    | 3 |
| LNG 182     | English II for Engineering & Computing                                    |                     |   |   |   |   | 6 |   |   |    |    |    |  |    |              | None    | 3 |
| GED 196     | Communication Skills in Arabic 1<br>مهارات الاتصال في اللغة العربية (1)   | 1                   | 2 | 3 |   | 5 | 6 | 7 | 8 |    | 12 | 13 |  | 15 | 17           | None    | 3 |

| Course Code       | Course Title  | Applicable Program* |   |   |   |   |   |   |    |    |    |    |  |  | Prerequisite                        | Cr.H |
|-------------------|---|---------------------|---|---|---|---|---|---|----|----|----|----|--|--|-------------------------------------|------|
| GED 196           | Communication Skills in Arabic 1  | 1                   | 2 | 3 | 5 | 6 | 7 | 9 | 11 | 13 | 15 |    |  |  | None                                | 3    |
| GED 296           | Communication Skills in Arabic 2<br>مهارات الاتصال في اللغة العربية (1) |                     |   |   |   |   |   | 8 |    |    |    |    |  |  | GED 196                             | 3    |
|                   | Science and Technology  |                     |   |   |   |   |   |   |    |    |    |    |  |  |                                     |      |
|                   | Science   |                     |   |   |   |   |   |   |    |    |    |    |  |  |                                     |      |
| BIO 101           | Human Biology lec/lab   | 1                   | 2 | 3 | 4 | 5 |   | 9 |    | 13 | 15 |    |  |  | None                                | 3    |
| GED 125 (ENV 125) | Ecosystem and Human Health<br>النظم الإيكولوجية وصحة الإنسان            |                     |   |   |   |   |   | 8 |    | 12 |    |    |  |  | None                                | 3    |
| GED 125 (ENV 125) | Ecosystem and Human Health  | 1                   | 2 | 3 | 4 | 5 |   | 9 | 11 |    |    |    |  |  | None                                | 3    |
| ENV 201           | Principles of Environmental Science                                     | 1                   | 2 | 3 | 4 | 5 |   | 9 |    | 13 |    |    |  |  | None                                | 3    |
| MTH 195           | Applied Statistics  |                     |   |   |   |   |   |   | 11 | 13 | 15 |    |  |  | Math Placement Test or MTH 011      | 3    |
| MTH 195           | Applied Statistics<br>الاحصاء التطبيقي                                  |                     |   |   |   |   |   |   | 12 |    |    |    |  |  | Math Placement Test or MTH 011      | 3    |
| MTH 196           | Mathematics for Business  | 1                   | 2 |   |   |   |   |   |    |    |    |    |  |  | None                                | 3    |
| SHS 103           | Chemistry lec/lab   | 1                   | 2 | 3 | 4 | 5 | 6 | 7 | 9  | 13 |    |    |  |  | None                                | 3    |
| BIO 100           | Unifying Life Processes<br>توحيد عمليات الحياة                          |                     |   |   |   |   |   |   |    | 12 |    |    |  |  | None                                | 3    |
| BIO 100           | Unifying Life Processes   |                     |   |   |   |   |   |   | 11 |    |    |    |  |  | None                                | 3    |
| SCI 101           | Physics I "Eng. Mechanics"  |                     |   |   |   |   |   | 7 |    |    |    |    |  |  | <u>MTH 114</u>                      | 3    |
| SWS 110           | Programming I   |                     |   |   |   |   |   | 7 |    |    |    |    |  |  | None                                | 3    |
| SWS 120           | Programming II  |                     |   |   |   |   |   | 7 |    |    |    |    |  |  | <u>SWS 110</u>                      | 3    |
|                   | Technology  |                     |   |   |   |   |   |   |    |    |    |    |  |  |                                     |      |
| GED 101 (SWS 101) | Applications of Computer Software                                       | 1                   |   |   |   |   |   | 9 | 11 | 13 | 15 | 16 |  |  | None                                | 3    |
| GED 101 (SWS 101) | Applications of Computer Software<br>مدخل إلى برمجيات الحاسوب           |                     |   |   |   |   |   | 8 |    | 12 |    |    |  |  | None                                | 3    |
| GED 132           | Science and Technology in Society                                       | 1                   | 2 | 3 | 4 | 5 |   | 9 | 11 |    |    |    |  |  | None                                | 3    |
| GED 132           | Science and Technology in Society<br>العلم والتكنولوجيا في المجتمع      |                     |   |   |   |   |   |   |    | 12 |    |    |  |  | None                                | 3    |
| GED 195           | Descriptive Geometry  | 1                   |   | 3 | 4 | 5 |   | 9 |    |    |    |    |  |  | None                                | 3    |
| SWS 361           | Introduction to Geographic Information Systems                          |                     |   |   |   |   |   |   |    |    |    |    |  |  | None                                | 3    |
| MTH 101           | Statistics  |                     |   |   |   |   |   | 8 | 9  |    |    |    |  |  | None                                | 3    |
| MTH 112           | Calculus I  |                     |   | 3 | 4 | 5 | 7 |   |    |    |    |    |  |  | Pass Math Placement Test or MTH-012 | 3    |
| ENG 421           | Professional and Ethical Practice                                       |                     |   |   |   |   | 6 |   |    |    |    |    |  |  |                                     | 3    |

| Course Code | Course Title  | Applicable Program* |   |   |   |   |   |   |   |    |    |    |    | Prerequisite | Cr.H |   |
|-------------|---|---------------------|---|---|---|---|---|---|---|----|----|----|----|--------------|------|---|
|             | Humanities  |                     |   |   |   |   |   |   |   |    |    |    |    |              |      |   |
| GED 110     | Modern Art Appreciation<br>تقدير الفن   |                     |   |   |   |   | 8 |   |   | 12 |    |    | 17 | None         | 3    |   |
| GED 110     | Modern Art Appreciation   | 1                   | 2 | 3 | 4 | 5 | 6 | 7 | 9 | 11 | 13 | 15 |    | None         | 3    |   |
| GED 111     | Music Appreciation and Communication<br>تقدير الموسيقى والتواصل                                   |                     |   |   |   |   |   |   |   | 12 |    |    | 17 | None         | 3    |   |
| GED 111     | Music Appreciation and Communication  |                     | 2 | 3 | 4 |   |   | 7 |   | 11 | 13 | 15 |    | None         | 3    |   |
| GED 112     | Using Positive Psychology at Work   |                     | 2 | 3 | 4 |   |   | 7 |   |    | 13 | 15 |    | None         | 3    |   |
| ENT 141     | Fundamentals in Innovation and Entrepreneurship 1   | 1                   |   | 3 | 4 | 5 | 6 | 7 | 9 | 11 | 13 | 15 |    | None         | 3    |   |
| ENT 142     | Fundamentals in Innovation and Entrepreneurship 2   | 1                   |   | 3 | 4 | 5 | 6 | 7 | 9 | 11 | 13 | 15 |    | None         | 3    |   |
| ENT 141     | Fundamentals of Innovation and Entrepreneurship 1<br>أساسيات الإبتكار وريادة الأعمال 1            |                     |   |   |   |   |   | 8 |   | 12 |    |    | 17 | None         | 3    |   |
| ENT 142     | Fundamentals of Innovation and Entrepreneurship 1<br>أساسيات الإبتكار وريادة الأعمال 2            |                     |   |   |   |   |   | 8 |   | 12 |    |    | 17 |              |      |   |
| GED 145     | University Study Skills<br>مهارات الدراسة الجامعية  |                     |   |   |   |   |   | 8 |   |    |    |    |    | None         | 3    |   |
| GED 205     | Psychology in Everyday Life<br>علم النفس في الحياة اليومية  |                     |   |   |   |   |   | 8 |   |    |    |    |    | None         | 3    |   |
| GED 205     | Psychology in Everyday Life   | 1                   | 2 | 3 | 4 | 5 | 6 | 7 | 9 |    | 13 | 15 |    | LNG 172      | 3    |   |
| GED 252     | Critical Thinking<br>التفكير النقدي   |                     |   |   |   |   |   | 8 |   | 12 |    |    | 17 | None         | 3    |   |
| GED 252     | Critical Thinking   | 1                   | 2 | 3 | 4 | 5 | 6 | 7 | 9 | 11 | 13 | 15 |    | LNG 172      | 3    |   |
| GED 272     | Fundamentals of Public Speaking   | 1                   | 2 | 3 | 4 | 5 | 6 | 7 | 9 |    | 13 | 15 |    | LNG-172      | 3    |   |
| GED 324     | Ethical Reasoning in Today's World<br>التفكير الأخلاقي في عالم اليوم                              |                     |   |   |   |   |   | 8 |   |    |    |    |    | None         | 3    |   |
| GED 324     | Ethical Reasoning in Today's World  | 1                   | 2 | 3 | 4 | 5 | 6 | 7 | 9 |    | 13 | 15 | 16 | LNG 172      | 3    |   |
| GED 160     | Studies in Ancient Civilization<br>دراسات في الحضارة القديمة                                      |                     |   |   |   |   |   | 8 |   |    |    |    |    | None         | 3    |   |
|             | Social  |                     |   |   |   |   |   |   |   |    |    |    |    |              |      |   |
| GED 150     | Foundations for Community Engagement and Social Work  |                     |   |   |   |   |   |   |   | 11 |    |    |    | None         |      |   |
| GED 150     | Foundations for Community Engagement and Social Work<br>مبادئ المشاركة المجتمعية والعمل الاجتماعي |                     |   |   |   |   |   |   |   | 12 |    |    |    | None         |      |   |
| GED 198     | Islamic Culture<br>الثقافة الإسلامية  | 1                   | 2 | 3 | 4 | 5 | 6 | 7 | 9 |    | 12 | 13 | 15 | 16           | None | 3 |
| GED 198     | Islamic Culture   | 1                   | 2 | 3 | 4 | 5 | 6 | 7 | 8 |    | 11 | 13 | 15 | 16           | None | 3 |
| GED 199     | UAE Society   | 1                   | 2 | 3 | 4 | 5 | 6 | 7 | 9 |    | 12 | 13 | 15 | 16           | None | 3 |

| Course Code | Course Title   | Applicable Program* |   |   |   |   |   |   |   |  |    |  |    | Prerequisite | Cr.H |                     |
|-------------|--|---------------------|---|---|---|---|---|---|---|--|----|--|----|--------------|------|---------------------|
|             | مجتمع دولة الامارات العربية المتحدة  |                     |   |   |   |   |   |   |   |  |    |  |    |              |      |                     |
| GED 199     | UAE Society  | 1                   | 2 | 3 | 4 | 5 | 6 | 7 | 8 |  | 11 |  | 13 | 15           | 16   | None 3              |
| GED 265     | Human Rights in Islam<br>&International Conventions<br>حقوق الإنسان في الإسلام والمواثيق الدولية |                     |   |   |   |   |   |   | 8 |  |    |  |    |              |      | None 3              |
| GED 298     | Special Topics in Western Culture  | 1                   | 2 | 3 | 4 | 5 | 6 | 7 | 9 |  |    |  | 13 | 15           |      | LNG-172, GED-198E 3 |

## **Faculty of Communication, Arts and Sciences**

### **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**

Canadian University Dubai

## **Department of Communication**

### **Undergraduate Programs**

**The department of Communication offers the following Undergraduate Programs:**

#### **Bachelor of Arts in Communication**

- **Digital Media and Journalism**
- **Advertising and Integrated Marketing Communications**
- **Public Relations**

#### **Bachelor of Arts in Communication in Advertisement**

##### **Description:**

Advertising is an exciting and fast-paced industry that requires a flair for creative communication. The Bachelor of Arts in Communication - Advertisement 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.

**Duration:** 4 Years (8 Semesters)

**Credit Hours:** 124 Credit Hours

**Credential:** Bachelor Degree Program

**Start:** Fall, Spring, and Summer

##### **Benefits:**

As a graduate of CUD's Bachelor of Arts in Communication - Advertisement, 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

**Bachelor of Arts in Communication in Advertising and Integrated Strategic Communications  
(AIMC) Study Plan**

| Semester                          | Code           | Subject Title   | Pre-requisite                              | Cr.H.      |
|-----------------------------------|----------------|---|--|------------|
| Semester 1                        | GED 101E       | Application of Computer Software                                  | None                                       | 3          |
|                                   | LNG 171        | English I   | None                                       | 3          |
|                                   | GED 196        | Communication Skills in Arabic 1                                  | None                                       | 3          |
|                                   | MCM 100        | Introduction to Mass Communication & Media Studies                | None                                       | 3          |
|                                   | ENT 141        | Fundamentals in Innovation and Entrepreneurship 1                 | None                                       | 2          |
| <b>Total</b>                      |                |   |  | <b>14</b>  |
| Semester 2                        | LNG 172        | English II  | LNG-171                                    | 3          |
|                                   | MCM 250        | Digital Imaging   | None                                       | 3          |
|                                   | MCM 110        | Communication Theories & Media Effects                            | MCM-100                                    | 3          |
|                                   | MCM 115        | Media in the UAE  | MCM 100 & GED-199                          | 3          |
|                                   | MTH 101E       | Statistics  | None                                       | 3          |
|                                   | ENT 142        | Fundamentals in Innovation and Entrepreneurship 2                 | ENT-141                                    | 1          |
| <b>Total</b>                      |                |   |  | <b>16</b>  |
| Semester 3                        | MCM 201        | Writing for Mass Media  | MCM-100 & LNG-172                          | 3          |
|                                   | MCM 130        | Media Ethics and Laws   | MCM-100                                    | 3          |
|                                   | MCM 210        | Media Sociology   | MCM-110                                    | 3          |
|                                   | MCM 420        | Modern World History  | MCM-100                                    | 3          |
|                                   | MCM 140        | Communication Research Methods                                    | MTH-101                                    | 3          |
|                                   | ENT 241        | Entrepreneurship I  | ENT-142                                    | 2          |
| <b>Total</b>                      |                |   |  | <b>17</b>  |
| Semester 4                        | MCM 240        | Media Management  | MCM-100                                    | 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 II   | ENT-241                                    | 1          |
| <b>Total</b>                      |                |   |  | <b>16</b>  |
| Semester 5                        | GED xxx        | Humanities (1)  |  | 3          |
|                                   | MCM 300        | Sustainability Branding   | MCM-100 & 201                              | 3          |
|                                   | AIMC 220       | Research, Measurement and Metrics                                 | MCM 140 & AIMC 200                         | 3          |
|                                   | AIMC 210       | Audience Perceptions and Insights                                 | MCM-110 & (AIMC 200 or PRA 200 or DMP 200) | 3          |
|                                   | <b>GED 199</b> | <b>UAE society</b>  |  | 3          |
| <b>Total</b>                      |                |   |  | <b>15</b>  |
| Semester 6                        | MCM 311        | Media and Politics  | None                                       | 3          |
|                                   | <b>GED XXX</b> | Science & Technology  |  | 3          |
|                                   | AIMC 305       | Rhetoric and Strategic Writing                                    | MCM 201 & AIMC 200                         | 3          |
|                                   | AIMC xxx       | Major Elective (1)  |  | 3          |
|                                   | GED 198E       | Islamic Culture   | None                                       | 3          |
| <b>TOTAL</b>                      |                |   |  | <b>15</b>  |
| <b>MCM 431 MEDIA INTERNSHIP 1</b> |                |   |  | <b>1</b>   |
| <b>SUMMER</b>                     |                |   |  |            |
| Semester 7                        | AIMC xxx       | Major Elective (2)  |  | 3          |
|                                   | MCM 330        | Multi-Platform Storytelling                                       | MCM-201 & 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          |
| <b>Total</b>                      |                |   |  | <b>15</b>  |
| Semester 8                        | MCM 400        | Comparative Global Media Systems & Policy                         | MCM-240                                    | 3          |
|                                   | AIMC xxx       | Major Elective (3)  |  | 3          |
|                                   | AIMC xxx       | Major Elective (4)  |  | 3          |
|                                   | AIMC 425       | AIMC Capstone Project   | AIMC 418                                   | 3          |
|                                   | AIMC 430       | E-Portfolio & Internship II for AIMC                              | MCM 431                                    | <b>3</b>   |
| <b>Total</b>                      |                |   |  | <b>15</b>  |
| <b>Total</b>                      |                |   |  | <b>124</b> |

## Bachelor of Arts in Communication in Advertising and Integrated Strategic Communications Program

### Structure

| <b>Requirements</b>                      | <b>Compulsory Cr. H</b> | <b>Elective Cr. H</b> | <b>Total Cr. H</b> |
|--|-------------------------|-----------------------|--------------------|
| General Education Requirements           | 24                      | 6                     | 30                 |
| Department of Communication Requirements | 52                      | 6                     | 58                 |
| Major Requirements                       | 24                      | 12                    | 36                 |
| <b>Total</b>                             | <b>100</b>              | <b>24</b>             | <b>124</b>         |

#### **List of Compulsory General Education Courses (24 credit hours)**

| <b>Course Code</b> | <b>Course Title</b>                               | <b>Pre-requisite</b> | <b>Cr.H</b> |
|--------------------|---|----------------------|-------------|
| LNG 171            | English I   | None                 | 3           |
| LNG 172            | English II  | LNG-171              | 3           |
| MTH 101E           | Statistics  | None                 | 3           |
| GED 101E           | Applications of Computer Software                 | None                 | 3           |
| GED 198E           | Islamic Culture                                   | None                 | 3           |
| GED 199E           | UAE Society                                       | None                 | 3           |
| GED 196E           | Communication Skills in Arabic (1)                | None                 | 3           |
| ENT 141            | Fundamentals in Innovation and Entrepreneurship 1 | None                 | 2           |
| ENT 142            | Fundamentals in Innovation and Entrepreneurship 2 | ENT-141              | 1           |
| <b>Total</b>       |   |                      | <b>24</b>   |

#### **One course (3 credit hours) to be completed from following list of Humanities Courses**

| <b>Course Code</b> | <b>Course Title</b>                  | <b>Pre-requisite</b> | <b>Cr.H</b> |
|--------------------|--------------------------------------|----------------------|-------------|
| GED 110E           | Modern Art Appreciation              | None                 | 3           |
| GED 111            | 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           |

#### **One course (3 credit hours) to be completed from the following list of Science & Technology Courses**

| <b>Course Code</b> | <b>Pre-requisite</b>                 | <b>Pre-requisite</b> | <b>Cr.H</b> |
|--------------------|--------------------------------------|----------------------|-------------|
| BIO 101            | Human Biology                        | None                 | 3           |
| SHS 103            | Chemistry                            | None                 | 3           |
| GED 125E           | Ecosystems and Human Health - I      | None                 | 3           |
| ENV 201            | Principles of Environmental Sciences | None                 | 3           |
| GED 132E           | Science and Technology in Society    | None                 | 3           |

#### **List of compulsory Department of Communication courses**

| <b>Course Code</b> | <b>Course Title</b>                                | <b>Pre-requisite</b> | <b>Cr.H</b> |
|--------------------|--|----------------------|-------------|
| MCM 100            | Introduction to Mass Communication & Media Studies | None                 | 3           |
| MCM 110            | Communication Theories & Media Effects             | MCM 100              | 3           |
| MCM 115            | Media in the UAE                                   | MCM 100 & GED-199    | 3           |
| MCM 130            | Media Ethics and Laws                              | MCM-100              | 3           |
| MCM 140            | Communication Research Methods                     | MTH-101              | 3           |
| MCM 201            | Writing for Mass Media                             | MCM-100 & LNG-172    | 3           |
| MCM 210            | Media Sociology                                    | MCM-110              | 3           |
| MCM 215            | Audiovisual Production                             | None                 | 3           |
| MCM 240            | Media Management                                   | MCM-100              | 3           |

|              |     |   |                           |           |
|--------------|-----|---|---------------------------|-----------|
| MCM          | 250 | Digital Imaging                           | None                      | 3         |
| MCM          | 335 | Digital & Online Marketing                | MCM-100                   | 3         |
| MCM          | 311 | Media and Politics                        | None                      | 3         |
| MCM          | 330 | Multi-Platform Storytelling               | MCM-201 & 215             | 3         |
| MCM          | 400 | Comparative Global Media Systems & Policy | MCM-240                   | 3         |
| MCM          | 431 | Media Internship I                        | 81 credits and Min 2 CGPA | 1         |
| MCM          | 420 | Modern World History                      | MCM 100                   | 3         |
| GED          | 272 | Fundamentals of Public Speaking           | LNG-172                   | 3         |
| ENT          | 241 | Entrepreneurship I                        | ENT-142                   | 2         |
| ENT          | 242 | Entrepreneurship II                       | ENT-241                   | 1         |
| <b>Total</b> |     |   |                           | <b>52</b> |

**Two courses (6 credit hours) to be completed from the following list of elective courses**

| Course Code | Course Title | Pre-requisite                           | Cr.H              |
|-------------|--------------|---|-------------------|
| MCM         | 300          | Sustainability Branding                 | MCM-100 & 201     |
| MCM         | 305          | Intercultural & Business Communications | MCM-201           |
| MCM         | 410          | Literary and Artistic Criticism         | MCM-201           |
| MCM         | 440          | Cinema Studies                          | MCM-100 & MCM 215 |

**List of compulsory courses in Advertising and Integrated Marketing Communications Major**

| Course code  | Course Title | Prerequisite  | Cr.H                                       |
|--------------|--------------|---|--|
| AIMC         | 200          | Principles of Advertising and Integrated Marketing Communications | None                                       |
| AIMC         | 210          | Audience Perceptions and Insights                                 | MCM-110 & (AIMC 200 or PRA 200 or DMP 200) |
| AIMC         | 220          | <b>Research, Measurement, and Metrics</b>                         | MCM-140 & AIMC-200                         |
| AIMC         | 305          | <b>Rhetoric and Strategic Writing</b>                             | MCM-201 & AIMC-200                         |
| AIMC         | 315          | <b>Creative Advertising Strategies</b>                            | MCM-250 & AIMC-200                         |
| AIMC         | 418          | Communication and Media Planning Strategies                       | DMJ 220 or AIMC 220 or PRA 220             |
| AIMC         | 425          | AIMC Capstone Project   | AIMC-418                                   |
| AIMC         | 430          | <b>E-Portfolio &amp; Internship II for AIMC</b>                   | MCM-431                                    |
| <b>Total</b> |              |   | <b>24</b>                                  |

**Four courses (12 credit hours) must be completed from the following list of courses**

| Course code | Course Title | Prerequisite                                 | Cr.H                |
|-------------|--------------|--|---------------------|
| DMJ         | 305          | Graphics for Digital Media & Journalism      | MCM 250             |
| DMJ         | 317          | Digital Photography                          | MCM 250             |
| DMP         | 210          | Digital Media Production                     | MCM 250             |
| MKT         | 230          | Professional Selling                         | AIMC 210 or MKT 208 |
| PRA         | 310          | <b>Brand Value and Reputation Management</b> | PRA 200 or AIMC 200 |

## **Bachelor of Arts in Communication in Digital Media and Journalism**

### **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 - Journalism 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.

**Duration:** 4 Years (8 Semesters)

**Credit Hours:** 124 Credit Hours

**Credential:** Bachelor Degree Program

**Start:** Fall, Spring, and Summer

### **Benefits:**

As a graduate of CUD's Bachelor of Arts in Communication - Journalism, 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 in Digital Media and Journalism Study Plan

| Semester                          | Code     | Subject Title                                      | Pre-requisite     | Cr.H.      |
|-----------------------------------|----------|--|-------------------|------------|
| Semester 1                        | GED 101E | Application of Computer Software                   | None              | 3          |
|                                   | LNG 171  | English I  | None              | 3          |
|                                   | GED 196  | Communication Skills in Arabic 1                   | None              | 3          |
|                                   | MCM 100  | Introduction to Mass Communication & Media Studies | None              | 3          |
|                                   | ENT 141  | Fundamentals in Innovation and Entrepreneurship 1  | None              | 2          |
| <b>Total</b>                      |          |  |                   | <b>14</b>  |
| Semester 2                        | LNG 172  | English II   | LNG-171           | 3          |
|                                   | MCM 250  | Digital Imaging                                    | None              | 3          |
|                                   | MCM 110  | Communication Theories & Media Effects             | MCM-100           | 3          |
|                                   | MCM 115  | Media in the UAE                                   | MCM 100 & GED-199 | 3          |
|                                   | MTH 101E | Statistics   | None              | 3          |
|                                   | ENT 142  | Fundamentals in Innovation and Entrepreneurship 2  | ENT-141           | 1          |
| <b>Total</b>                      |          |  |                   | <b>16</b>  |
| Semester 3                        | MCM 201  | Writing for Mass Media                             | MCM-100 & LNG-172 | 3          |
|                                   | MCM 130  | Media Ethics and Laws                              | MCM-100           | 3          |
|                                   | MCM 210  | Media Sociology                                    | MCM-110           | 3          |
|                                   | MCM 420  | Modern World History                               | MCM-100           | 3          |
|                                   | MCM 140  | Communication Research Methods                     | MTH-101           | 3          |
|                                   | ENT 241  | Entrepreneurship I                                 | ENT-142           | 2          |
| <b>Total</b>                      |          |  |                   | <b>17</b>  |
| Semester 4                        | MCM 240  | Media Management                                   | MCM-100           | 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 II                                | ENT-241           | 1          |
| <b>Total</b>                      |          |  |                   | <b>16</b>  |
| Semester 5                        | GED xxx  | Humanities (1)                                     |                   | 3          |
|                                   | MCM 300  | Sustainability Branding                            | MCM-100 & 20`     | 3          |
|                                   | DMJ 220  | Research and Data Analytics for DMJ                | MCM 140           | 3          |
|                                   | DMJ 210  | News Writing & Editing                             | MCM 201           | 3          |
|                                   | GED 199E | UAE Society  |                   | 3          |
| <b>Total</b>                      |          |  |                   | <b>15</b>  |
| Semester 6                        | MCM 311  | Media and Politics                                 | None              | 3          |
|                                   | GED xxx  | Science & Technology                               |                   | 3          |
|                                   | DMJ 305  | Graphics for Digital Media & Journalism            | MCM 250           | 3          |
|                                   | DMJ xxx  | Major Elective (1)                                 |                   | 3          |
|                                   | GED 198E | Islamic Culture                                    | None              | 3          |
| <b>MCM 431 MEDIA INTERNSHIP 1</b> |          |  |                   | <b>1</b>   |
| <b>Total</b>                      |          |  |                   | <b>15</b>  |
| Semester 7                        | DMJ xxx  | Major Elective (2)                                 |                   | 3          |
|                                   | MCM 330  | Multi-Platform Storytelling                        | MCM-201 & 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          |
| <b>Total</b>                      |          |  |                   | <b>15</b>  |
| Semester 8                        | MCM 400  | Comparative Global Media Systems & Policy          | MCM 240           | 3          |
|                                   | DMJ xxx  | Major Elective (3)                                 |                   | 3          |
|                                   | DMJ xxx  | Major Elective (4)                                 |                   | 3          |
|                                   | DMJ 425  | DMJ Capstone Project                               | DMJ 210 & 220     | 3          |
|                                   | DMJ 430  | E-Portfolio & Internship II for DMJ                | MCM 430           | 3          |
| <b>Total</b>                      |          |  |                   | <b>15</b>  |
| <b>Total</b>                      |          |  |                   | <b>124</b> |

## **Bachelor of Arts in Communication in Digital Media and Journalism Program Structure**

The structure of the Program is the following:

| <b>Requirements</b>                      | <b>Compulsory Cr. H</b> | <b>Elective Cr. H</b> | <b>Total Cr. H</b> |
|--|-------------------------|-----------------------|--------------------|
| General Education Requirements           | 24                      | 6                     | 30                 |
| Department of Communication Requirements | 52                      | 6                     | 58                 |
| Major Requirements                       | 24                      | 12                    | 36                 |
| <b>Total</b>                             | <b>100</b>              | <b>24</b>             | <b>124</b>         |

### **List of Compulsory General Education Courses (24 credit hours)**

| <b>Course Code</b> | <b>Course Title</b>                               | <b>Pre-requisite</b> | <b>Cr.H</b> |
|--------------------|---|----------------------|-------------|
| LNG 171            | English I   | None                 | 3           |
| LNG 172            | English II  | LNG-171              | 3           |
| MTH 101E           | Statistics  | None                 | 3           |
| GED 101E           | Applications of Computer Software                 | None                 | 3           |
| GED 198E           | Islamic Culture                                   | None                 | 3           |
| GED 199E           | UAE Society                                       | None                 | 3           |
| GED 196E           | Communication Skills in Arabic (1)                | None                 | 3           |
| ENT 141            | Fundamentals in Innovation and Entrepreneurship 1 | None                 | 2           |
| ENT 142            | Fundamentals in Innovation and Entrepreneurship 2 | ENT-141              | 1           |
| <b>Total</b>       |   |                      | <b>24</b>   |

### **One course (3 credit hours) to be completed from following list of Humanities Courses**

| <b>Course Code</b> | <b>Course Title</b>                  | <b>Pre-requisite</b> | <b>Cr.H</b> |
|--------------------|--------------------------------------|----------------------|-------------|
| GED 110E           | Modern Art Appreciation              | None                 | 3           |
| GED 111            | 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           |

### **One course (3 credit hours) to be completed from the following list of Science & Technology Courses**

| <b>Course Code</b> | <b>Pre-requisite</b>                 | <b>Pre-requisite</b> | <b>Cr.H</b> |
|--------------------|--------------------------------------|----------------------|-------------|
| BIO 101            | Human Biology                        | None                 | 3           |
| SHS 103            | Chemistry                            | None                 | 3           |
| GED 125E           | Ecosystems and Human Health - I      | None                 | 3           |
| ENV 201            | Principles of Environmental Sciences | None                 | 3           |
| GED 132E           | Science and Technology in Society    | None                 | 3           |

### **List of compulsory Department of Communication courses**

| <b>Course Code</b> | <b>Course Title</b>                                | <b>Pre-requisite</b> | <b>Cr.H</b> |
|--------------------|--|----------------------|-------------|
| MCM 100            | Introduction to Mass Communication & Media Studies | None                 | 3           |
| MCM 110            | Communication Theories & Media Effects             | MCM 100              | 3           |
| MCM 115            | Media in the UAE                                   | MCM 100 & GED-199    | 3           |
| MCM 130            | Media Ethics and Laws                              | MCM-100              | 3           |
| MCM 140            | Communication Research Methods                     | MTH-101              | 3           |
| MCM 201            | Writing for Mass Media                             | MCM-100 & LNG-172    | 3           |
| MCM 210            | Media Sociology                                    | MCM-110              | 3           |
| MCM 215            | Audiovisual Production                             | None                 | 3           |

|              |     |   |                           |           |
|--------------|-----|---|---------------------------|-----------|
| MCM          | 240 | Media Management                          | MCM-100                   | 3         |
| MCM          | 250 | Digital Imaging                           | None                      | 3         |
| MCM          | 335 | Digital & Online Marketing                | MCM-100                   | 3         |
| MCM          | 311 | Media and Politics                        | None                      | 3         |
| MCM          | 330 | Multi-Platform Storytelling               | MCM-201 & 215             | 3         |
| MCM          | 400 | Comparative Global Media Systems & Policy | MCM-240                   | 3         |
| MCM          | 431 | Media Internship I                        | 81 credits and Min 2 CGPA | 1         |
| MCM          | 420 | Modern World History                      | MCM 100                   | 3         |
| GED          | 272 | Fundamentals of Public Speaking           | LNG-172                   | <b>3</b>  |
| ENT          | 241 | Entrepreneurship I                        | ENT-142                   | 2         |
| ENT          | 242 | Entrepreneurship II                       | ENT-241                   | 1         |
| <b>Total</b> |     |   |                           | <b>52</b> |

**Two courses (6 credit hours) to be completed from the following list of elective courses**

| Course Code | Course Title                            | Pre-requisite     | Cr.H |
|-------------|---|-------------------|------|
| MCM 300     | Sustainability Branding                 | MCM-100 & 201     | 3    |
| MCM 305     | Intercultural & Business Communications | MCM-201           | 3    |
| MCM 410     | Literary and Artistic Criticism         | MCM-201           | 3    |
| MCM 440     | Cinema Studies                          | MCM-100 & MCM 215 | 3    |

### Compulsory Major courses in Digital Media and Journalism

| Course Code  | Course Title                               | Pre-requisite     | Cr.H      |
|--------------|--|-------------------|-----------|
| DMJ 200      | Principles of Digital Media and Journalism | None              | 3         |
| DMJ 210      | News Writing & Editing                     | 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      | Broadcast Journalism                       | MCM 215 & DMJ 210 | 3         |
| DMJ 425      | DMJ Capstone Project                       | DMJ 220 & 305     | 3         |
| DMJ 430      | E-Portfolio & Internship II for DMJ        | MCM 431           | 3         |
| <b>Total</b> |  |                   | <b>24</b> |

**4 courses (12 credit hours) must be completed from the following list of courses**

| Course Code | Course Title                      | Pre-requisite      | Cr.H |
|-------------|-----------------------------------|--------------------|------|
| 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 205     | Crisis Communication              | MCM 100            | 3    |

## **Bachelor of Arts in Communication in Public Relations**

### **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.

**Duration:** 4 Years (8 Semesters)

**Credit Hours:** 124 Credit Hours

**Credential:** Bachelor Degree Program

**Start:** Fall, Spring, and Summer

### **Benefits:**

As a graduate of CUD's Bachelor of Arts in Communication - Public Relations, 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

## Bachelor of Arts in Communications in Public Relations Study Plan

| Semester      | Code           | Subject Title                                      | Pre-requisite       | Cr.H.     |            |
|---------------|----------------|--|---------------------|-----------|------------|
| Semester 1    | GED 101E       | Application of Computer Software                   | None                | 3         |            |
|               | LNG 171        | English I  | None                | 3         |            |
|               | GED 196        | Communication Skills in Arabic 1                   | None                | 3         |            |
|               | MCM 100        | Introduction to Mass Communication & Media Studies | None                | 3         |            |
|               | ENT 141        | Fundamentals in Innovation and Entrepreneurship 1  | None                | 2         |            |
| <b>Total</b>  |                |  |                     | <b>14</b> |            |
| Semester 2    | LNG 172        | English II   | LNG-171             | 3         |            |
|               | MCM 250        | Digital Imaging                                    | None                | 3         |            |
|               | MCM 110        | Communication Theories & Media Effects             | MCM-100             | 3         |            |
|               | MCM 115        | Media in the UAE                                   | MCM 100 & GED-199   | 3         |            |
|               | MTH 101E       | Statistics   | None                | 3         |            |
|               | ENT 142        | Fundamentals in Innovation and Entrepreneurship 2  | ENT-141             | 1         |            |
| <b>Total</b>  |                |  |                     | <b>16</b> |            |
| Semester 3    | MCM 201        | Writing for Mass Media                             | MCM-100 & LNG-172   | 3         |            |
|               | MCM 130        | Media Ethics and Laws                              | MCM-100             | 3         |            |
|               | MCM 210        | Media Sociology                                    | MCM-110             | 3         |            |
|               | MCM 420        | Modern World History                               | MCM-100             | 3         |            |
|               | MCM 140        | Communication Research Methods                     | MTH-101             | 3         |            |
|               | ENT 241        | Entrepreneurship I                                 | ENT-142             | 2         |            |
| <b>Total</b>  |                |  |                     | <b>17</b> |            |
| Semester 4    | MCM 240        | Media Management                                   | MCM-100             | 3         |            |
|               | MCM 215        | Audiovisual Production                             | None                | 3         |            |
|               | MCM xxx        | Core Elective (1)                                  |                     | 3         |            |
|               | PRA 200        | Principles of Public Relations                     | None                | 3         |            |
|               | GED 272        | Fundamentals of Public Speaking                    | LNG-172             | 3         |            |
|               | ENT 242        | Entrepreneurship II                                | ENT-241             | 1         |            |
| <b>Total</b>  |                |  |                     | <b>16</b> |            |
| Semester 5    | GED xxx        | Humanities (1)                                     |                     | 3         |            |
|               | MCM 300        | Sustainability Branding                            | MCM-100 & 201       | 3         |            |
|               | PRA 220        | Research Methods for PR                            | MCM 140             | 3         |            |
|               | PRA 210        | Writing for Public Relations                       | MCM 201             | 3         |            |
|               | <b>GED 199</b> | <b>UAE Society</b>                                 |                     | 3         |            |
| <b>Total</b>  |                |  |                     | <b>15</b> |            |
| Semester 6    | MCM 311        | Media and Politics                                 | None                | 3         |            |
|               | <b>GED XXX</b> | Science & Technology                               |                     | 3         |            |
|               | PRA 230        | Online Public Relations                            | PRA 220             | 3         |            |
|               | PRA xxx        | Major Elective (1)                                 |                     | 3         |            |
|               | GED 198E       | Islamic Culture                                    | None                | 3         |            |
|               | <b>Total</b>   |  |                     |           | <b>15</b>  |
| <b>SUMMER</b> | MCM 431        | Media Internship                                   |                     | 1         |            |
| Semester 7    | PRA xxx        | Major Elective (2)                                 |                     | 3         |            |
|               | MCM 330        | Multi-Platform Storytelling                        | MCM-201 & 215       | 3         |            |
|               | PRA 310        | Brand Value and Reputation Management              | PRA 200 or AIMC 200 | 3         |            |
|               | PRA 315        | Management in PR Agencies                          | MCM 240             | 3         |            |
|               | MCM xxx        | Core Elective (2)                                  |                     | 3         |            |
|               | <b>Total</b>   |  |                     |           | <b>15</b>  |
| Semester 8    | MCM 400        | Comparative Global Media Systems & Policy          | MCM-240             | 3         |            |
|               | PRA xxx        | Major Elective (3)                                 |                     | 3         |            |
|               | PRA xxx        | Major Elective (4)                                 |                     | 3         |            |
|               | PRA 420        | PR Capstone Project                                | DMJ 200 & 315       | 3         |            |
|               | PRA 430        | E-Portfolio & Internship II                        | MCM 431             | <b>3</b>  |            |
|               | <b>Total</b>   |  |                     |           | <b>15</b>  |
| <b>Total</b>  |                |  |                     |           | <b>124</b> |

## Bachelor of Arts in Communication in Public Relations Program Structure

### **Program structure:**

The structure of the Program is the following:

| Requirements                             | Compulsory Cr. H | Elective Cr. H | Total Cr. H |
|--|------------------|----------------|-------------|
| General Education Requirements           | 24               | 6              | 30          |
| Department of Communication Requirements | 52               | 6              | 58          |
| Major Requirements                       | 24               | 12             | 36          |
| <b>Total</b>                             | <b>100</b>       | <b>24</b>      | <b>124</b>  |

### **List of Compulsory General Education Courses (24 credit hours)**

| Course Code  | Course Title                                      | Pre-requisite | Cr.H      |
|--------------|---|---------------|-----------|
| LNG 171      | English I   | None          | 3         |
| LNG 172      | English II  | LNG-171       | 3         |
| MTH 101E     | Statistics  | None          | 3         |
| GED 101E     | Applications of Computer Software                 | None          | 3         |
| GED 198E     | Islamic Culture                                   | None          | 3         |
| GED 199E     | UAE Society                                       | None          | 3         |
| GED 196E     | Communication Skills in Arabic (1)                | None          | 3         |
| ENT 141      | Fundamentals in Innovation and Entrepreneurship 1 | None          | 2         |
| ENT 142      | Fundamentals in Innovation and Entrepreneurship 2 | ENT-141       | 1         |
| <b>Total</b> |   |               | <b>24</b> |

### **One course (3 credit hours) to be completed from following list of Humanities Courses**

| Course Code | Course Title                         | Pre-requisite      | Cr.H |
|-------------|--------------------------------------|--------------------|------|
| GED 110E    | Modern Art Appreciation              | None               | 3    |
| GED 111     | 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    |

### **One course (3 credit hours) to be completed from the following list of Science & Technology Courses**

| Course Code | Pre-requisite                        | Pre-requisite | Cr.H |
|-------------|--------------------------------------|---------------|------|
| BIO 101     | Human Biology                        | None          | 3    |
| SHS 103     | Chemistry                            | None          | 3    |
| GED 125E    | Ecosystems and Human Health - I      | None          | 3    |
| ENV 201     | Principles of Environmental Sciences | None          | 3    |
| GED 132E    | Science and Technology in Society    | None          | 3    |

**List of compulsory Department of Communication courses**

| Course Code  |     | Course Title                                       | Pre-requisite             | Cr.H      |
|--------------|-----|--|---------------------------|-----------|
| MCM          | 100 | Introduction to Mass Communication & Media Studies | None                      | 3         |
| MCM          | 110 | Communication Theories & Media Effects             | MCM 100                   | 3         |
| MCM          | 115 | Media in the UAE                                   | MCM 100 & GED-199         | 3         |
| MCM          | 130 | Media Ethics and Laws                              | MCM-100                   | 3         |
| MCM          | 140 | Communication Research Methods                     | MTH-101                   | 3         |
| MCM          | 201 | Writing for Mass Media                             | MCM-100 & LNG-172         | 3         |
| MCM          | 210 | Media Sociology                                    | MCM-110                   | 3         |
| MCM          | 215 | Audiovisual Production                             | None                      | 3         |
| MCM          | 240 | Media Management                                   | MCM-100                   | 3         |
| MCM          | 250 | Digital Imaging                                    | None                      | 3         |
| MCM          | 335 | Digital & Online Marketing                         | MCM-100                   | 3         |
| MCM          | 311 | Media and Politics                                 | None                      | 3         |
| MCM          | 330 | Multi-Platform Storytelling                        | MCM-201 & 215             | 3         |
| MCM          | 400 | Comparative Global Media Systems & Policy          | MCM-240                   | 3         |
| MCM          | 431 | Media Internship I                                 | 81 credits and Min 2 CGPA | 1         |
| MCM          | 420 | Modern World History                               | MCM 100                   | 3         |
| GED          | 272 | Fundamentals of Public Speaking                    | LNG-172                   | 3         |
| ENT          | 241 | Entrepreneurship I                                 | ENT-142                   | 2         |
| ENT          | 242 | Entrepreneurship II                                | ENT-241                   | 1         |
| <b>Total</b> |     |  |                           | <b>52</b> |

**Two courses (6 credit hours) to be completed from the following list of elective courses**

| Course Code |     | Course Title                            | Pre-requisite     | Cr.H |
|-------------|-----|---|-------------------|------|
| MCM         | 300 | Sustainability Branding                 | MCM-100 & 201     | 3    |
| MCM         | 305 | Intercultural & Business Communications | MCM-201           | 3    |
| MCM         | 410 | Literary and Artistic Criticism         | MCM-201           | 3    |
| MCM         | 440 | Cinema Studies                          | MCM-100 & MCM 215 | 3    |

**List of compulsory courses in Advertising and Integrated Marketing Communications Major**

| Course code |     | Course Title  | Prerequisite                               | Cr.H |
|-------------|-----|---|--|------|
| AIMC        | 200 | Principles of Advertising and Integrated Marketing Communications | None                                       | 3    |
| AIMC        | 210 | <u>Audience Perceptions and Insights</u>                          | MCM-110 & (AIMC 200 or PRA 200 or DMP 200) | 3    |
| AIMC        | 220 | <b>Research, Measurement, and Metrics</b>                         | MCM-140 & AIMC-200                         | 3    |
| AIMC        | 305 | <b>Rhetoric and Strategic Writing</b>                             | MCM-201 & AIMC-200                         | 3    |
| AIMC        | 315 | <b>Creative Advertising Strategies</b>                            | 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 & Internship II for AIMC | MCM-431 | 3         |
| <b>Total</b> |     |                                      |         | <b>24</b> |

**Four courses (12 credit hours) must be completed from the following list of courses**

| Course code | Course Title                                 | Prerequisite        | Cr.H |
|-------------|--|---------------------|------|
| 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 208 | 3    |
| PRA 310     | <b>Brand Value and Reputation Management</b> | PRA 200 or AIMC 200 | 3    |

**List of compulsory courses of Public Relations Major**

| Course code  | Course Title                          | Prerequisite        | Cr.H.     |
|--------------|---------------------------------------|---------------------|-----------|
| PRA 200      | Principles of Public Relations        | None                | 3         |
| PRA 210      | Writing for Public Relations          | MCM 201             | 3         |
| PRA 220      | Research Methods for PR               | MCM 140             | 3         |
| PRA 230      | Online Public Relations               | PRA 220             | 3         |
| PRA 310      | Brand Value and Reputation Management | PRA 200 or AIMC 200 | 3         |
| PRA 315      | Management in Public Agencies         | MCM 240             | 3         |
| PRA 420      | PR Capstone Project                   | PRA 200 & 315       | 3         |
| PRA 430      | E-Portfolio & Internship II for PR    | MCM 431             | 3         |
| <b>Total</b> |                                       |                     | <b>24</b> |

**Panel E2: 4 courses (12 credit hours) must be completed from the following list of courses**

| Course code | Course Title (New)                          | Prerequisite                               | Cr.H. |
|-------------|---|--|-------|
| AIMC 210    | Audience Perceptions and Insights           | MCM-110 & (AIMC-200 or PRA 200 or DMP 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 205     | Crisis Communication                        | MCM 100                                    | 3     |
| PRA 425     | International Public Relations              | PRA 200                                    | 3     |

## **برنامج بكالوريوس الآداب في علم الاجتماع التطبيقي**

### **الوصف:**

علم الاجتماع التطبيقي هو أحد البرامج الجديدة المطروحة في الجامعة، والذى يهدف الى تحقيق رؤية الجامعة ورسالتها القائمة على التوجهات الاستراتيجية للتعليم العالى في دولة الامارات العربية المتحدة من حيث الإسهام في تطوير الفكر الإنساني والمساهمة في خدمة المجتمع. وبعد علم الاجتماع التطبيقي أحد أهم الفروع في علم الاجتماع إذ يستخدم الأدوات الخاصة بعلم الاجتماع في اجراء بحوث تقويمية أو العمل في مجال حل المشاكل في 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، وتأكدتها البرامج الدراسية القائمة في الدولة وخارجها. وتشمل هذه الكفاءات محاور تتعلق بالمعرفة والمهارات وبالتفكير التحليلي والنقدى، واستخدام تكنولوجيا المعلومات والاتصالات، واحترام التنوع الثقافي والإنسانى، ومهارات الاتصال، ومهارات القيادة، ومهارات حل المشكلات، وغيرها.

### **المزايا:**

يهدف البرنامج إلى تخريج وإعداد أرباب هذه المهنة وهم الأخصائيون الاجتماعيون، وذلك طبقاً لقواعد أسس علمية حديثة تتفق مع طبيعة المجتمعات المتطرفة.

### **فرص التوظيف:**

يحصل الخريجون على فرص توظيف في الميادين التالية:

تم تصميم برنامج بكالوريوس الآداب في علم الاجتماع التطبيقي ليزود الطلاب بخلفية متخصصة في مجال عملهم، وإعدادهم لشغل الوظائف في المجالات التي تعنى بذلك على سبيل المثال لا الحصر البرامج التنموية والتقويمية، وتحليل السياسات الاجتماعية والأمنية والصحة والبحث والجريمة والإدمان والمسنين والمرأة وهي مجالات وخصصات تحتاجها المؤسسات الاجتماعية في كل القطاعين العام والخاص.

**مدة الدراسة: 4 سنوات (8 فصول)**

**الساعات المعتمدة: 123 ساعة**

**الدرجة العلمية الممنوحة: درجة البكالوريوس**

**البداية:** يمكن للطلاب الإنتحاق بالبرنامج من بداية فصل الخريف والربع الصيفي

## الخطة الدراسية لبرنامج بكالوريوس الآداب في الإجتماع التطبيقي

| الفصل الدراسي                           | رمز المنسق                         | المساق                                     | المتطلب السابق                             | الساعات المعتمدة |  |  |  |  |
|---|------------------------------------|--|--|------------------|--|--|--|--|
| الأول                                   | LNG 161                            | اللغة الانجليزية (1)                       | لا يوجد                                    | 3                |  |  |  |  |
|   | GED xxx                            | اختراري من مجموعة العلوم والتكنولوجيا      | لا يوجد                                    | 3                |  |  |  |  |
|   | GED 198                            | الثقافة الإسلامية                          | لا يوجد                                    | 3                |  |  |  |  |
|   | SOC-100                            | مقدمة في علم الاجتماع                      | لا يوجد                                    | 3                |  |  |  |  |
|   | GED-101                            | تطبيقات في برمجيات الحاسوب                 | لا يوجد                                    | 3                |  |  |  |  |
|   | <b>اجمالي الساعات المعتمدة</b>     |  |  |                  |  |  |  |  |
| الثاني                                  | GED xxx                            | اختراري من مجموعة الإنسانيات               | لا يوجد                                    | 3                |  |  |  |  |
|   | LNG-162                            | اللغة الانجليزية (2)                       | LNG 161                                    | 3                |  |  |  |  |
|   | MTH-195                            | الإحصاء التطبيقي                           | اختبار تحديد مستوى في الرياضيات أو MTH 011 | 3                |  |  |  |  |
|   | 110-SOC                            | مقدمة في الخدمة الاجتماعية                 | SOC-100                                    | 3                |  |  |  |  |
|   | GED 199                            | مجتمع دولة الإمارات العربية المتحدة        | لا يوجد                                    | 3                |  |  |  |  |
|   | <b>اجمالي الساعات المعتمدة</b>     |  |  |                  |  |  |  |  |
| الثالث                                  | SOC-250                            | الإحصاء الاجتماعي                          | MTH-195                                    | 3                |  |  |  |  |
|   | SOC-105                            | مقدمة في علم الأنثروبولوجيا                | 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                |  |  |  |  |
|   | <b>اجمالي الساعات المعتمدة</b>     |  |  |                  |  |  |  |  |
| 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 الاجتماعية             | SOC-250                                    | 3                |  |  |  |  |
|   | اختراري حر 1                       |  |  |                  |  |  |  |  |
|   | <b>اجمالي الساعات المعتمدة</b>     |  |  |                  |  |  |  |  |
| الخامس                                  | SOC-315                            | علم الاجتماع ومشكلات الأسرة                | 100-SOC                                    | 3                |  |  |  |  |
|   | SOC-320                            | علم اجتماع الطفولة                         | 315-SOC                                    | 3                |  |  |  |  |
|   | SOC-325                            | علم اجتماع العمل والسلوك التنظيمي          | 220-SOC                                    | 3                |  |  |  |  |
|   | SOC-340                            | علم الاجتماع القانوني                      | 240-SOC                                    | 3                |  |  |  |  |
|   | GED 140                            | أساسيات الإبتكار وريادة الأعمال            | لا يوجد                                    | 3                |  |  |  |  |
|   | APS- xxx                           | متطلب تخصص اختياري (1)                     |  | 3                |  |  |  |  |
| <b>اجمالي الساعات المعتمدة</b>          |                                    |  |  |                  |  |  |  |  |
| السادس                                  | SOC-360                            | اختراري حر 2                               |  | 3                |  |  |  |  |
|   | SOC-345                            | إدارة المؤسسات الاجتماعية                  | 325-SOC                                    | 3                |  |  |  |  |
|   | SOC-350                            | مهارات الممارسة الاجتماعية                 | لا يوجد                                    | 3                |  |  |  |  |
|   | SOC-355                            | علم النفس الاجتماعي                        | 315-SOC                                    | 3                |  |  |  |  |
|   | التوجيه والإرشاد النفسي والاجتماعي |  |  |                  |  |  |  |  |
|   | <b>اجمالي الساعات المعتمدة</b>     |  |  |                  |  |  |  |  |
| 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                |  |  |  |  |
|   | <b>اجمالي الساعات المعتمدة</b>     |  |  |                  |  |  |  |  |
| الثامن                                  | SOC-425                            | الأبعاد الاجتماعية والنفسية للطرف          | لا يوجد                                    | 3                |  |  |  |  |
|   | APS- xxx                           | متطلب تخصص اختياري (3)                     | لا يوجد                                    | 3                |  |  |  |  |
|   | SOC-435                            | التدريب الميداني                           | اكمل 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                |  |  |  |  |
|   | <b>اجمالي الساعات المعتمدة</b>     |  |  |                  |  |  |  |  |
| <b>اجمالي الساعات المعتمدة للبرنامج</b> |                                    |  |  |                  |  |  |  |  |
| <b>123</b>                              |                                    |  |  |                  |  |  |  |  |

## هيكل برنامج بكالوريوس الآداب في علم الاجتماع التطبيقي

| الساعات المعتمدة |           |           | المساقات                 | م               |
|------------------|-----------|-----------|--------------------------|-----------------|
| اجمالي           | اختيارية  | إجبارية   |                          |                 |
| 27               | 6         | 21        | متطلبات جامعية           | 1               |
| 90               | 12        | 78        | متطلبات إجبارية للبرنامج | 2               |
| 6                | 6         | --        | مساقات حرة               | 3               |
| <b>123</b>       | <b>24</b> | <b>99</b> |                          | <b>الإجمالي</b> |

### متطلبات الجامعة

| رمز المنسق  | اسم المساق                          | المتطلبات المسبقة                          | الساعات المعتمدة |
|---|-------------------------------------|--|------------------|
| <b>1) المتطلبات الجامعية الإجبارية (21 ساعة معتمدة) كالتالي:</b>  |                                     |  |                  |
| LNG   | لغة إنجليزية 1                      | لا يوجد                                    | 3                |
| LNG   | لغة إنجليزية 2                      | LNG-161                                    | 3                |
| GED   | الثقافة الإسلامية                   | لا يوجد                                    | 3                |
| MTH   | الإحصاء التطبيقي                    | اختبار تحديد مستوى في الرياضيات أو MTH 011 | 3                |
| GED   | تطبيقات في برمجيات الحاسوب          | لا يوجد                                    | 3                |
| ENT   | أساسيات الإبتكار وريادة الأعمال 1   | لا يوجد                                    | 2                |
| ENT   | أساسيات الإبتكار وريادة الأعمال 2   | ENT 141                                    | 1                |
| GED   | مجتمع دولة الإمارات العربية المتحدة | لا يوجد                                    | 3                |
| <b>المجموع الكلي</b>  |                                     |  |                  |
| <b>2) العلوم الإنسانية: يجب أن يختار الطالب مساق واحد من المساقات التالية (3 ساعات معتمدة)</b>            |                                     |  |                  |
| GED   | تقدير الفن الحديث                   | لا يوجد                                    | 3                |
| GED   | مهارات التواصل باللغة العربية 1     | لا يوجد                                    | 3                |
| GED   | تقدير الموسيقى والتواصل             | لا يوجد                                    | 3                |
| GED   | التفكير النقدي                      | LNG-162                                    | 3                |
| <b>المجموع الكلي</b>  |                                     |  |                  |
| <b>2) العلوم والتكنولوجيا: يجب أن يختار طلاب بكالوريوس مساق واحد من المساقات التالية (3 ساعات معتمدة)</b> |                                     |  |                  |
| BIO   | توحيد عمليات الحياة                 | لا يوجد                                    | 3                |
| GED   | النظم الإيكولوجية وصحة الإنسان      | لا يوجد                                    | 3                |
| GED   | العلم والتكنولوجيا في المجتمع       | لا يوجد                                    | 3                |

### متطلبات البرنامج الإجبارية (78 ساعة معتمدة)

| رمز المنسق | اسم المساق                     | المطلب السابق | ساعة معتمدة |
|------------|--------------------------------|---------------|-------------|
| SOC-100    | مقدمة في علم الاجتماع          | لا يوجد       | 3           |
| SOC-105    | مقدمة في علم الأنثروبولوجيا    | 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           |

| رمز المنسق | اسم المنسق                                 | المطلب السابق       | ساعة معتمدة |
|------------|--|---------------------|-------------|
| 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                  | 100-SOC             | 3           |
| SOC-320    | علم اجتماع الطفولة                         | 315-SOC             | 3           |
| SOC-325    | علم اجتماع العمل والسلوك التنظيمي          | 220-SOC             | 3           |
| SOC-340    | علم الاجتماع القانوني                      | 240-SOC             | 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 مشاريع 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                           | اكمل 90 ساعة معتمدة | 3           |
| SOC-440    | مشروع التخرج في علم الاجتماع               | SOC-115 & SOC-210   | 3           |

**5.3. المتطلبات الاختيارية لتخصص الاجتماع التطبيقي (12 ساعات معتمدة): يختار الطالب عدد 4 مساقات من القائمة التالية:**

| رمز المنسق | اسم المنسق                   | المطلب 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 الطبيعي         | 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 علم الاجتماع 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 الاجتماع                       | لا يوجد                                    | 3                |
|   | 101-GED                        | تطبيقات في برمجيات الحاسوب                  | لا يوجد                                    | 3                |
|   | ENT-141                        | أساسيات الابتكار وريادة الأعمال 1           | لا يوجد                                    | 2                |
|   | <b>إجمالي الساعات المعتمدة</b> |   |  |                  |
| الثاني                                  | GED xxx                        | اختياري من مجموعة الإنسانيات                | لا يوجد                                    | 3                |
|   | 162-LNG                        | اللغة الانجليزية (2)                        | LNG 161                                    | 3                |
|   | 195-MTH                        | التطبيقى الإحصاء                            | اختبار تحديد مستوى فى الرياضيات أو MTH 011 | 3                |
|   | SOC-110                        | مقدمة في الخدمة الاجتماعية                  | SOC-100                                    | 3                |
|   | GED 199                        | مجتمع دولة الإمارات العربية المتحدة         | لا يوجد                                    | 3                |
|   | ENT-142                        | أساسيات الابتكار وريادة الأعمال 2           | ENT-141                                    | 2                |
|   | <b>إجمالي الساعات المعتمدة</b> |   |  |                  |
| الثالث                                  | SOC-105                        | مقدمة في علم الأنثروبولوجيا                 | لا يوجد                                    | 3                |
|   | SOC-205                        | علم الاجتماع الحضري                         | لا يوجد                                    | 3                |
|   | SOC-210                        | مشكلات اجتماعية                             | SOC-110                                    | 3                |
|   | SOC-250                        | الإحصاء الاجتماعي                           | MTH-195                                    | 3                |
|   | SOC-215                        | علم الاجتماع التربوي                        | لا يوجد                                    | 3                |
| <b>إجمالي الساعات المعتمدة</b>          |                                |   |  |                  |
| 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 البحث الاجتماعية               | SOC-250                                    | 3                |
|   | اخترائي حر 1                   |   |  |                  |
| <b>إجمالي الساعات المعتمدة</b>          |                                |   |  |                  |
| 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                |
|   | APS- xxx                       | (1) متطلب تخصص اختياري                      |  |                  |
| <b>إجمالي الساعات المعتمدة</b>          |                                |   |  |                  |
| السادس                                  | SOC-360                        | إدارة المؤسسات الاجتماعية                   | اخترائي حر 2                               | 3                |
|   | SOC-345                        | مهارات الممارسة الاجتماعية                  | SOC-325                                    | 3                |
|   | SOC-350                        | علم النفس الاجتماعي                         | SOC-315                                    | 3                |
|   | SOC-355                        | التوجيه والإرشاد النفسي والاجتماعي          | لا يوجد                                    | 3                |
|   | <b>إجمالي الساعات المعتمدة</b> |   |  |                  |
| 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 (سمinar) في مجال الاجتماع التطبيقي | لا يوجد                                    | 3                |
| <b>إجمالي الساعات المعتمدة</b>          |                                |   |  |                  |
|   | SOC-425                        | الأبعاد الاجتماعية والنفسية للتطرف          | لا يوجد                                    | 3                |
|   | APS- xxx                       | متطلب تخصص اختياري (3)                      | لا يوجد                                    | 3                |
|   | SOC-435                        | التدريب الميداني                            | ساعة معتمدة 90 أكمال                       | 3                |
|   | SOC-440                        | مشروع التخرج في علم الاجتماع                | SOC-115 & SOC-210                          | 3                |
|   | APS- xxx                       | متطلب تخصص اختياري (4)                      | لا يوجد                                    | 3                |
| <b>إجمالي الساعات المعتمدة</b>          |                                |   |  |                  |
| <b>الساعات المعتمدة للبرنامج إجمالي</b> |                                | <b>الساعات المعتمدة للبرنامج إجمالي</b>     |  |                  |
| <b>123</b>                              |                                | <b>الساعات المعتمدة للبرنامج إجمالي</b>     |  |                  |

## **Department of Environmental Health Sciences**

### **Undergraduate Programs**

#### **Bachelor of Science in Environmental Health Management**

##### **Description:**

Our environment and health are pivotal to today's world and its future sustainability; health is a focal point for humanity and without proper health care systems our lives would be at stake. We continue to face serious issues that affect our environment, our health, and consequently, our long-term well-being, such as climate change, global warming, pollution due to industry growth and population increase, and the depletion of natural resources. Canadian University Dubai's Department of Environmental Health Sciences has been established to equip student with the skills required to help develop solutions to these significant global issues, and to develop individuals with a broad knowledge of the continuously evolving field of health sciences.

The program will provide you with the knowledge and skills needed to successfully confront these major challenges in a systematic academic manner, which will continuously evolve to address the developments as they occur. As a graduate of the Department of Environmental Health Sciences, you will be equipped with the requisite skills you need to make an important contribution to the workforce immediately following your graduation.

**Duration:** 4 Years (8 Semesters)

**Credit Hours:** 126 Credit Hours

**Credential:** Bachelor Degree Program

**Start:** Fall, Spring and Summer

##### **Benefits:**

As a graduate of Canadian University Dubai's Bachelor of Science in Environmental Health Management program, you will have a strong background in managing environmental health issues. The program will equip you with the current tools and methods needed to face the most challenging and contemporary issues related to health organization and environmental health. With a degree in this field, you will be a crucial asset to environmental and health employers, ministries and international organizations.

##### **Career Opportunities:**

Graduates of Environmental Health Management are in high demand among employers and this degree will provide you with the opportunity to work across a range of organizations, including:

- Government Ministries
- International Healthcare Organizations
- Healthcare Institutions
- Industries related to Health Management functions
- Environmental agencies
- Educational and Research Institutions
- Industries linked to:
  - Health safety and hazards,

- Food safety
- Water resources
- Oil industry
- Real Estate Development
- Waste management

### Bachelor of Science in Environmental Health Management Study Plan

| Semester     | Course Code | Subject Title                                       | Prerequisite     | Cr.H      |
|--------------|-------------|---|------------------|-----------|
| Semester 1   | BIO 101     | Human Biology                                       |                  | 3         |
|              | LNG 171     | English I   |                  | 3         |
|              | HOM 101     | Fundamentals of Healthcare Management               |                  | 3         |
|              | SHS 103     | Chemistry   |                  | 3         |
|              | GED 101     | Applications of Computer Software                   |                  | 3         |
| <b>TOTAL</b> |             |   |                  | <b>15</b> |
| Semester 2   | LNG 172     | English II  | LNG 171          | 3         |
|              | GED 198E    | Islamic Culture                                     |                  | 3         |
|              | SHS 207     | Library Science and Information Literacy            | GED 101E         | 3         |
|              | SHS 102     | Healthcare Systems                                  |                  | 3         |
|              | SHS 111     | Fundamentals of Human Systems                       | BIO 101          | 3         |
| <b>TOTAL</b> |             |   |                  | <b>15</b> |
| Semester 3   |             | Humanities Elective (1)                             |                  | 3         |
|              | LNG 173     | Professional Communication Skills                   | LNG172           | 3         |
|              | GED 196     | Communication Skills in Arabic                      |                  | 3         |
|              | MTH 195     | Applied Statistics                                  |                  | 3         |
|              | SHS 208     | Infectious Diseases                                 |                  | 3         |
| <b>TOTAL</b> |             |   |                  | <b>15</b> |
| Semester 4   | ENV 201     | Principles of Environmental Sciences                |                  | 3         |
|              | SHS 211     | Noninfectious/Chronic diseases                      |                  | 3         |
|              | SHS 212     | Health Planning                                     | SHS 102          | 3         |
|              | SHS 213     | Introduction to Healthcare Quality Management       | HOM 101          | 3         |
|              |             | Social & Culture                                    |                  | 3         |
| <b>TOTAL</b> |             |   |                  | <b>15</b> |
| Semester 5   | ENV 302     | Environmental Microbiology                          | ENV 201          | 3         |
|              | ENV 303     | Entomology and Pest Control                         | SHS 103          | 3         |
|              | ENV 304     | Water and Wastewater Quality Control                | ENV 201          | 3         |
|              | HIM 301     | Health Informatics and Health Statistics            | MTH 195, GED101E | 3         |
|              | SHS 311     | Human Resources Management in Healthcare            | HOM 101          | 3         |
| <b>TOTAL</b> |             |   |                  | <b>15</b> |
| Semester 6   | ENV 305     | Food Quality and Control                            | ENV 201          | 3         |
|              | ENV 308     | Community Environmental Health                      | ENV 201          | 3         |
|              | SHS 312     | Measuring Performance in Healthcare Organizations   | SHS 213          | 3         |
|              | SHS 314     | Health Economics and Financial Management           |                  | 3         |
|              |             | Humanities Elective (2)                             |                  | 3         |
|              |             | Major Elective                                      |                  | 3         |
| <b>TOTAL</b> |             |   |                  | <b>18</b> |
| Semester 7   | ENV 411     | Research Study in the Field of Environmental Health | 81 Cr.H          | 3         |
|              | ENV 407     | Management of Domestic and Hazardous Wastes         | ENV 304          | 3         |
|              | ENV 408     | Epidemiology and Biostatistics                      | MTH195, ENV 201  | 3         |
|              | SHS 401     | Healthcare Ethics                                   | 81 Cr.H          | 3         |

|                           |              |     |  |                  |            |
|---------------------------|--------------|-----|--|------------------|------------|
|                           | SHS          | 402 | Performance & Service Improvement in Healthcare                                | SHS 312          | 3          |
|                           | HOM          | 301 | Process Management in Health Services  | SHS 213          | 3          |
|                           | <b>TOTAL</b> |     |  |                  | <b>18</b>  |
| Semester 8                | ENV          | 409 | Marine and Air Pollution   | ENV 407          | 3          |
|                           | ENV          | 410 | Occupational Health and Toxicology   | ENV 302, ENV 407 | 3          |
|                           | SHS          | 411 | Governance and Leadership  | 81 Cr.H          | 3          |
|                           | ENV          | 415 | Seminar  | 81 Cr.H          | 3          |
|                           | <b>TOTAL</b> |     |  |                  | <b>12</b>  |
| Summer                    | ENV          | 406 | <b>Internship: Familiarization with the Industry Between semesters 6 to 8.</b> | 81 Cr.H          | 3          |
| <b>Total Credit Hours</b> |              |     |  |                  | <b>126</b> |

### Bachelor of Science in Environmental Health Management Program Requirements

| Requirements                       | Compulsory Cr.H | Elective Cr.H | Total Cr.H |
|------------------------------------|-----------------|---------------|------------|
| University Requirement (UR)        | 18              | 18            | 36         |
| Faculty Requirements (Core) (CR.H) | 45              | -             | 45         |
| Concentration (Major) (MJ)         | 42              | 3             | 45         |
| <b>Total</b>                       | <b>105</b>      | <b>21</b>     | <b>126</b> |

### Bachelor of Science in Environmental Health Management Core Requirements

| Course Code | Course Title | Prerequisite                                      | Cr.H     |
|-------------|--------------|---|----------|
| LNG         | 173          | Professional Communication Skills                 | LNG 172  |
| SHS         | 102          | Healthcare Systems                                | 3        |
| SHS         | 111          | Fundamentals of Human Systems                     | BIO 101  |
| SHS         | 207          | Library Science and Information Literacy          | GED 101E |
| SHS         | 208          | Infectious Diseases                               | 3        |
| SHS         | 211          | Noninfectious /Chronic diseases                   | 3        |
| SHS         | 212          | Health Planning                                   | SHS 102  |
| SHS         | 213          | Introduction to Healthcare Quality Management     | HOM 101  |
| SHS         | 311          | Human Resources Management in Healthcare          | HOM 101  |
| SHS         | 312          | Measuring Performance in Healthcare Organizations | SHS 213  |
| SHS         | 314          | Health Economics and Financial Management         | 3        |
| SHS         | 401          | Healthcare Ethics                                 | 81 Cr.H  |
| SHS         | 402          | Performance & Service Improvement in Healthcare   | SHS 312  |
| SHS         | 411          | Governance and Leadership                         | 81 Cr.H  |
| HOM         | 301          | Process Management in Health Services             | SHS 213  |

### Bachelor of Science in Environmental Health Management Major Requirements

| Course Code | Course Title | Prerequisite                                  | Cr.H    |
|-------------|--------------|---|---------|
| ENV         | 302          | Environmental Microbiology                    | ENV 201 |
| ENV         | 303          | Entomology and Pest Control                   | SHS 103 |
| ENV         | 304          | Water and Wastewater Quality Control          | ENV 201 |
| ENV         | 305          | Food Quality and Control                      | ENV 201 |
| ENV         | 406          | Internship: Familiarization with the Industry | 81 Cr.H |
| ENV         | 308          | Community Environmental Health                | ENV 201 |
| ENV         | 407          | Management of Domestic and Hazardous Wastes   | ENV 304 |

|     |     |   |                   |   |
|-----|-----|---|-------------------|---|
| ENV | 408 | Epidemiology and Biostatistics                      | MTH 195, ENV 201  | 3 |
| ENV | 409 | Marine and Air Pollution                            | ENV 407           | 3 |
| ENV | 410 | Occupational Health and Toxicology                  | ENV 302, 407      | 3 |
| ENV | 411 | Research Study in the Field of Environmental Health | 81 Cr.H           | 3 |
| ENV | 415 | Seminar   | 81 Cr.H           | 3 |
| HIM | 301 | Health Informatics and Health Statistics            | MTH 195, GED 101E | 3 |
| HOM | 101 | Fundamentals of Healthcare Management               |                   | 3 |

| Course Code | Course Title | Prerequisite  | Cr.H    |
|-------------|--------------|---|---------|
| HOM         | 303          | Health Education and Promotion                          | 3       |
| HOM         | 304          | Healthcare operations                                   | SHS-213 |
| HOM         | 408          | Health information department management                | HIM-301 |
| HOM         | 411          | Health care organizations and the accreditation process | 81 Cr.H |
| HOM         | 412          | Healthcare Facility Safety & the Environment of Care    | 81 Cr.H |

## **Department of Social Sciences**

### **Bachelor of Arts in Psychology**

#### **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.

**Duration:** 4 Years (8 Semesters)

**Credit Hours:** 123 Credit Hours

**Credential:** Bachelor Degree Program

**Start:** Fall, Spring and Summer

#### **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
- 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.

## Bachelor of Arts in Psychology Study Plan

| Semester     | Course Code |     | Subject Title  | Prerequisite         | Credit Hours |
|--------------|-------------|-----|--|----------------------|--------------|
| Semester 1   | LNG         | 161 | English I  | IELTS 4.5/Equivalent | 3            |
|              | PSY         | 101 | Psychology I   | None                 | 3            |
|              | GED         | xxx | Science and Technology                                       | None                 | 3            |
|              | ENT         | 141 | Fundamentals in Innovation and Entrepreneurship 1            | None                 | 2            |
|              | GED         | 198 | Islamic Culture  | None                 | 3            |
| <b>Total</b> |             |     |  |                      | <b>14</b>    |
| Semester 2   | PSY         | 102 | Psychology II  | PSY-101              | 3            |
|              | GED         | 150 | Foundations for Community Engagement and Social Work         | None                 | 3            |
|              | LNG         | 162 | English II   | LNG-161              | 3            |
|              | GED         | 199 | UAE Society  | None                 | 3            |
|              | MTH         | 195 | Applied Statistics   |                      | 3            |
|              | ENT         | 142 | Fundamentals in Innovation and Entrepreneurship 2            | ENT-141              | 1            |
| <b>Total</b> |             |     |  |                      | <b>16</b>    |
| Semester 3   | PSY         | 200 | Research Methods   | MTH-195              | 3            |
|              | PSY         | 210 | Introduction to Cognitive Psychology                         | PSY-102              | 3            |
|              | ENT         | 241 | Entrepreneurship I   |                      | 2            |
|              | PSY         | 230 | Personality  | PSY-102              | 3            |
|              | PSY         | 240 | Introduction to Learning                                     | PSY-102              | 3            |
| <b>Total</b> |             |     |  |                      | <b>14</b>    |
| 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 II  |                      | 1            |
| <b>Total</b> |             |     |  |                      | <b>16</b>    |
| 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   | None                 | 3            |
| <b>Total</b> |             |     |  |                      | <b>15</b>    |
| 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            |
| <b>Total</b> |             |     |  |                      | <b>15</b>    |
| Semester 7   | PSY         | 405 | Drugs and Behavior   | PSY-285, 315         | 3            |
|              | PSY         | 415 | Applied Social Psychology                                    | PSY-300              | 3            |
|              | PSY         | 425 | Health Psychology  | PSY-260, 300         | 3            |
|              | PSY         | 430 | Research Paper in Education and Learning                     | PSY-200, 340         | 3            |
|              | xxx         | xxx | Free Elective 1  |                      | 3            |
| <b>Total</b> |             |     |  |                      | <b>15</b>    |
| 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<br>Free Elective 2   |                    | 3<br>3 |
|     |     |   | Total              | 15     |
|     |     | Internship to be taken during summer semester after completion of 81 CR.H. with CGPA 2.0 or more. |                    | 3      |
|     |     |   | Total Credit Hours | 123    |

### Bachelor of Arts in Psychology Program Requirements

| Requirements                              | Compulsory Cr.H | Elective Cr.H | Free Elective Cr.H | Total Cr.H |
|---|-----------------|---------------|--------------------|------------|
| <b>University Requirement (UR)</b>        | 24              | 6             |                    | 30         |
| <b>Faculty Requirements (Core) (CR.H)</b> | 48              |               |                    | 48         |
| <b>Concentration (Major) (MJ)</b>         | 33              | 6             |                    | 39         |
| <b>Free Elective (FE)</b>                 |                 |               | 6                  | 6          |
| <b>Total</b>                              | <b>105</b>      | <b>12</b>     | <b>6</b>           | <b>123</b> |

### Bachelor of Arts in Psychology Core Requirements

| Course Code | Course Title   |  |  | Prerequisite     | Cr.H |
|-------------|--|--|--|------------------|------|
| 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    |

### Bachelor of Arts in Psychology Major Requirements

| Course Code | Course Title   |  |  | Prerequisite              | Cr.H |
|-------------|--|--|--|---------------------------|------|
| 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.H+ 2.0 CGPA or more | 3    |
| PSY 385     | Psychology of Exceptional Children, Youth and Adults |  |  | PSY-260, 380              | 3    |
| PSY 405     | Drugs and Behaviour                                  |  |  | PSY-285, 315              | 3    |
| PSY 415     | Applied Social Psychology                            |  |  | PSY-300                   | 3    |
| PSY 425     | Health Psychology                                    |  |  | PSY-260, 300              | 3    |
| PSY 430     | Research Paper in Education and Learning             |  |  | PSY-200, 285, 340         | 3    |

|     |     |  |                   |   |
|-----|-----|--|-------------------|---|
| PSY | 431 | Research Paper in Behavioural and Cognitive Neuroscience | PSY-200, 210, 290 | 3 |
| PSY | 499 | Graduation Project                                       | PSY-430           | 3 |

### Bachelor of Arts in Psychology Major Electives

| Course Code | Course Title |                                      | Prerequisite     | Cr.H |
|-------------|--------------|--------------------------------------|------------------|------|
| 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    |

## **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 النجاح في المجالات المختلفة. وسيتمكن خريجو البرنامج بالخبرة في مجال التفكير الناقد وفهم سلوك الفرد والمجموعات بالإضافة إلى السلوك التنظيمي والتفكير الإبداعي.

**مدة الدراسة: 4 سنوات (8 فصول)**

**الساعات المعتمدة: 123 ساعة**

**الدرجة العلمية الممنوحة: درجة البكالوريوس**

**البداية: فصل الخريف، الربيع والصيفي**

### **المزايا:**

يوجد احتياج لخريجين في مجال علم النفس للمساهمة في التطور المستمر للرافاهية 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 كورو بوكو 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 متعدد من المستشفيات، المدارس، الشركات الخاصة، ووكالات الخدمة الاجتماعية، وكذا مراكز الصحة العقلية. وحالياً يوجد عدد محدود من الجامعات تطرح برنامج بكالوريوس الآداب في علم النفس بالرغم 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 الاجتماعي
- الشرطة
- العلاقات العامة وشئون الموظفين والتدريب.
- مجال العقارات
- خدمات رجال الأعمال
- التأمين
- التسويق

كذلك ينال خريجي البرنامج الفرصة لاستكمال دراستهم العليا في العديد من التخصصات مثل علم النفس، الخدمة الاجتماعية، إدارة الأعمال، العلوم الاجتماعية بصفة عامة. كذلك القراءة على التسجيل في القطاع الطبي والقانوني

### **شروط التخرج**

**تحتاج 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 تتضمنها 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 وأيضاً استكمال 50% على الأقل من عدد الساعات المعتمدة لمتطلبات التخصص.
- صدور قرار التخرج من المجالس المختصة

## خطة الدراسة لبكالوريوس الآداب في علم النفس

| الفصل الدراسي        | كود المساق | عنوان المساق                                    | المطلوبات السابقة                          | الساعات المعتمدة |
|----------------------|------------|---|--|------------------|
| الفصل الدراسي الأول  | LNG 171    | انجليزي (1)                                     | لا يوجد                                    | 3                |
|                      | PSY 101    | علم النفس (1)                                   | لا يوجد                                    | 3                |
|                      | GED        | العلم والتكنولوجيا                              | لا يوجد                                    | 3                |
|                      | GED        | الإنسانيات (1)                                  | لا يوجد                                    | 3                |
|                      | GED        | الثقافة الإسلامية                               | لا يوجد                                    | 3                |
| <b>15</b>            |            |   |  |                  |
| الفصل الدراسي الثاني | PSY 102    | علم النفس (2)                                   | PSY 101                                    | 3                |
|                      | GED 150    | أسس الاندماج المجتمعي والعمل الاجتماعي          | لا يوجد                                    | 3                |
|                      | LNG 172    | إنجليزي (2)                                     | LNG 171                                    | 3                |
|                      | GED 199    | مجتمع دولة الإمارات العربية المتحدة             | لا يوجد                                    | 3                |
|                      | MTH 195    | الإحصاء التطبيقي                                | اختبار تحديد مستوى في الرياضيات أو MTH 011 | 3                |
| <b>15</b>            |            |   |  |                  |
| الفصل الدراسي الثالث | PSY 200    | مناهج البحث                                     | PSY 195                                    | 3                |
|                      | PSY 210    | مقدمة في علم النفس المعرفي                      | 102 / GED 150 PSY                          | 3                |
|                      | PSY 220    | الإدراك   | PSY 102                                    | 3                |
|                      | PSY 230    | الشخصية   | PSY 102                                    | 3                |
|                      | PSY 240    | مقدمة في التعلم                                 | PSY 102                                    | 3                |
| <b>15</b>            |            |   |  |                  |
| الفصل الدراسي الرابع | PSY 250    | علم النفس البيولوجي                             | PSY 102                                    | 3                |
|                      | PSY 260    | علم النفس الشواذ                                | 102 / GED 150 PSY                          | 3                |
|                      | PSY 280    | علم النفس النمائي (1) مرحلة المهد والطفولة      | PSY 210                                    | 3                |
|                      | PSY 285    | القياس النفسي والاختبارات                       | PSY 200                                    | 3                |
|                      | xxx        | الاختبارات الحرة (1)                            |  | 3                |
| <b>15</b>            |            |   |  |                  |
| الفصل الدراسي الخامس | PSY 290    | علم النفس العصبي                                | PSY 250                                    | 3                |
|                      | PSY 300    | علم النفس الاجتماعي                             | PSY 260                                    | 3                |
|                      | PSY 380    | علم النفس النمائي (2) المراهقة والشباب          | PSY 210                                    | 3                |
|                      | PSY 315    | علم النفس الكلينيكي                             | PSY 210                                    | 3                |
|                      | 140 E      | أساسيات الإبتكار وريادة الأعمال                 | لا يوجد                                    | 3                |
| <b>15</b>            |            |   |  |                  |
| الفصل الدراسي السادس | PSY 330    | علم النفس التنظيمي                              | PSY 300                                    | 3                |
|                      | PSY 340    | علم النفس التربوي                               | PSY 300                                    | 3                |
|                      | PSY 320    | علم النفس المجتمعى                              | PSY 300                                    | 3                |
|                      | PSY 385    | علم نفس الأطفال والشباب والراشدين غير العاديين  | PSY 260 / PSY 380                          | 3                |
|                      | xxx        | التخصص العام الاختياري (1)                      |  | 3                |
| <b>15</b>            |            |   |  |                  |
| الفصل الدراسي السابع | PSY 405    | المدرارات والسلوك                               | PSY 285 / 315                              | 3                |
|                      | PSY 415    | علم النفس الاجتماعي التطبيقي                    | PSY 300                                    | 3                |
|                      | PSY 425    | علم نفس الصحة                                   | PSY 260/300                                | 3                |
|                      | PSY 430    | ورقة بحثية في التربية والتعليم                  | PSY 200/340                                | 3                |
|                      | xxx        | الاختبارات الحرة (2)                            |  | 3                |
| <b>15</b>            |            |   |  |                  |
| الفصل الدراسي الثامن | PSY 431    | ورقة بحثية في العلوم السلوكية والعصبية المعرفية | PSY-200, 210, 290                          | 3                |
|                      | PSY 485    | علم النفس البيئي والحركى                        | PSY-320                                    | 3                |
|                      | PSY 499    | مشروع التخرج                                    | PSY-430                                    | 3                |
|                      | xxx        | اختيار التخصص العام (2)                         |  | 3                |
|                      | xxx        | الاختبارات الحرة (3)                            |  | 3                |
| <b>15</b>            |            |   |  |                  |
| <b>123</b>           |            |   |  |                  |

### بكالوريوس الآداب في علم النفس

| المتطلبات                              | الساعات المعتمدة الإجبارية | الساعات المعتمدة الاختيارية | إجمالي الساعات المعتمدة |
|--|----------------------------|-----------------------------|-------------------------|
| متطلبات الجامعة UR                     | 21                         | 6                           | 27                      |
| أسس علم النفس CR                       | 48                         | -                           | 48                      |
| التركيز على الآداب (التخصص العام) (MJ) | 33                         | 6                           | 39                      |
| الاختيارات الحرة FE                    | -                          | 9                           | 9                       |
| الإجمالي                               | <b>102</b>                 | <b>21</b>                   | <b>123</b>              |

#### متطلبات (أسس علم النفس)

| 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 الحيوى                           | PSY 102           | 3                |
| 260 PSY      | علم نفس الشواد                             | PSY 102 GED 150   | 3                |
| 280 PSY      | علم النفس النهائى (1) مرحلة المهد والطفولة | PSY 210           | 3                |
| 290 PSY      | علم النفس العصبي                           | PSY250            | 3                |
| 300 PSY      | علم النفس الاجتماعي                        | PSY 260           | 3                |
| 320 PSY      | علم النفس المجتمعي                         | PSY 300           | 3                |
| 330 PSY      | علم النفس التنظيمى                         | PSY 300           | 3                |
| 340 PSY      | علم النفس التربوي                          | PSY 300           | 3                |
| 380 PSY      | علم النفس النهائى (2) المراهقة والشباب     | PSY 210           | 3                |
| المجموع      |  |                   | 48               |

#### بكالوريوس الآداب . تركيز البرنامج . المساقات ( الأساسية )

| كود المساقات | عنوان المساقات                                   | المتطلبات السابقة                             | الساعات المعتمدة |
|--------------|--|---|------------------|
| 285 PSY      | القياس النفسي والاختبارات                        | PSY200  | 3                |
| 315 PSY      | علم النفس الكلينيكي                              | PSY 210                                       | 3                |
| 325 PSY      | علم النفس البيئي والمركي                         | 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                     | PSY200/285/340                                | 3                |
| 431 PSY      | ورقة بحث في العلوم السلوكية والمعرفية العصبية    | PSY 200/201/290                               | 3                |
| 499 PSY      | مشروع بحث  | PSY 430                                       | 3                |
| الإجمالي     |  |   | 33               |

#### بكالوريوس الآداب في علم النفس: مساقات التخصص الإختيارية

| كود المساق | اسم المساق              | المتطلبات المسبقة | الساعات المعتمدة |
|------------|-------------------------|-------------------|------------------|
| ENV        | مبادئ العلوم البيئية    | لا يوجد           | 3                |
| ENV        | الميكروبيولوجيا البيئية | ENV-201           | 3                |
| ENV        | الصحة البيئية للمجتمع   | ENV-201           | 3                |
| PSY        | تاريخ علم النفس         | PSY-102, GED-150  | 3                |
| PSY        | علم النفس الإيجابي      | PSY-102, GED-150  | 3                |
| ENV        | المجموع الكلي           |                   | 6                |

## **Department of Creative Industries**

### **Bachelor of Arts in Creative Industries with Double Concentration**

#### **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 Faculty of Communication & 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 billion 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

## Bachelor of Arts in Creative Industries Study Plan

| Semester   | Course Code  | Subject Title | Prerequisite                                   | Cr.H                                 |  |
|--|--------------|---------------|--|--------------------------------------|--|
| Year 1   | Semester 1   | BSM 100       | The New Business: From Idea to Reality         | None                                 |  |
|  |              | CRI 100       | Creative Industries Overview                   | None                                 |  |
|  |              | GED 132       | Science and Technology in Society              | None                                 |  |
|  |              | GED 110       | Modern Art Appreciation                        | None                                 |  |
|  |              | LNG 171       | English I                                      | None                                 |  |
|  | <b>Total</b> |               |  |                                      |  |
|  |              |               | <b>15</b>                                      |                                      |  |
|  |              |               |  |                                      |  |
| Year 2   | Semester 2   | BSM 200       | The Growing Business: Breaking Even            | BSM 100                              |  |
|  |              | CMN 210       | Text, Image & Sound                            | None                                 |  |
|  |              | CRI 200       | IP Issues in the Digital Age                   | CRI 100                              |  |
|  |              | MTH 195       | Applied Statistics                             | MATH-                                |  |
|  |              | PLX 111       | Imagining the Creative City                    | LNG-171                              |  |
|  |              | <b>Total</b>  |  |                                      |  |
|  |              |               |  | <b>15</b>                            |  |
|  |              |               |  |                                      |  |
| Year 3   | Semester 3   | CMN 279       | Introduction to Professional Com.              | None                                 |  |
|  |              | CMN 448       | Introduction to Visual Communication           | None                                 |  |
|  |              | CRI 300       | Digital Design Studio                          | CRI 200                              |  |
|  |              | CRI 301       | The Creative Process                           | CRI 200                              |  |
|  |              |               | Module A: Required Course (1)                  | None                                 |  |
|  |              |               | Module B: Required Course (1)                  | None                                 |  |
|  |              | <b>Total</b>  |  |                                      |  |
|  |              |               |  | <b>18</b>                            |  |
|  | Semester 4   | CRI 400       | Entrepreneurship in Creative Industries        | CRI 200                              |  |
|  |              |               | Module A: Required Course (2)                  | None                                 |  |
|  |              |               | Module A: Required Course (3)                  | None                                 |  |
|  |              |               | Module B: Required Course (2)                  | None                                 |  |
|  |              |               | Module B: Required Course (3)                  | None                                 |  |
|  |              | <b>Total</b>  |  |                                      |  |
|  |              |               |  | <b>15</b>                            |  |
| Year 4   | Semester 5   | ACC 340       | Financial Management                           | BSM 200                              |  |
|  |              | GED 198       | Islamic Culture                                | None                                 |  |
|  |              | GED           | GED Elective Course (1)                        | 3                                    |  |
|  |              |               | CRI Department Elective Course (1)             | 3                                    |  |
|  |              |               | Module A: Required Course (4)                  | 3                                    |  |
|  |              |               | Module B: Required Course (4)                  | 3                                    |  |
|  |              | <b>Total</b>  |  |                                      |  |
|  |              |               |  | <b>18</b>                            |  |
|  | Semester 6   | BSM 300       | The Mature Business                            | BSM 200                              |  |
|  |              | CMN 313       | Organizational problem Solving/ Report Writing | CMN 210                              |  |
|  |              |               | CRI Department Elective Course (2)             | 3                                    |  |
|  |              |               | Module A: Elective Course (1)                  | 3                                    |  |
|  |              |               | Module B: Elective Course (1)                  | 3                                    |  |
|  |              | <b>Total</b>  |  |                                      |  |
|  |              |               |  | <b>15</b>                            |  |
| Year 4   | Semester 7   | EBU 200       | e-Business Fundamentals                        | None                                 |  |
|  |              | CRI 402       | HR in Creative Industries                      | CRI 301, BSM 300                     |  |
|  |              | CRI 403       | Creative Industries Research Methodology       | CRI 301                              |  |
|  |              | CRI 46x       | Module A: The Big Night – Module A (5)         | Completion of 90 Cr.H                |  |
|  |              |               | CRI Department Elective Course (3)             | 3                                    |  |
|  |              | <b>Total</b>  |  |                                      |  |
|  |              |               |  | <b>15</b>                            |  |
|  | Semester 8   | CRI 404       | Managing Creative Enterprises                  | CRI 400; CRI 402; CRI 403            |  |
|  |              | CRI 406       | Global Licensing/Distribution Agreements       | 3                                    |  |
|  |              | CRI 405       | Studies in Creative Collaboration              | CRI 402                              |  |
|  |              | CRI 46x       | Module B: The Big Night – Module B (5)         | Completion of 90 Cr.H                |  |
|  |              | CUD 475       | Internship **                                  | Completion of 90 & CGPA at least 2.0 |  |
|  |              | <b>Total</b>  |  |                                      |  |
|  |              |               |  | <b>15</b>                            |  |
| <b>** Students are advised to complete the Internship in the summer semester</b> |              |               |  |                                      |  |
| <b>Total Credit Hours</b>  |              |               |  |                                      |  |
| <b>126</b>   |              |               |  |                                      |  |

## Bachelor of Arts in Creative Industries Program Requirements

| Requirements                                       | Compulsory Cr.H | Elective Cr.H | Total Cr.H |
|--|-----------------|---------------|------------|
| <b>University Requirement (UR)</b>                 | 15              | 3             | 18         |
| <b>Faculty Requirements (Core) (CR.H)</b>          | 63              | 9             | 72         |
| <b>Modules (Two concentrations to be Selected)</b> |                 |               |            |
| <b>Interior Design</b>                             | 15              | 3             | 18         |
| <b>Media Business</b>                              | 15              | 3             | 18         |
| <b>Fashion Industry</b>                            | 15              | 3             | 18         |
| <b>Communication Studies</b>                       | 15              | 3             | 18         |
| <b>Total</b>                                       |                 |               | <b>126</b> |

## Bachelor of Arts in Creative Industries Core Requirements

| Course Code | Course Title                                   | Prerequisite                                       | Cr.H |
|-------------|--|--|------|
| 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 & 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           | none   | 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     | Mandatory Internship (240 hrs.)                | Completion of 90 credit hours and 2.0 CGPA or more | 3    |
| EBU 200     | e-Business Fundamentals                        | None   | 3    |
| PLX 111     | Imagining the Creative City                    | None   | 3    |

## Bachelor of Arts in Creative Industries Elective Courses

**\*Students must complete 6 Cr.H (2 Courses)**

| Course Code | Course Title                              | Prerequisite | Cr.H |
|-------------|---|--------------|------|
| 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    |

**Bachelor of Arts in Creative Industries Modules**

**\*Students select two of the following Modules**

**Interior Design**

| Course Code  |     | Course Title                             | Prerequisite                 | Cr.H |
|--|-----|--|------------------------------|------|
| IDE  | 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 | ID-Project (Big Night)                   | Completion of 90 Cr.H        | 3    |
| <b>Students must complete one of the following elective courses (3 Cr.H)</b> |     |  |                              |      |
| DESI   | 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  | 3    |

**Media Business**

| Course Code  |     | Course Title                              | Prerequisite                  | Cr.H |
|--|-----|---|-------------------------------|------|
| 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 | MB-Project (Big Night)                    | Completion of 90 Cr.H         | 3    |
| <b>Students must complete one of the following elective courses (3 Cr.H)</b> |     |   |                               |      |
| 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    |
| IDF  | 300 | Strategic Thinking and the Deep Dive      | IDF 100, IDF 200, and IDF 250 | 4    |

**Fashion Industry**

| Course Code  |     | Course Title                         | Prerequisite                  | Cr.H |
|--|-----|--------------------------------------|-------------------------------|------|
| FSN  | 101 | Textiles                             | None                          | 3    |
| FSN  | 199 | Fashion: The Industry                | None                          | 3    |
| FSN  | 200 | Fashion Studio                       | None                          | 3    |
| FSN  | 223 | Fashion Concepts and Theory          | None                          | 3    |
| CRI  | 461 | FI-Project (Big Night)               | Completion of 90 Cr.H         | 3    |
| <b>Students must complete one of the following elective courses (3 Cr.H)</b> |     |                                      |                               |      |
| FSN  | 400 | Fashion in International Markets     | FSN 223, FSN 199              |      |
| MKT  | 300 | Fashion Marketing                    | None                          | 3    |
| MKT  | 420 | Luxury Brand Management              | MKT 330                       | 3    |
| IDF  | 300 | Strategic Thinking and the Deep Dive | IDF 100, IDF 200, and IDF 250 | 4    |

**Communication Studies**

| Course Code  |     | Course Title                         | Prerequisite                  | Cr.H |
|--|-----|--------------------------------------|-------------------------------|------|
| CMN  | 211 | Language and Power                   | CMN 210                       | 3    |
| CMN  | 215 | Messages, Modalities and Media       | CMN 279                       | 3    |
| CMN  | 269 | Countercultural Communication        | CMN 211                       | 3    |
| CMN  | 306 | Risk and Crisis Communication        | None                          | 3    |
| CRI  | 464 | CS-Project (Big Night)               | Completion of 90 Cr.H         | 3    |
| <b>Students must complete one of the following elective courses (3 Cr.H)</b> |     |                                      |                               |      |
| 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, and IDF 250 | 4    |

## **Faculty of Management**

### **A Word from the Dean**

I would like to take this opportunity to welcome you to the Faculty of Management. In common with the overall approach at Canadian University Dubai, the Faculty 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 Faculty 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 Faculty 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 Faculty 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.

## **Faculty of Management**

Canadian University Dubai

## **Undergraduate Programs**

- **Bachelor of Business Administration in e-Business**
- **Bachelor of Business Administration in Marketing**
- **Bachelor of Business Administration in Human Resource Management**
- **Bachelor of Business Administration in Accounting and Finance**
- **Bachelor of Business Administration in International Business**
- **Bachelor of Business Administration in Events & Tourism Management**
- **Bachelor of Business Administration in Forensic Accounting**
- **Bachelor of Business Administration in Luxury Marketing**
- **Bachelor of Business Administration in Operations and Supply Chain Management**
- **Bachelor of Business Administration in Sport Management**

## 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.

**Credential:** Bachelor Degree Program

**Duration:** 4 Years (8 Semesters)

**Credit Hours:** 123 Credit Hours

**Start Dates:** Fall, Spring and Summer

### 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 e-Business Study Plan

| Semester   | Course Code  | Subject Title                                      | Prerequisite   | Cr.H       |  |  |  |
|--|--------------|--|--|------------|--|--|--|
| Semester 1   | LNG 171      | English I  |  | 3          |  |  |  |
|  | MTH 196      | Mathematics for Business                           |  | 3          |  |  |  |
|  | GED 101E     | Applications of Computer Software                  |  | 3          |  |  |  |
|  | MGT 202      | Principles of Management                           |  | 3          |  |  |  |
|  | ENT 141      | Fundamentals in Innovation and Entrepreneurship 1  | None   | 2          |  |  |  |
|  | <b>Total</b> |  |  | <b>14</b>  |  |  |  |
| Semester 2   | ACT 112      | Principles of Accounting I                         |  | 3          |  |  |  |
|  | ECO 221      | Principles of Microeconomics                       |  | 3          |  |  |  |
|  | LNG 172      | English II   | LNG-171  | 3          |  |  |  |
|  | QBA 241      | Quantitative Business Analysis                     |  | 3          |  |  |  |
|  | GED 199E     | UAE Society  | None   | 3          |  |  |  |
|  | ENT 142      | Fundamentals in Innovation and Entrepreneurship 2  | ENT-141  | 1          |  |  |  |
| <b>Total</b>   |              |  |  | <b>16</b>  |  |  |  |
| 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 I                                 | ENT-142  | 2          |  |  |  |
|  | <b>Total</b> |  |  | <b>14</b>  |  |  |  |
| Semester 4   | FIN 201      | Managerial Finance                                 | ACT-112  | 3          |  |  |  |
|  | MGT 210      | Business Report Writing                            | LNG-172  | 3          |  |  |  |
|  | MGT 231      | Legal Environment of Business                      | MGT 202, LNG 172   | 3          |  |  |  |
|  | ECO 222      | Principles of Macroeconomics                       |  | 3          |  |  |  |
|  | GED 198E     | Islamic Culture                                    |  | 3          |  |  |  |
|  | ENT 242      | Entrepreneurship II                                | ENT-241  | 1          |  |  |  |
| <b>Total</b>   |              |  |  | <b>16</b>  |  |  |  |
| Semester 5   | MGT 311      | Business Research Methods                          | 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          |  |  |  |
| <b>Total</b>   |              |  |  | <b>18</b>  |  |  |  |
| Semester 6   | EBU 307      | Systems Analysis & Business Process Integrations I | SWS-351  | 3          |  |  |  |
|  |              | Science & Technology                               |  | 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          |  |  |  |
|  | <b>Total</b> |  |  | <b>15</b>  |  |  |  |
| Semester 7   |              | Core Elective (1)                                  |  | 3          |  |  |  |
|  |              | Core Elective (2)                                  |  | 3          |  |  |  |
|  | EBU 406      | E-Business Project Management                      | MGT-361 & SWS-351  | 3          |  |  |  |
|  |              | Major Elective (1)                                 |  | 3          |  |  |  |
|  |              | Major Elective (2)                                 |  | 3          |  |  |  |
|  | <b>Total</b> |  |  | <b>15</b>  |  |  |  |
| Semester 8   | MGT 470      | Strategic Management                               | HRM-210, ECO-222, ECO-221, FIN-201, MKT-201, MGT-361, +90 Cr.H | 3          |  |  |  |
|  | MGT 405      | Business Ethics & Social Responsibility            | Complete 90 Cr.H   | 3          |  |  |  |
|  | EBU 450      | E-Business Consulting Project                      | Final Semester   | 3          |  |  |  |
|  |              | Humanity 1   |  | 3          |  |  |  |
|  | <b>Total</b> |  |  | <b>12</b>  |  |  |  |
| <b>Internship to be taken summer semester after completion of 90 Cr.H + CGPA 2.0 or more</b> |              |  |  | <b>3</b>   |  |  |  |
| <b>Total Credit Hours</b>  |              |  |  | <b>123</b> |  |  |  |

### Bachelor of Business Administration in e-Business Program Requirements

| Requirements                       | Compulsory Cr.H | Elective Cr.H | Total Cr.H |
|------------------------------------|-----------------|---------------|------------|
| University Requirement (UR)        | 21              | 6             | 27         |
| Faculty Requirements (Core) (CR.H) | 60              | 6             | 66         |
| Concentration (Major) (MJ)         | 24              | 6             | 30         |
| <b>Total</b>                       | <b>105</b>      | <b>18</b>     | <b>123</b> |

### Bachelor of Business Administration in e-Business Core Requirements

| Course Code | Course Title                               | Prerequisite   | Cr.H |
|-------------|--|--|------|
| ACT 112     | Principles of Accounting I                 | None   | 3    |
| ACT 212     | Principles of Accounting II                | ACT-112  | 3    |
| MGT 202     | Principles of Management                   | None   | 3    |
| ECO 222     | Principles of Macroeconomics               | None   | 3    |
| ECO 221     | Principles of Microeconomics               | None   | 3    |
| FIN 201     | Managerial Finance                         | ACT-112  | 3    |
| HRM 210     | Human Resource Management                  | MGT-202  | 3    |
| MGT 210     | Business Report Writing                    | LNG-172  | 3    |
| MGT 231     | Legal Environment of Business              | <b>MGT 202, LNG 172</b>  | 3    |
| MGT 311     | Business Research Methods                  | QBA-341  | 3    |
| MGT 320     | Organizational Behavior                    | HRM-210  | 3    |
| MGT 361     | Operations Management                      | QBA-341, MGT-202   | 3    |
| MGT 405     | Business Ethics & Social Responsibility    | Complete 90 Cr.H   | 3    |
| MGT 470     | Strategic Management                       | HRM-210, ECO-222, ECO-221, FIN-201, MKT-201, MGT-361, +90 Cr.H | 3    |
| MKT 201     | Principles of Marketing                    | LNG-171  | 3    |
| QBA 241     | Quantitative Business Analysis             | None   | 3    |
| QBA 341     | Quantitative Approaches to Decision Making | QBA-241  | 3    |
| SWS 351     | Management Information Systems             | GED-101E   | 3    |
| INB 360     | International Business                     | MGT-202  | 3    |
| ENT 241     | Entrepreneurship I                         | ENT-142  | 2    |
| ENT 242     | Entrepreneurship II                        | ENT-241  | 1    |

### Bachelor of Business Administration in e-Business Core Electives

\*Students must complete 6 Cr.H (2 Courses)

| Course Code | Course Title                       | Prerequisite | Cr.H |
|-------------|------------------------------------|--------------|------|
| FIN 325     | Financial Markets and Institutions | ECO-222      | 3    |
| BUS 205     | Social & Digital Media             | None         | 3    |
| MGT 310     | Tourism Management                 | MGT-202      | 3    |
| SPT 112     | Introduction to Sport Management   | None         | 3    |

### Bachelor of Business Administration in e-Business Major Requirements

| Course Code | Course Title                                     | Prerequisite      | Cr.H |
|-------------|--|-------------------|------|
| EBU 200     | e-Business Fundamentals                          |                   | 3    |
| EBU 318     | e-Business Web Technologies                      | EBU-200           | 3    |
| MKT 340     | e-Marketing                                      | MKT-201           | 3    |
| EBU 406     | e-Business Project Management                    | MGT-361 & SWS-351 | 3    |
| EBU 307     | Systems Analysis & Business Process Integrations | SWS-351           | 3    |

|     |     |                                 |                             |   |
|-----|-----|---------------------------------|-----------------------------|---|
| BUS | 400 | Internship                      | 90 Credit + Min CGPA<br>2.0 | 3 |
| EBU | 450 | e-Business Consulting Project   | Final Semester              | 3 |
| EBU | 350 | e-Business Technology Solutions | EBU-318                     | 3 |

**Bachelor of Business Administration in e-Business Major Electives**  
**\*Students must complete 6 Cr.H (2 Courses)**

| Course Code | Course Title                         | Prerequisite      | Cr.H |
|-------------|--------------------------------------|-------------------|------|
| MKT         | 360 Customer Relationship Management | MKT 201           | 3    |
| EBU         | 490 Special Topics in e-Business     | Complete 102 Cr.H | 3    |
| EBU         | 250 Digital Entrepreneurship         | EBU-200           | 3    |
| SCM         | 310 Supply Chain Management          | QBA-341, MGT-361  | 3    |

## 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.

**Credential:** Bachelor Degree Program

**Duration:** 4 Years (8 Semesters)

**Credit Hours:** 123 Credit Hours

**Start Dates:** Fall, Spring and Summer

**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

**Bachelor of Business Administration in Marketing Study Plan**

| Semester   | Course Code  |      | Subject Title                                     | Prerequisite   | Cr.H             |   |  |
|--|--------------|------|---|--|------------------|---|--|
| <b>Semester 1</b>  | LNG          | 171  | English I   |  | 3                |   |  |
|  | MTH          | 196  | Mathematics for Business                          |  | 3                |   |  |
|  | GED          | 101E | Applications of Computer Software                 |  | 3                |   |  |
|  | MGT          | 202  | Principles of Management                          |  | 3                |   |  |
|  | ENT          | 141  | Fundamentals in Innovation and Entrepreneurship 1 | None   | 2                |   |  |
|  | <b>Total</b> |      |   |  | <b>14</b>        |   |  |
| <b>Semester 2</b>  | ACT          | 112  | Principles of Accounting I                        |  | 3                |   |  |
|  | ECO          | 221  | Principles of Microeconomics                      |  | 3                |   |  |
|  | LNG          | 172  | English II  | LNG-171  | 3                |   |  |
|  | QBA          | 241  | Quantitative Business Analysis                    |  | 3                |   |  |
|  | GED          | 199E | UAE Society                                       | None   | 3                |   |  |
|  | ENT          | 142  | Fundamentals in Innovation and Entrepreneurship 2 | ENT-141  | 1                |   |  |
| <b>Total</b>   |              |      |   |  | <b>16</b>        |   |  |
| <b>Semester 3</b>  | ACT          | 212  | Principles of Accounting II                       | ACT-112  | 3                |   |  |
|  | ECO          | 222  | Principles of Macroeconomics                      |  | 3                |   |  |
|  | MKT          | 201  | Principles of Marketing                           | LNG-171  | 3                |   |  |
|  | QBA          | 341  | Quantitative Approaches to Decision Making        | QBA-241  | 3                |   |  |
|  | ENT          | 241  | Entrepreneurship I                                | ENT-142  | 2                |   |  |
|  | <b>Total</b> |      |   |  | <b>14</b>        |   |  |
| <b>Semester 4</b>  | FIN          | 201  | Managerial Finance                                | ACT-112  | 3                |   |  |
|  | MGT          | 210  | Business Report Writing                           | LNG-172  | 3                |   |  |
|  | MGT          | 231  | Legal Environment of Business                     | MGT 202, LNG 172   | 3                |   |  |
|  | MKT          | 208  | Consumer Behavior                                 | MKT-201  | 3                |   |  |
|  | GED          | 198E | Islamic Culture                                   |  | 3                |   |  |
|  | ENT          | 242  | Entrepreneurship II                               | ENT-241  | 1                |   |  |
| <b>Total</b>   |              |      |   |  | <b>16</b>        |   |  |
| <b>Semester 5</b>  | MGT          | 311  | Business Research Methods                         | QBA-341  | 3                |   |  |
|  | HRM          | 210  | Human Resource Management                         | MGT-202  | 3                |   |  |
|  | MKT          | 340  | E- Marketing                                      | MKT-201  | 3                |   |  |
|  | MKT          | 310  | Advertising & Promotion                           | MKT-201  | 3                |   |  |
|  | INB          | 360  | International Business                            | MGT 202  | 3                |   |  |
|  |              |      | Science & Technology                              |  | 3                |   |  |
| <b>Total</b>   |              |      |   |  | <b>18</b>        |   |  |
| <b>Semester 6</b>  | 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                |   |  |
|  |              |      | Major Elective (1)                                |  | 3                |   |  |
|  | <b>Total</b> |      |   |  | <b>15</b>        |   |  |
| <b>Semester 7</b>  |              |      | Core Elective (1)                                 |  | 3                |   |  |
|  |              |      | Core Elective (2)                                 |  | 3                |   |  |
|  | MKT          | 465  | International Marketing                           | MGT 361  | 3                |   |  |
|  | MKT          | 430  |   | Marketing Research   | MKT-208, QBA-341 | 3 |  |
|  |              |      | Major Elective (2)                                |  | 3                |   |  |
|  | <b>Total</b> |      |   |  | <b>15</b>        |   |  |
| <b>Semester 8</b>  | MGT          | 470  | Strategic Management                              | HRM-210, ECO-222, ECO-221, FIN-201, MKT-201, MGT-361, +90 Cr.H | 3                |   |  |
|  | MGT          | 405  | Business Ethics & Social Responsibility           | Complete 90 Cr.H   | 3                |   |  |
|  | MKT          | 469  | Marketing Management                              | MKT-430, MGT-320   | 3                |   |  |
|  |              |      | Humanities (1)                                    |  | 3                |   |  |
|  | <b>Total</b> |      |   |  | <b>12</b>        |   |  |
| <b>Internship to be taken summer semester after completion of 90 Cr.H + CGPA 2.0 or more</b> |              |      |   |  | <b>3</b>         |   |  |
| <b>Total Credit Hours</b>  |              |      |   |  | <b>123</b>       |   |  |

### Bachelor of Business Administration in Marketing Program Requirements

| Requirements                              | Compulsory Cr.H | Elective Cr.H | Total Cr.H |
|---|-----------------|---------------|------------|
| <b>University Requirement (UR)</b>        | 21              | 6             | 27         |
| <b>Faculty Requirements (Core) (CR.H)</b> | 60              | 6             | 66         |
| <b>Concentration (Major) (MJ)</b>         | 24              | 6             | 30         |
| <b>Total</b>                              | <b>105</b>      | <b>18</b>     | <b>123</b> |

### Bachelor of Business Administration in Marketing Core Requirements

| Course Code | Course Title                               | Prerequisite   | Cr.H |
|-------------|--|--|------|
| ACT 112     | Principles of Accounting I                 | None   | 3    |
| ACT 212     | Principles of Accounting II                | ACT-112  | 3    |
| MGT 202     | Principles of Management                   | None   | 3    |
| ECO 222     | Principles of Macroeconomics               | None   | 3    |
| ECO 221     | Principles of Microeconomics               | None   | 3    |
| FIN 201     | Managerial Finance                         | ACT-112  | 3    |
| HRM 210     | Human Resource Management                  | MGT-202  | 3    |
| MGT 210     | Business Report Writing                    | LNG-172  | 3    |
| MGT 231     | Legal Environment of Business              | <b>MGT 202, LNG 172</b>  | 3    |
| MGT 311     | Business Research Methods                  | QBA-341  | 3    |
| MGT 320     | Organizational Behavior                    | HRM-210  | 3    |
| MGT 361     | Operations Management                      | QBA-341, MGT-202   | 3    |
| MGT 405     | Business Ethics & Social Responsibility    | Complete 90 Cr.H   | 3    |
| MGT 470     | Strategic Management                       | HRM-210, ECO-222, ECO-221, FIN-201, MKT-201, MGT-361, +90 Cr.H | 3    |
| MKT 201     | Principles of Marketing                    | LNG-171  | 3    |
| QBA 241     | Quantitative Business Analysis             | None   | 3    |
| QBA 341     | Quantitative Approaches to Decision Making | QBA-241  | 3    |
| SWS 351     | Management Information Systems             | GED-101E   | 3    |
| INB 360     | International Business                     | MGT-202  | 3    |
| ENT 241     | Entrepreneurship I                         | ENT-142  | 2    |
| ENT 242     | Entrepreneurship II                        | ENT-241  | 1    |

### Bachelor of Business Administration in Marketing Core Electives

\*Students must complete 6 Cr.H (2 Courses)

| Course Code | Course Title                       | Prerequisite | Cr.H |
|-------------|------------------------------------|--------------|------|
| FIN 325     | Financial Markets and Institutions | ECO-222      | 3    |
| BUS 205     | Social & Digital Media             | None         | 3    |
| MGT 310     | Tourism Management                 | MGT-202      | 3    |
| SPT 112     | Introduction to Sport Management   | None         | 3    |

### Bachelor of Business Administration in Marketing Major Requirements

| Course Code | Course Title            | Prerequisite          | Cr.H |
|-------------|-------------------------|-----------------------|------|
| MKT 208     | Consumer Behavior       | MKT-201               | 3    |
| MKT 310     | Advertising & Promotion | MKT-201               | 3    |
| MKT 320     | Retailing               | MKT-201               | 3    |
| MKT 465     | International Marketing | MGT-361               | 3    |
| MKT 340     | E-Marketing             | MKT-201               | 3    |
| MKT 430     | Marketing Research      | MKT-208, QBA-341      | 3    |
| BUS 400     | Internship              | 90 Cr.H+ Min CGPA 2.0 | 3    |
| MKT 469     | Marketing Management    | MKT-430, MGT-320      | 3    |

### Bachelor of Business Administration in Marketing Major Electives

\*Students must complete 6 Cr.H (2 Courses)

| Course Code | Course Title         | Prerequisite | Cr.H |
|-------------|----------------------|--------------|------|
| MKT 371     | Brand Marketing      | MKT-201      | 3    |
| MKT 230     | Professional Selling | MKT-201      | 3    |
| MKT 350     | Luxury Marketing     | MKT-201      | 3    |
| MKT 364     | Service Marketing    | MKT 208      | 3    |

## **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.

**Credential:** Bachelor Degree Program

**Duration:** 4 Years (8 Semesters)

**Credit Hours:** 123 Credit Hours

**Start Dates:** Fall, Spring, and Summer

### **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
- Compensation, Benefits & Labour Relations
- Organizational Development
- Staffing
- Training and Professional Development

## Bachelor of Business Administration in Human Resource Management Study Plan

| Semester     | Course Code  | Subject Title                                     | Prerequisite       | Cr. H     |
|--------------|--------------|---|--------------------|-----------|
| Semester 1   | LNG 171      | English I   |                    | 3         |
|              | MTH 196      | Mathematics for Business                          |                    | 3         |
|              | GED 101E     | Applications of Computer Software                 |                    | 3         |
|              | MGT 202      | Principles of Management                          |                    | 3         |
|              | ENT 141      | Fundamentals in Innovation and Entrepreneurship 1 | None               | 2         |
|              | <b>Total</b> |   |                    | <b>14</b> |
| Semester 2   | ACT 112      | Principles of Accounting I                        |                    | 3         |
|              | ECO 221      | Principles of Microeconomics                      |                    | 3         |
|              | LNG 172      | English II  | LNG-171            | 3         |
|              | QBA 241      | Quantitative Business Analysis                    |                    | 3         |
|              | GED 199E     | UAE Society                                       | None               | 3         |
|              | ENT 142      | Fundamentals in Innovation and Entrepreneurship 2 | ENT-141            | 1         |
| <b>Total</b> |              |   |                    | <b>16</b> |
| Semester 3   | ACT 212      | Principles of Accounting II                       | ACT-112            | 3         |
|              | ECO 222      | Principles of Macroeconomics                      |                    | 3         |
|              | MKT 201      | Principles of Marketing                           | LNG-171            | 3         |
|              | QBA 341      | Quantitative Approaches to Decision Making        | QBA-241            | 3         |
|              | ENT 241      | Entrepreneurship I                                | ENT-142            | 2         |
| <b>Total</b> |              |   |                    | <b>14</b> |
| Semester 4   | FIN 201      | Managerial Finance                                | ACT-112            | 3         |
|              | MGT 210      | Business Report Writing                           | LNG-172            | 3         |
|              | MGT 231      | Legal Environment of Business                     | MGT 202, LNG 172   | 3         |
|              | HRM 210      | Human Resource Management                         | MGT-202            | 3         |
|              | GED 198E     | Islamic Culture                                   |                    | 3         |
|              | ENT 242      | Entrepreneurship II                               | ENT-241            | 1         |
| <b>Total</b> |              |   |                    | <b>16</b> |
| Semester 5   | MGT 311      | Business Research Methods                         | QBA-341            | 3         |
|              | HRM 320      | UAE Labor Law and Relations                       | MGT-202            | 3         |
|              | HRM 265      | Performance Appraisal                             | HRM-210            | 3         |
|              | INB 360      | International Business                            | MGT-202            | 3         |
|              |              | Science & Technology                              |                    | 3         |
|              | <b>Total</b> |   |                    | <b>15</b> |
| 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         |
|              |              | Major Elective (1)                                |                    | 3         |
|              | <b>Total</b> |   |                    | <b>15</b> |
| Semester 7   |              | Core elective (1)                                 |                    | 3         |
|              | HRM 330      | Staffing  | HRM-210 & HRM- 320 | 3         |
|              |              | Humanity 1  |                    | 3         |
|              | HRM 410      | Human Resource Development                        | HRM-370            | 3         |
|              | HRM 440      | International Human Resource Management           | HRM-210            | 3         |
|              | <b>Total</b> |   |                    | <b>15</b> |

|  |              |     |   |  |            |  |  |  |  |
|--|--------------|-----|---|--|------------|--|--|--|--|
| <b>Semester 8</b>  | MGT          | 470 | Strategic Management                    | HRM-210, ECO-222, ECO-221, FIN-201, MKT-201, MGT-361, +90 Cr.H | 3          |  |  |  |  |
|  | MGT          | 405 | Business Ethics & Social Responsibility | Complete 90 Cr.H   | 3          |  |  |  |  |
|  | HRM          | 460 | Leadership                              | HRM-410  | 3          |  |  |  |  |
|  | HRM          | 470 | Strategic Human Resource Management     | HRM 410, HRM 370 & HRM 265,                                    | 3          |  |  |  |  |
|  |              |     | Core elective (2)                       |  | 3          |  |  |  |  |
|  | <b>Total</b> |     |   |  | <b>15</b>  |  |  |  |  |
| <b>Internship to be taken summer semester after completion of 90 Cr.H + CGPA 2.0 or more</b> |              |     |   |  | <b>3</b>   |  |  |  |  |
| <b>Total Credit Hours</b>  |              |     |   |  | <b>123</b> |  |  |  |  |

#### Bachelor of Business Administration in Human Resource Management Program Requirements

| Requirements                              | Compulsory Cr.H | Elective Cr.H | Total Cr.H |
|---|-----------------|---------------|------------|
| <b>University Requirement (UR)</b>        | 21              | 6             | 27         |
| <b>Faculty Requirements (Core) (CR.H)</b> | 60              | 6             | 66         |
| <b>Concentration (Major) (MJ)</b>         | 27              | 3             | 30         |
| <b>Total</b>                              | <b>108</b>      | <b>15</b>     | <b>123</b> |

#### Bachelor of Business Administration in Human Resource Management Core Requirements

| Course Code | Course Title                               | Prerequisite   | Cr.H |
|-------------|--|--|------|
| ACT 112     | Principles of Accounting I                 | None   | 3    |
| ACT 212     | Principles of Accounting II                | ACT-112  | 3    |
| MGT 202     | Principles of Management                   | None   | 3    |
| ECO 222     | Principles of Macroeconomics               | None   | 3    |
| ECO 221     | Principles of Microeconomics               | None   | 3    |
| FIN 201     | Managerial Finance                         | ACT-112  | 3    |
| HRM 210     | Human Resource Management                  | MGT-202  | 3    |
| MGT 210     | Business Report Writing                    | LNG-172  | 3    |
| MGT 231     | Legal Environment of Business              | <b>MGT 202, LNG 172</b>  | 3    |
| MGT 311     | Business Research Methods                  | QBA-341  | 3    |
| MGT 320     | Organizational Behavior                    | HRM-210  | 3    |
| MGT 361     | Operations Management                      | QBA-341, MGT-202   | 3    |
| MGT 405     | Business Ethics & Social Responsibility    | Complete 90 Cr.H   | 3    |
| MGT 470     | Strategic Management                       | HRM-210, ECO-222, ECO-221, FIN-201, MKT-201, MGT-361, +90 Cr.H | 3    |
| MKT 201     | Principles of Marketing                    | LNG-171  | 3    |
| QBA 241     | Quantitative Business Analysis             | None   | 3    |
| QBA 341     | Quantitative Approaches to Decision Making | QBA-241  | 3    |
| SWS 351     | Management Information Systems             | GED-101E   | 3    |
| INB 360     | International Business                     | MGT-202  | 3    |
| ENT 241     | Entrepreneurship I                         | ENT-142  | 2    |
| ENT 242     | Entrepreneurship II                        | ENT-241  | 1    |

#### Bachelor of Business Administration in Human Resource Management Core Electives

\*Students must complete 6 Cr.H (2 Courses)

| Course Code | Course Title                       | Prerequisite | Cr.H |
|-------------|------------------------------------|--------------|------|
| FIN 325     | Financial Markets and Institutions | ECO-222      | 3    |

|     |     |                                  |         |   |
|-----|-----|----------------------------------|---------|---|
| BUS | 205 | Social & Digital Media           | None    | 3 |
| MGT | 310 | Tourism Management               | MGT-202 | 3 |
| SPT | 112 | Introduction to Sport Management | None    | 3 |

### Bachelor of Business Administration in Human Resource Management Major Requirements

| Course Code | Course Title | Prerequisite                            | Cr.H                      |
|-------------|--------------|---|---------------------------|
| HRM         | 320          | UAE Labor Law and Relations             | MGT-202                   |
| HRM         | 330          | Staffing                                | HRM-210, HRM-320          |
| HRM         | 370          | Compensation Management                 | HRM-210, QBA-241          |
| HRM         | 410          | Human Resource Development              | HRM-370                   |
| HRM         | 470          | Strategic Human Resource Management     | HRM-410, HRM-370, HRM-265 |
| BUS         | 400          | Internship                              | 90 credit + CGPA min 2.0  |
| HRM         | 440          | International Human Resource Management | HRM-210                   |
| HRM         | 460          | Leadership                              | HRM-410                   |
| HRM         | 265          | Performance Appraisal                   | HRM-210                   |

### Bachelor of Business Administration in Human Resource Management Major Electives

\*Students must complete 3 Cr.H (1 Course)

| Course Code | Course Title | Prerequisite          | Cr.H              |
|-------------|--------------|-----------------------|-------------------|
| HRM         | 275          | Conflict Resolution   | MGT-202 & HRM-210 |
| HRM         | 420          | Special Topics In HRM | HRM-210           |
| HRM         | 430          | Change Management     | HRM-210 & MGT-320 |

### 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).

**Credential:** Bachelor Degree Program

**Duration:** 4 Years (8 Semesters)

**Credit Hours:** 123 Credit Hours

**Start Dates:** Fall, Spring and Summer

#### 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 Accounting and Finance Study Plan**

| Semester   | Course Code  |      | Subject Title                                     | Prerequisite     | Cr. H     |
|------------|--------------|------|---|------------------|-----------|
| Semester 1 | LNG          | 171  | English I   |                  | 3         |
|            | MTH          | 196  | Mathematics for Business                          |                  | 3         |
|            | GED          | 101E | Applications of Computer Software                 |                  | 3         |
|            | MGT          | 202  | Principles of Management                          |                  | 3         |
|            | ENT          | 141  | Fundamentals in Innovation and Entrepreneurship 1 | None             | 2         |
|            | <b>Total</b> |      |   |                  | <b>14</b> |
| Semester 2 | ACT          | 112  | Principles of Accounting I                        |                  | 3         |
|            | ECO          | 221  | Principles of Microeconomics                      |                  | 3         |
|            | LNG          | 172  | English II  | LNG-171          | 3         |
|            | QBA          | 241  | Quantitative Business Analysis                    |                  | 3         |
|            | GED          | 199E | UAE Society                                       | None             | 3         |
|            | ENT          | 142  | Fundamentals in Innovation and Entrepreneurship 2 | ENT-141          | 1         |
|            | <b>Total</b> |      |   |                  | <b>16</b> |
| Semester 3 | ACT          | 212  | Principles of Accounting II                       | ACT-112          | 3         |
|            | ECO          | 222  | Principles of Macroeconomics                      |                  | 3         |
|            | MKT          | 201  | Principles of Marketing                           | LNG-171          | 3         |
|            | QBA          | 341  | Quantitative Approaches to Decision Making        | QBA-241          | 3         |
|            | ENT          | 241  | Entrepreneurship I                                | ENT-142          | 2         |
|            | <b>Total</b> |      |   |                  | <b>14</b> |
| Semester 4 | FIN          | 201  | Managerial Finance                                | ACT-112          | 3         |
|            | MGT          | 210  | Business Report Writing                           | LNG-172          | 3         |
|            | MGT          | 231  | Legal Environment of Business                     | MGT 202, LNG 172 | 3         |
|            | ACT          | 310  | Management Accounting                             | ACT-212          | 3         |
|            | GED          | 198E | Islamic Culture                                   |                  | 3         |
|            | ENT          | 242  | Entrepreneurship II                               | ENT-241          | 1         |
|            | <b>Total</b> |      |   |                  | <b>16</b> |
| Semester 5 | MGT          | 311  | Business Research Methods                         | 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         |
|            |              |      | Science & Technology                              |                  | 3         |

|                           | <b>Total</b>   |     |   |  |  | <b>18</b>  |
|---------------------------|--|-----|---|--|--|------------|
| <b>Semester 6</b>         | 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          |
|                           | <b>Total</b>   |     |   |  |  | <b>15</b>  |
| <b>Semester 7</b>         |  |     | Core Elective (1)                       |  |  | 3          |
|                           |  |     | Core Elective (2)                       |  |  | 3          |
|                           | ACT  | 450 | Auditing                                |  | ACT-330  | 3          |
|                           |  |     | Major Elective (1)                      |  |  | 3          |
|                           |  |     | Humanities 1                            |  |  | 3          |
|                           | <b>Total</b>   |     |   |  |  | <b>15</b>  |
| <b>Semester 8</b>         | MGT  | 470 | Strategic Management                    |  | HRM-210, ECO-222, ECO-221, FIN-201, MKT-201, MGT-361, +90 Cr.H | 3          |
|                           | MGT  | 405 | Business Ethics & Social Responsibility |  | Complete 90 Cr.H   | 3          |
|                           | ACT  | 430 | Accounting Information Systems          |  | ACT-212  | 3          |
|                           |  |     | Major Elective (2)                      |  |  | 3          |
|                           | <b>Total</b>   |     |   |  |  | <b>12</b>  |
|                           | <b>Internship to be taken summer semester after completion of 90 Cr.H + CGPA 2.0 or more</b> |     |   |  |  | <b>3</b>   |
| <b>Total Credit Hours</b> |  |     |   |  |  | <b>123</b> |

### Bachelor of Business Administration in Accounting and Finance Program Requirements

| Requirements                              | Compulsory Cr.H | Elective Cr.H | Total Cr.H |
|---|-----------------|---------------|------------|
| <b>University Requirement (UR)</b>        | 21              | 6             | 27         |
| <b>Faculty Requirements (Core) (CR.H)</b> | 60              | 6             | 66         |
| <b>Concentration (Major) (MJ)</b>         | 24              | 6             | 30         |
| <b>Total</b>                              | <b>105</b>      | <b>18</b>     | <b>123</b> |

### Bachelor of Business Administration in Accounting and Finance Core Requirements

| Course Code | Course Title                               | Prerequisite   | Cr.H |
|-------------|--|--|------|
| ACT 112     | Principles of Accounting I                 | None   | 3    |
| ACT 212     | Principles of Accounting II                | ACT-112  | 3    |
| MGT 202     | Principles of Management                   | None   | 3    |
| ECO 222     | Principles of Macroeconomics               | None   | 3    |
| ECO 221     | Principles of Microeconomics               | None   | 3    |
| FIN 201     | Managerial Finance                         | ACT-112  | 3    |
| HRM 210     | Human Resource Management                  | MGT-202  | 3    |
| MGT 210     | Business Report Writing                    | LNG-172  | 3    |
| MGT 231     | Legal Environment of Business              | MGT 202, LNG 172   | 3    |
| MGT 311     | Business Research Methods                  | QBA-341  | 3    |
| MGT 320     | Organizational Behavior                    | HRM-210  | 3    |
| MGT 361     | Operations Management                      | QBA-341, MGT-202   | 3    |
| MGT 405     | Business Ethics & Social Responsibility    | Complete 90 Cr.H   | 3    |
| MGT 470     | Strategic Management                       | HRM-210, ECO-222, ECO-221, FIN-201, MKT-201, MGT-361, +90 Cr.H | 3    |
| MKT 201     | Principles of Marketing                    | LNG-171  | 3    |
| QBA 241     | Quantitative Business Analysis             | None   | 3    |
| QBA 341     | Quantitative Approaches to Decision Making | QBA-241  | 3    |
| SWS 351     | Management Information Systems             | GED-101E   | 3    |
| INB 360     | International Business                     | MGT-202  | 3    |
| ENT 241     | Entrepreneurship I                         | ENT-142  | 2    |
| ENT 242     | Entrepreneurship II                        | ENT-241  | 1    |

**Bachelor of Business Administration in Accounting and Finance Electives**

\*Students must complete 6 Cr.H (2 Courses)

| <b>Course Code</b> | <b>Course Title</b>                | <b>Prerequisite</b> | <b>Cr.H</b> |
|--------------------|------------------------------------|---------------------|-------------|
| FIN 325            | Financial Markets and Institutions | ECO-222             | 3           |
| BUS 205            | Social & Digital Media             | None                | 3           |
| MGT 310            | Tourism Management                 | MGT-202             | 3           |
| SPT 112            | Introduction to Sport Management   | None                | 3           |

**Bachelor of Business Administration in Accounting and Finance Major Requirements**

| <b>Course Code</b> | <b>Course Title</b>                         | <b>Prerequisite</b>      | <b>Cr.H</b> |
|--------------------|---|--------------------------|-------------|
| FIN 310            | Corporate Finance                           | FIN-201                  | 3           |
| ACT 310            | Management Accounting                       | ACT-212                  | 3           |
| FIN 350            | Portfolio Management                        | FIN-201                  | 3           |
| FIN 360            | Investment Analysis                         | FIN-201                  | 3           |
| ACT 330            | International Financial Reporting Standards | ACT-212                  | 3           |
| ACT 430            | Accounting Information Systems              | ACT-212                  | 3           |
| ACT 450            | Auditing                                    | ACT-330                  | 3           |
| BUS 400            | Internship                                  | 90 Cr.H+ min CGPA of 2.0 | 3           |

**Bachelor of Business Administration in Accounting and Finance Major Electives**

\*Students must complete 6 Cr.H (2 Courses)

| <b>Course Code</b> | <b>Course Title</b>           | <b>Prerequisite</b>  | <b>Cr.H</b> |
|--------------------|-------------------------------|--|-------------|
| FIN 330            | International Finance         | FIN-201  | 3           |
| FIN 320            | Financial Statement Analysis  | FIN-201  | 3           |
| ACT 335            | Advanced Financial Accounting | ACT-212  | 3           |
| FIN 480            | Financial Derivatives         | FIN-310, FIN-360   | 3           |
| FIN 444            | Investment Fund               | ECO 222, FIN 310, FIN 350 with GPA>70% in Finance courses; interviews might be required. | 3           |

## **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.

**Credential:** Bachelor Degree Program

**Duration:** 4 Years (8 Semesters)

**Credit Hours:** 123 Credit Hours

**Start Dates:** Fall, Spring and Summer

### **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 International Business Study Plan

| Semester          | Course Code  |      | Subject Title   | Prerequisite   | Cr.H      |
|-------------------|--------------|------|---|--|-----------|
| <b>Semester 1</b> | LNG          | 171  | English I   |  | 3         |
|                   | MTH          | 196  | Mathematics for Business                                  |  | 3         |
|                   | GED          | 101E | Applications of Computer Software                         |  | 3         |
|                   | MGT          | 202  | Principles of Management                                  |  | 3         |
|                   | ENT          | 141  | Fundamentals in Innovation and Entrepreneurship 1         | None   | 2         |
| <b>Total</b>      |              |      |   |  | <b>14</b> |
| <b>Semester 2</b> | ACT          | 112  | Principles of Accounting I                                |  | 3         |
|                   | ECO          | 221  | Principles of Microeconomics                              |  | 3         |
|                   | LNG          | 172  | English II  | LNG-171  | 3         |
|                   | QBA          | 241  | Quantitative Business Analysis                            |  | 3         |
|                   | GED          | 199E | UAE Society   | None   | 3         |
|                   | ENT          | 142  | Fundamentals in Innovation and Entrepreneurship 2         | ENT-141  | 1         |
| <b>Total</b>      |              |      |   |  | <b>16</b> |
| <b>Semester 3</b> | ACT          | 212  | Principles of Accounting II                               | ACT-112  | 3         |
|                   | ECO          | 222  | Principles of Macroeconomics                              |  | 3         |
|                   | MKT          | 201  | Principles of Marketing                                   | LNG-171  | 3         |
|                   | QBA          | 341  | Quantitative Approaches to Decision Making                | QBA-241  | 3         |
|                   | ENT          | 241  | Entrepreneurship I  | ENT-142  | 2         |
| <b>Total</b>      |              |      |   |  | <b>14</b> |
| <b>Semester 4</b> | FIN          | 201  | Managerial Finance  | ACT-112  | 3         |
|                   | MGT          | 210  | Business Report Writing                                   | LNG-172  | 3         |
|                   | MGT          | 231  | Legal Environment of Business                             | <b>MGT 202, LNG 172</b>  | 3         |
|                   | INB          | 300  | International Economics                                   | ECO-222  | 3         |
|                   | GED          | 198E | Islamic Culture   |  | 3         |
|                   | ENT          | 242  | Entrepreneurship II                                       | ENT-241  | 1         |
| <b>Total</b>      |              |      |   |  | <b>16</b> |
| <b>Semester 5</b> | MGT          | 311  | Business Research Methods                                 | 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                                    | MTG 202  | 3         |
|                   |              |      | Science & Technology                                      |  | 3         |
| <b>Total</b>      |              |      |   |  | <b>18</b> |
| <b>Semester 6</b> |              |      | Major Elective (1)  |  | 3         |
|                   | SWS          | 351  | Management Information Systems                            | GED-101E   | 3         |
|                   | MGT          | 320  | Organizational Behavior                                   | HRM-210  | 3         |
|                   | MGT          | 361  | Operations Management                                     | MTG-202, QBA-341   | 3         |
|                   | INB          | 420  | International Business Law                                | BUS-231  | 3         |
|                   | <b>Total</b> |      |   |  | <b>15</b> |
| <b>Semester 7</b> |              |      | Core Elective (1)   |  | 3         |
|                   |              |      | Core Elective (2)   |  | 3         |
|                   | MKT          | 465  | International Marketing                                   | MGT-361  | 3         |
|                   | INB          | 340  | The International Dimension of Human Resources Management | HRM-310  | 3         |
|                   |              |      | Major Elective (2)  |  | 3         |
|                   | <b>Total</b> |      |   |  | <b>15</b> |
| <b>Semester 8</b> | MGT          | 470  | Strategic Management                                      | HRM-210, ECO-222, ECO-221, FIN-201, MKT-201, MGT-361, +90 Cr.H | 3         |
|                   | MGT          | 405  | Business Ethics & Social Responsibility                   | Complete 90 Cr.H   | 3         |
|                   | INB          | 490  | Global Business Strategy                                  | INB-300, INB-420, INB-340, INB-450, MKT-465, FIN-330           | 3         |
|                   |              |      | Humanities (1)  |  | 3         |
|                   | <b>Total</b> |      |   |  | <b>12</b> |

|  |            |
|--|------------|
| <b>Internship to be taken summer semester after completion of 90 Cr.H + CGPA 2.0 or more</b> |            |
| <b>Total Credit Hours</b>  | <b>123</b> |

### Bachelor of Business Administration in International Business Program Requirements

| Requirements                              | Compulsory Cr.H | Elective Cr.H | Total Cr.H |
|---|-----------------|---------------|------------|
| <b>University Requirement (UR)</b>        | 21              | 6             | 27         |
| <b>Faculty Requirements (Core) (CR.H)</b> | 60              | 6             | 66         |
| <b>Concentration (Major) (MJ)</b>         | 24              | 6             | 30         |
| <b>Total</b>                              | <b>105</b>      | <b>18</b>     | <b>123</b> |

### Bachelor of Business Administration in International Business Core Requirements

| Course Code | Course Title                               | Prerequisite   | Cr.H |
|-------------|--|--|------|
| ACT 112     | Principles of Accounting I                 | None   | 3    |
| ACT 212     | Principles of Accounting II                | ACT-112  | 3    |
| MGT 202     | Principles of Management                   | None   | 3    |
| ECO 222     | Principles of Macroeconomics               | None   | 3    |
| ECO 221     | Principles of Microeconomics               | None   | 3    |
| FIN 201     | Managerial Finance                         | ACT-112  | 3    |
| HRM 210     | Human Resource Management                  | MGT-202  | 3    |
| MGT 210     | Business Report Writing                    | LNG-172  | 3    |
| MGT 231     | Legal Environment of Business              | None   | 3    |
| MGT 311     | Business Research Methods                  | QBA-341  | 3    |
| MGT 320     | Organizational Behavior                    | HRM-210  | 3    |
| MGT 361     | Operations Management                      | QBA-341, MGT-202   | 3    |
| MGT 405     | Business Ethics & Social Responsibility    | Complete 90 Cr.H   | 3    |
| MGT 470     | Strategic Management                       | HRM-210, ECO-222, ECO-221, FIN-201, MKT-201, MGT-361, +90 Cr.H | 3    |
| MKT 201     | Principles of Marketing                    | LNG-171  | 3    |
| QBA 241     | Quantitative Business Analysis             | None   | 3    |
| QBA 341     | Quantitative Approaches to Decision Making | QBA-241  | 3    |
| SWS 351     | Management Information Systems             | GED-101E   | 3    |
| INB 360     | International Business                     | MGT-202  | 3    |
| ENT 241     | Entrepreneurship I                         | ENT-142  | 2    |
| ENT 242     | Entrepreneurship II                        | ENT-241  | 1    |

### Bachelor of Business Administration in International Business Electives

\*Students must complete 6 Cr.H (2 Courses)

| Course Code | Course Title                       | Prerequisite | Cr.H |
|-------------|------------------------------------|--------------|------|
| FIN 325     | Financial Markets and Institutions | ECO-222      | 3    |
| BUS 205     | Social & Digital Media             | None         | 3    |
| MGT 310     | Tourism Management                 | MGT-202      | 3    |
| SPT 112     | Introduction to Sport Management   | None         | 3    |

### Bachelor of Business Administration in International Business Major Requirements

| Course Code | Course Title                                    | Prerequisite  | Cr.H |
|-------------|---|---|------|
| FIN 330     | International Finance                           | FIN-201   | 3    |
| HRM 440     | <b>International Human Resources Management</b> | <b>HRM-210</b>  | 3    |
| INB 300     | International Economics                         | ECO-222   | 3    |
| INB 420     | Business Law                                    | BUS-231   | 3    |
| MKT 465     | International Marketing                         | MGT-361   | 3    |
| BUS 400     | Internship                                      | 90 Credit + Min CGPA 2.0                                      | 3    |
| INB 450     | International Accounting                        | ACT-212   | 3    |
| INB 490     | Global Business Strategy                        | INB-300, INB-420, , <b>HRM 440</b> ,INB-450, MKT-465, FIN-330 | 3    |

### Bachelor of Business Administration in International Business Major Electives

\*Students must complete 6 Cr.H (2 Courses)

| Course Code | Course Title | Prerequisite                   | Cr.H             |
|-------------|--------------|--------------------------------|------------------|
| SCM         | 314          | Global Supply Chain Management | MGT 361          |
| MKT         | 320          | Retailing                      | MKT-201          |
| INB         | 410          | International Management       | MGT 202          |
| INB         | 420          | International Trade and Policy | INB-360, INB 300 |
|             |              |                                | 3                |
|             |              |                                | 3                |
|             |              |                                | 3                |

## Bachelor of Business Administration in Events & Tourism Management

### Description:

Canadian University Dubai's BBA in Events & Tourism Management will give students a solid background in business studies, including management, accounting, finance, marketing, human resource management, and general culture as well as specialized skills that are specific to the events and tourism industry. Study-skills such as product design and tourism service-management, as well as event organizing are covered.

Students will be required to take compulsory courses in tourism and hospitality management, event and festival management, recreation and tourism, tourism destinations, events marketing, and tourism development. Graduates will be able to respond effectively to tourists' needs taking their own experience, objective, and cultural understanding into account, as well as the needs of employers.

**Credential:** Bachelor Degree Program

**Duration:** 4 Years (8 Semesters)

**Credit Hours:** 123 Credit Hours

**Start Dates:** Fall, Spring and Summer

### Benefits:

The growth of the tourism industry has been identified as key to the future economic growth of the UAE. In 2015 earnings from tourism accounted for 8.7% of the UAE's Gross Domestic Product (GDP) and the vision of Dubai Tourism is to attract 20 million visitors per year to the emirate by expanding existing attractions and promoting Dubai as a business, event, and entertainment destination.

In order to achieve these goals, the demand for employees with training in event and tourism management will grow exponentially. Therefore, to continue to host successful live concerts, business meetings, sporting events, festivals, religious events, theatrical performances, etc., the UAE and Dubai will need educated and competent specialized employees meaning that graduates of the BBA in Event & Tourism Management will be in high demand across the country.

### Career Opportunities:

Graduates of this program will be in demand from a number of key organizations in event and tourism management, including:

- Government Departments
- Tourism Organizations
- Event Agencies,
- Marketing Agencies,
- PR Agencies
- Tour Operators
- Travel Agencies
- Hotels and Restaurants

## Bachelor of Business Administration in Events & Tourism Management Study Plan

| Semester     | Course Code  | Subject Title                                     | Prerequisite                             | Cr.H      |
|--------------|--------------|---|--|-----------|
| Semester 1   | LNG 171      | English I   |  | 3         |
|              | MTH 196      | Mathematics for Business                          |  | 3         |
|              | GED 101E     | Applications of Computer Software                 |  | 3         |
|              | MGT 202      | Principles of Management                          |  | 3         |
|              | ENT 141      | Fundamentals in Innovation and Entrepreneurship 1 | None                                     | 2         |
| <b>Total</b> |              |   |  | <b>14</b> |
| Semester 2   | ACT 112      | Principles of Accounting I                        |  | 3         |
|              | ECO 221      | Principles of Microeconomics                      |  | 3         |
|              | LNG 172      | English II  | LNG-171                                  | 3         |
|              | QBA 241      | Quantitative Business Analysis                    |  | 3         |
|              | GED 199E     | UAE Society                                       | None                                     | 3         |
|              | ENT 142      | Fundamentals in Innovation and Entrepreneurship 2 | ENT-141                                  | 1         |
| <b>Total</b> |              |   |  | <b>16</b> |
| Semester 3   | ACT 212      | Principles of Accounting II                       | ACT-112                                  | 3         |
|              | ECO 222      | Principles of Macroeconomics                      |  | 3         |
|              | MKT 201      | Principles of Marketing                           | LNG-171                                  | 3         |
|              | QBA 341      | Quantitative Approaches to Decision Making        | QBA-241                                  | 3         |
|              | ENT 241      | Entrepreneurship I                                | ENT-142                                  | 2         |
| <b>Total</b> |              |   |  | <b>14</b> |
| Semester 4   | FIN 201      | Managerial Finance                                | ACT-112                                  | 3         |
|              | MGT 210      | Business Report Writing                           | LNG-172                                  | 3         |
|              | MGT 231      | Legal Environment of Business                     | MGT 202, LNG 172                         | 3         |
|              | ETM 200      | Tourism & Hospitality Management                  | LNG-172 & MGT-202                        | 3         |
|              | MKT 208      | Consumer Behavior                                 | MKT-201                                  | 3         |
|              | ENT 242      | Entrepreneurship II                               | ENT-241                                  | 1         |
| <b>Total</b> |              |   |  | <b>16</b> |
| Semester 5   | MGT 311      | Business Research Methods                         | QBA-341                                  | 3         |
|              | HRM 210      | Human Resource Management                         | MGT-202                                  | 3         |
|              | ETM 300      | International Events Management                   | ETM-200                                  | 3         |
|              | ETM 310      | Recreation and Tourism                            | ETM-200                                  | 3         |
|              | INB 360      | International Business                            | MGT 202                                  | 3         |
|              |              | Science & Technology                              |  | 3         |
| <b>Total</b> |              |   |  | <b>18</b> |
| Semester 6   | ETM 320      | Festivals Management                              | ETM-300, MGT-210                         | 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         |
|              | ETM 410      | Events Marketing                                  | MKT-201 & ETM-300 / MKT-310 / MKT-208    | 3         |
|              | <b>Total</b> |   |  |           |
| Semester 7   |              | Core elective (1)                                 |  | 3         |
|              |              | Core elective (2)                                 |  | 3         |
|              | ETM 415      | Tourism Destination                               | ETM-200, MGT-210                         | 3         |
|              | GED 198E     | Islamic Culture                                   |  | 3         |
|              |              | Major Elective (1)                                |  | 3         |
|              | <b>Total</b> |   |  |           |
| Semester 8   | MGT 470      | Strategic Management                              | HRM-210, ECO-221, 222, FIN-201, MKT-201, | 3         |

|  |     |   |                   |            |
|--|-----|---|-------------------|------------|
|  |     |   | MGT-361, +90 Cr.H |            |
| MGT  | 405 | Business Ethics & Social Responsibility | Complete 90 Cr.H  | 3          |
| ETM  | 420 | Sustainable Tourism Development         | ETM-410           | 3          |
|  |     | Humanity 1                              |                   | 3          |
| <b>Total</b>   |     |   |                   | <b>12</b>  |
| <b>Internship to be taken summer semester after completion of 90 Cr.H + CGPA 2.0 or more</b> |     |   |                   | <b>3</b>   |
| <b>Total Credit Hours</b>  |     |   |                   | <b>123</b> |

### Bachelor of Business Administration in Events & Tourism Management Program Requirements

| Requirements                              | Compulsory Cr.H | Elective Cr.H | Total Cr.H |
|---|-----------------|---------------|------------|
| <b>University Requirement (UR)</b>        | 21              | 6             | 27         |
| <b>Faculty Requirements (Core) (CR.H)</b> | 60              | 6             | 66         |
| <b>Concentration (Major) (MJ)</b>         | 27              | 3             | 30         |
| <b>Total</b>                              | <b>108</b>      | <b>15</b>     | <b>123</b> |

### Bachelor of Business Administration in Events & Tourism Management Core Requirements

| Course Code | Course Title                               | Prerequisite   | Cr.H |
|-------------|--|--|------|
| ACT 112     | Principles of Accounting I                 | None   | 3    |
| ACT 212     | Principles of Accounting II                | ACT-112  | 3    |
| MGT 202     | Principles of Management                   | None   | 3    |
| ECO 222     | Principles of Macroeconomics               | None   | 3    |
| ECO 221     | Principles of Microeconomics               | None   | 3    |
| FIN 201     | Managerial Finance                         | ACT-112  | 3    |
| HRM 210     | Human Resource Management                  | MGT-202  | 3    |
| MGT 210     | Business Report Writing                    | LNG-172  | 3    |
| MGT 231     | Legal Environment of Business              | <b>MGT 202, LNG 172</b>  | 3    |
| MGT 311     | Business Research Methods                  | QBA-341  | 3    |
| MGT 320     | Organizational Behavior                    | HRM-210  | 3    |
| MGT 361     | Operations Management                      | QBA-341, MGT-202   | 3    |
| MGT 405     | Business Ethics & Social Responsibility    | Complete 90 Cr.H   | 3    |
| MGT 470     | Strategic Management                       | HRM-210, ECO-222, ECO-221, FIN-201, MKT-201, MGT-361, +90 Cr.H | 3    |
| MKT 201     | Principles of Marketing                    | LNG-171  | 3    |
| QBA 241     | Quantitative Business Analysis             | None   | 3    |
| QBA 341     | Quantitative Approaches to Decision Making | QBA-241  | 3    |
| SWS 351     | Management Information Systems             | GED-101E   | 3    |
| INB 360     | International Business                     | MGT-202  | 3    |
| ENT 241     | Entrepreneurship I                         | ENT-142  | 2    |
| ENT 242     | Entrepreneurship II                        | ENT-241  | 1    |

### Bachelor of Business Administration in Events & Tourism Management Core Electives

\*Students must complete 6 Cr.H (2 Courses)

| Course Code | Course Title                       | Prerequisite | Cr.H |
|-------------|------------------------------------|--------------|------|
| FIN 325     | Financial Markets and Institutions | ECO-222      | 3    |
| BUS 205     | Social & Digital Media             | None         | 3    |
| MGT 310     | Tourism Management                 | MGT-202      | 3    |
| SPT 112     | Introduction to Sport Management   | None         | 3    |

### Bachelor of Business Administration in Events & Tourism Management Major Requirements

| Course Code | Course Title                     | Prerequisite      | Cr.H |
|-------------|----------------------------------|-------------------|------|
| ETM 200     | Tourism & Hospitality Management | LNG-172 & MGT-202 | 3    |
| MKT 208     | Consumer Behavior                | MKT-201           | 3    |
| ETM 300     | Events Management                | ETM-200           | 3    |
| ETM 310     | Recreation and Tourism           | ETM-200           | 3    |
| ETM 320     | Festivals Management             | ETM-300,MGT-210   | 3    |

|     |     |                                 |                                      |   |
|-----|-----|---------------------------------|--------------------------------------|---|
| ETM | 410 | Events Marketing                | MKT-201 and/ETM-300 /MKT-310/MKT-208 | 3 |
| ETM | 415 | Tourism Destination             | ETM-200, MGT-210                     | 3 |
| ETM | 420 | Sustainable Tourism Development | ETM-410                              | 3 |
| BUS | 400 | Internship                      | 90 Cr.H+ Min CGPA 2.0                | 3 |

### Bachelor of Business Administration in Events & Tourism Management Major Electives

\*Students must complete 3 Cr.H (1 Course)

| Course Code | Course Title  | Prerequisite | Cr.H |
|-------------|---|--------------|------|
| ETM 315     | Meetings Incentive Conferences and Events (MICE) Management | ETM-320      | 3    |
| ETM 330     | Medical & Wellness Tourism                                  | ETM-200      | 3    |
| ETM 430     | Resort and Hotel Facilities                                 | ETM-310      | 3    |

### Bachelor of Business Administration in Forensic Accounting

#### Description:

Canadian University Dubai's BBA in Forensic Accounting will teach you the fundamentals of how to prevent, detect and investigate fraud through industry-relevant core classes plus electives in accounting, criminal justice and information technology. Key areas of study are forensic investigation, forensic dispute resolution, financial accounting, corporate and criminal law, taxation, managing financial risks, ethics, social responsibility and corporate governance.

**Credential:** Bachelor Degree Program

**Duration:** 4 Years (8 Semesters)

**Credit Hours:** 123 Credit Hours

**Start Dates:** Fall, Spring and Summer

#### Benefits:

For the past 30 years business surveys have found that fraud is a widespread problem throughout the business world, especially in light of highly publicized financial scandals such as Enron, Bernie Madoff, WorldCom, HealthSouth, Satyam, Xerox and more.

Leaders in the accounting profession have begun to clamor for forensic accounting education to be given to accounting students and forensic accounting has become one of the hottest career tracks for them. The demand from students for forensic accounting education far exceeds the supply of programs offered by colleges and universities around the world.

Forensic accountants need to possess skills in five critical areas: interrogation and interviewing; evidence sourcing (the proper collection, evaluation, and documentation of evidence); fraudulent financial-statement schemes; legal issues relating to fraud; and computer-fraud techniques, as well as, critical thinking, complex problem solving, and oral and written communication.

In addition, they will acquire investigative flexibility, analytical proficiency, legal knowledge and deductive analysis. Forensic accounting is a demanding profession that promises great rewards for those with an inquisitive mind and attention to detail.

## **Career Opportunities:**

Graduates of the program will be ready for careers as:

- Law enforcement officers,
- Treasury agents
- Governmental auditors
- Internal auditors
- Insurance loss prevention specialists,
- Corporate security specialists
- Private investigators
- Fraud control specialists

## Bachelor of Business Administration in Forensic Accounting Study Plan

| Semester                  | Course Code  |      |   | Subject Title  | Prerequisite | Cr. H      |
|---------------------------|--------------|------|---|--|--------------|------------|
| Semester 1                | LNG          | 171  | English I   |  |              | 3          |
|                           | MTH          | 196  | Mathematics for Business                          |  |              | 3          |
|                           | GED          | 101E | Applications of Computer Software                 |  |              | 3          |
|                           | MGT          | 202  | Principles of Management                          |  |              | 3          |
|                           | ENT          | 141  | Fundamentals in Innovation and Entrepreneurship 1 | None   |              | 2          |
|                           | <b>Total</b> |      |   |  |              | <b>14</b>  |
| Semester 2                | ACT          | 112  | Principles of Accounting I                        |  |              | 3          |
|                           | ECO          | 221  | Principles of Microeconomics                      |  |              | 3          |
|                           | LNG          | 172  | English II  | LNG-171  |              | 3          |
|                           | QBA          | 241  | Quantitative Business Analysis                    |  |              | 3          |
|                           | GED          | 199E | UAE Society                                       | None   |              | 3          |
|                           | ENT          | 142  | Fundamentals in Innovation and Entrepreneurship 2 | ENT-141  |              | 1          |
| <b>Total</b>              |              |      |   |  |              | <b>16</b>  |
| Semester 3                | ACT          | 212  | Principles of Accounting II                       | ACT-112  |              | 3          |
|                           | ECO          | 222  | Principles of Macroeconomics                      |  |              | 3          |
|                           | MKT          | 201  | Principles of Marketing                           | LNG-171  |              | 3          |
|                           | QBA          | 341  | Quantitative Approaches to Decision Making        | QBA-241  |              | 3          |
|                           | ENT          | 241  | Entrepreneurship I                                | ENT-142  |              | 2          |
|                           | <b>Total</b> |      |   |  |              | <b>14</b>  |
| Semester 4                | FIN          | 201  | Managerial Finance                                | ACT-112  |              | 3          |
|                           | MGT          | 210  | Business Report Writing                           | LNG-172  |              | 3          |
|                           | ACT          | 330  | International Financial Reporting Standards       | ACT-212  |              | 3          |
|                           | ACT          | 310  | Management Accounting                             | ACT-212  |              | 3          |
|                           | GED          | 198E | Islamic Culture                                   |  |              | 3          |
|                           | ENT          | 242  | Entrepreneurship II                               | ENT-241  |              | 1          |
| <b>Total</b>              |              |      |   |  |              | <b>16</b>  |
| Semester 5                | MGT          | 311  | Business Research Methods                         | QBA-341  |              | 3          |
|                           | HRM          | 210  | Human Resource Management                         | MGT-202  |              | 3          |
|                           | FIN          | 310  | Corporate Finance                                 | FIN-201  |              | 3          |
|                           | ACT          | 325  | Forensic Accounting                               | ACT-212  |              | 3          |
|                           | INB          | 360  | International Business                            | MGT 202  |              | 3          |
|                           | ACT          | 450  | Auditing  | ACT-330  |              | 3          |
| <b>Total</b>              |              |      |   |  |              | <b>18</b>  |
| Semester 6                | FIN          | 320  | Financial Statement Analysis                      | 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          |
|                           | ACT          | 430  | Accounting Information Systems                    | ACT-212  |              | 3          |
|                           | <b>Total</b> |      |   |  |              | <b>15</b>  |
| Semester 7                |              |      | Core Elective (1)                                 |  |              | 3          |
|                           | ACT          | 451  | Professional Auditing Practices                   | ACT-450  |              | 3          |
|                           | MGT          | 231  | Legal Environment of Business                     | MGT 202, LNG 172   |              | 3          |
|                           |              |      | Major Elective (1)                                |  |              | 3          |
|                           |              |      | Science & Technology                              |  |              | 3          |
|                           | <b>Total</b> |      |   |  |              | <b>15</b>  |
| Semester 8                | MGT          | 470  | Strategic Management                              | HRM-210, ECO-222, ECO-221, FIN-201, MKT-201, MGT-361, +90 Cr.H |              | 3          |
|                           | MGT          | 405  | Business Ethics & Social Responsibility           | MGT-202  |              | 3          |
|                           | ACT          | 455  | Fraud Examination                                 | ACT-451  |              | 3          |
|                           |              |      | Core Elective (2)                                 |  |              | 3          |
|                           |              |      | Humanity 1  |  |              | 3          |
|                           | <b>Total</b> |      |   |  |              | <b>15</b>  |
| <b>Total Credit Hours</b> |              |      |   |  |              | <b>123</b> |

### Bachelor of Business Administration in Forensic Accounting Program Requirements

| Requirements                              | Compulsory Cr.H | Elective Cr.H | Total Cr.H |
|---|-----------------|---------------|------------|
| <b>University Requirement (UR)</b>        | 21              | 6             | 27         |
| <b>Faculty Requirements (Core) (CR.H)</b> | 60              | 6             | 66         |
| <b>Concentration (Major) (MJ)</b>         | 27              | 3             | 30         |
| <b>Total</b>                              | <b>108</b>      | <b>15</b>     | <b>123</b> |

### Bachelor of Business Administration in Forensic Accounting Core Requirements

| Course Code | Course Title                               | Prerequisite   | Cr.H |
|-------------|--|--|------|
| ACT 112     | Principles of Accounting I                 | None   | 3    |
| ACT 212     | Principles of Accounting II                | ACT-112  | 3    |
| MGT 202     | Principles of Management                   | None   | 3    |
| ECO 222     | Principles of Macroeconomics               | None   | 3    |
| ECO 221     | Principles of Microeconomics               | None   | 3    |
| FIN 201     | Managerial Finance                         | ACT-112  | 3    |
| HRM 210     | Human Resource Management                  | MGT-202  | 3    |
| MGT 210     | Business Report Writing                    | LNG-172  | 3    |
| MGT 231     | Legal Environment of Business              | None   | 3    |
| MGT 311     | Business Research Methods                  | QBA-341  | 3    |
| MGT 320     | Organizational Behavior                    | HRM-210  | 3    |
| MGT 361     | Operations Management                      | QBA-341, MGT-202   | 3    |
| MGT 405     | Business Ethics & Social Responsibility    | Complete 90 Cr.H   | 3    |
| MGT 470     | Strategic Management                       | HRM-210, ECO-222, ECO-221, FIN-201, MKT-201, MGT-361, +90 Cr.H | 3    |
| MKT 201     | Principles of Marketing                    | LNG-171  | 3    |
| QBA 241     | Quantitative Business Analysis             | None   | 3    |
| QBA 341     | Quantitative Approaches to Decision Making | QBA-241  | 3    |
| SWS 351     | Management Information Systems             | GED-101E   | 3    |
| INB 360     | International Business                     | MGT-202  | 3    |
| ENT 241     | Entrepreneurship I                         | ENT-142  | 2    |
| ENT 242     | Entrepreneurship II                        | ENT-241  | 1    |

### Bachelor of Business Administration in Forensic Accounting Electives

\*Students must complete 6 Cr.H (2 Courses)

| Course Code | Course Title                       | Prerequisite | Cr.H |
|-------------|------------------------------------|--------------|------|
| FIN 325     | Financial Markets and Institutions | ECO-222      | 3    |
| BUS 205     | Social & Digital Media             | None         | 3    |
| MGT 310     | Tourism Management                 | MGT-202      | 3    |
| SPT 112     | Introduction to Sport Management   | None         | 3    |

### Bachelor of Business Administration in Forensic Accounting Major Requirements

| Course Code | Course Title                                | Prerequisite | Cr.H |
|-------------|---|--------------|------|
| ACT 310     | Management Accounting                       | ACT-212      | 3    |
| FIN 310     | Corporate Finance                           | FIN-201      | 3    |
| FIN 320     | Financial Statement Analysis                | FIN-201      | 3    |
| ACT 325     | Forensic Accounting                         | ACT-212      |      |
| ACT 330     | International Financial Reporting Standards | ACT-212      | 3    |
| ACT 430     | Accounting Information Systems              | ACT-212      | 3    |
| ACT 450     | Auditing                                    | ACT-330      | 3    |
| ACT 451     | Professional Auditing Practices             | ACT-450      | 3    |
| ACT 455     | Fraud Examination                           | ACT-451      | 3    |

### Bachelor of Business Administration in Forensic Accounting Major Electives

\*Students must complete 3 Cr.H (1 Course)

| Course Code | Course Title | Prerequisite | Cr.H |
|-------------|--------------|--------------|------|
|             |              |              |      |

|     |     |                               |                   |   |
|-----|-----|-------------------------------|-------------------|---|
| ACT | 315 | Digital Forensics             | ACT-212 & SWS-351 | 3 |
| ACT | 328 | Money Laundering              | ACT-212           | 3 |
| ACT | 335 | Advanced Financial Accounting | ACT-212           | 3 |

## Bachelor of Business Administration in Luxury Marketing

### Description:

Canadian University Dubai's BBA in Luxury Marketing focuses on the needs and features of the growing luxury market. Luxury Marketing professionals are employed by high-end brands operating in a number of industries ranging from fashion, cars and jewelry through to hospitality. Your specialized knowledge will enable you to design custom-made marketing strategies that pertain to the luxury industry and its special requirements in marketing.

You will have a thorough understanding of customer expectations and cultural norms as well as the brand strategies that are the basis of success for all luxury companies. Our BBA program will provide you with industry-specific insights into the marketing of luxury goods, such as a product's particular features and characteristics, different pricing strategies, retailing and channel management as well as promotional and advertising activities.

It will also provide you with an understanding of different types of luxury consumers and consumer profiles as well as purchasing motivations. From a brand management perspective, the program will enable students to differentiate between expansion strategies for luxury brands and to comprehend the opportunities and threats arising from a luxury brand's activities in the context of the Internet and web 2.0 applications.

**Credential:** Bachelor Degree Program

**Duration:** 4 Years (8 Semesters)

**Credit Hours:** 123 Credit Hours

**Start Dates:** Fall, Spring and Summer

### Benefits:

Dubai is currently the 10th largest city in the world in luxury consumption and the luxury market in the GCC is expected to grow at an average rate of 8% over the next five years. With most luxury brands in the world operating retail stores and/or offices here, there is a high demand for luxury marketing professionals who can address the needs of these companies.

Moreover, the density of brand presence, in the GCC requires luxury marketers to support the brands by strengthening their brand equity and helping them gain a competitive edge. This will require employees who have a particular understanding of the luxury market in the region and its underlying mechanisms.

With no other university in the UAE offering a degree in Luxury Marketing, graduates of this program will find themselves in high demand from major international employers and brands. The

opportunities for growth and advancement are endless especially for those who consider themselves brand connoisseurs.

### **Career Opportunities:**

Graduates will be able to find careers with:

- Marketing agencies
- Luxury retailers
- Public Relations agencies
- Luxury Hotels and Restaurants
- Travel agencies

## Bachelor of Business Administration in Luxury Marketing Study Plan

| Semester     | Course Code |      | Subject Title                                     | Prerequisite   | Cr. H     |
|--------------|-------------|------|---|--|-----------|
| Semester 1   | LNG         | 171  | English I   |  | 3         |
|              | MTH         | 196  | Mathematics for Business                          |  | 3         |
|              | GED         | 101E | Applications of Computer Software                 |  | 3         |
|              | MGT         | 202  | Principles of Management                          |  | 3         |
|              | ENT         | 141  | Fundamentals in Innovation and Entrepreneurship 1 | None   | 2         |
| <b>Total</b> |             |      |   |  | <b>14</b> |
| Semester 2   | ACT         | 112  | Principles of Accounting I                        |  | 3         |
|              | ECO         | 221  | Principles of Microeconomics                      |  | 3         |
|              | LNG         | 172  | English II  | LNG-171  | 3         |
|              | QBA         | 241  | Quantitative Business Analysis                    |  | 3         |
|              | GED         | 199E | UAE Society                                       | None   | 3         |
|              | ENT         | 142  | Fundamentals in Innovation and Entrepreneurship 2 | ENT-141  | 1         |
| <b>Total</b> |             |      |   |  | <b>16</b> |
| Semester 3   | ACT         | 212  | Principles of Accounting II                       | ACT-112  | 3         |
|              | ECO         | 222  | Principles of Macroeconomics                      |  | 3         |
|              | MKT         | 201  | Principles of Marketing                           | LNG-171  | 3         |
|              | QBA         | 341  | Quantitative Approaches to Decision Making        | QBA-241  | 3         |
|              | ENT         | 241  | Entrepreneurship I                                | ENT-142  | 2         |
| <b>Total</b> |             |      |   |  | <b>14</b> |
| Semester 4   | FIN         | 201  | Managerial Finance                                | ACT-112  | 3         |
|              | MGT         | 210  | Business Report Writing                           | LNG-172  | 3         |
|              | MGT         | 231  | Legal Environment of Business                     |  | 3         |
|              | MKT         | 208  | Consumer Behavior                                 | MKT-201  | 3         |
|              | GED         | 198E | Islamic Culture                                   |  | 3         |
|              | ENT         | 242  | Entrepreneurship II                               | ENT-241  | 1         |
| <b>Total</b> |             |      |   |  | <b>16</b> |
| Semester 5   | MGT         | 311  | Business Research Methods                         | QBA-341  | 3         |
|              | HRM         | 210  | Human Resource Management                         | MGT-202  | 3         |
|              | MKT         | 350  | Luxury Marketing                                  | MKT-201  | 3         |
|              | MKT         | 310  | Advertising and Promotion                         | MKT-201  | 3         |
|              | INB         | 360  | International Business                            | MGT 202  | 3         |
|              |             |      | Science & Technology                              |  | 3         |
| <b>Total</b> |             |      |   |  | <b>18</b> |
| 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         |
|              | MKT         | 330  | Digital Luxury                                    | MKT 201  | 3         |
| <b>Total</b> |             |      |   |  | <b>15</b> |
| Semester 7   |             |      | Core elective (1)                                 |  | 3         |
|              |             |      | Core elective (2)                                 |  | 3         |
|              | MKT         | 335  | Luxury Branding                                   | MKT 320  | 3         |
|              | MKT         | 430  | Marketing Research                                | MKT-208 & QBA 341  | 3         |
|              |             |      | Major Elective (1)                                |  | 3         |
| <b>Total</b> |             |      |   |  | <b>15</b> |
| Semester 8   | MGT         | 470  | Strategic Management                              | HRM-210, ECO-221, 222, FIN-201, MKT-201, MGT-361, + 90 Cr.H. | 3         |
|              | MGT         | 405  | Business Ethics & Social Responsibility           | Complete 90 Cr.H   | 3         |
|              | MKT         | 420  | Luxury Brand Management                           | MKT 335  | 3         |

|  |              |              |  |            |
|--|--------------|--------------|--|------------|
|  |              | Humanity (1) |  | 3          |
|  | <b>Total</b> |              |  | <b>12</b>  |
| <b>Internship to be taken in summer semester after completion of 90 Cr.H with CGPA 2.0 or more</b> |              |              |  | <b>3</b>   |
| <b>Total Credit Hours</b>  |              |              |  | <b>123</b> |

### Bachelor of Business Administration in Luxury Marketing Program Requirements

| Requirements                              | Compulsory Cr.H | Elective Cr.H | Total Cr.H |
|---|-----------------|---------------|------------|
| <b>University Requirement (UR)</b>        | 21              | 6             | 27         |
| <b>Faculty Requirements (Core) (CR.H)</b> | 60              | 6             | 66         |
| <b>Concentration (Major) (MJ)</b>         | 27              | 3             | 30         |
| <b>Total</b>                              | <b>108</b>      | <b>15</b>     | <b>123</b> |

### Bachelor of Business Administration in Luxury Marketing Core Requirements

| Course Code | Course Title                               | Prerequisite   | Cr.H |
|-------------|--|--|------|
| ACT 112     | Principles of Accounting I                 | None   | 3    |
| ACT 212     | Principles of Accounting II                | ACT-112  | 3    |
| MGT 202     | Principles of Management                   | None   | 3    |
| ECO 222     | Principles of Macroeconomics               | None   | 3    |
| ECO 221     | Principles of Microeconomics               | None   | 3    |
| FIN 201     | Managerial Finance                         | ACT-112  | 3    |
| HRM 210     | Human Resource Management                  | MGT-202  | 3    |
| MGT 210     | Business Report Writing                    | LNG-172  | 3    |
| MGT 231     | Legal Environment of Business              | None   | 3    |
| MGT 311     | Business Research Methods                  | QBA-341  | 3    |
| MGT 320     | Organizational Behavior                    | HRM-210  | 3    |
| MGT 361     | Operations Management                      | QBA-341, MGT-202   | 3    |
| MGT 405     | Business Ethics & Social Responsibility    | Complete 90 Cr.H   | 3    |
| MGT 470     | Strategic Management                       | HRM-210, ECO-222, ECO-221, FIN-201, MKT-201, MGT-361, +90 Cr.H | 3    |
| MKT 201     | Principles of Marketing                    | LNG-171  | 3    |
| QBA 241     | Quantitative Business Analysis             | None   | 3    |
| QBA 341     | Quantitative Approaches to Decision Making | QBA-241  | 3    |
| SWS 351     | Management Information Systems             | GED-101E   | 3    |
| INB 360     | International Business                     | MGT-202  | 3    |
| ENT 241     | Entrepreneurship I                         | ENT-142  | 2    |
| ENT 242     | Entrepreneurship II                        | ENT-241  | 1    |

### Bachelor of Business Administration in Luxury Marketing Electives

\*Students must complete 6 Cr.H (2 Courses)

| Course Code | Course Title                       | Prerequisite | Cr.H |
|-------------|------------------------------------|--------------|------|
| FIN 325     | Financial Markets and Institutions | ECO-222      | 3    |
| BUS 205     | Social & Digital Media             | None         | 3    |
| MGT 310     | Tourism Management                 | MGT-202      | 3    |
| SPT 112     | Introduction to Sport Management   | None         | 3    |

### Bachelor of Business Administration in Luxury Marketing Major Requirements

| Course Code | Course Title            | Prerequisite          | Cr.H |
|-------------|-------------------------|-----------------------|------|
| MKT 208     | Consumer Behavior       | MKT-201               | 3    |
| MKT 310     | Advertising & Promotion | MKT-201               | 3    |
| MKT 320     | Retailing               | MKT-201               | 3    |
| MKT 330     | Digital Luxury          | MKT-201               | 3    |
| MKT 335     | Luxury Branding         | MKT-320               | 3    |
| MKT 350     | Luxury Marketing        | MKT-201               | 3    |
| BUS 400     | Internship              | 90 Cr.H+ Min CGPA 2.0 | 3    |
| MKT 420     | Luxury Brand Management | MKT 335               | 3    |
| MKT 430     | Marketing Research      | MKT-208 & QBA 341     | 3    |

### Bachelor of Business Administration in Luxury Marketing Major Electives

\*Students must complete 3 Cr.H (1 Course)

| Course Code | Course Title       | Prerequisite | Cr.H |
|-------------|--------------------|--------------|------|
| MKT 380     | Luxury Fashion     | MKT-335      | 3    |
| MKT 385     | Luxury Hospitality | MKT-364      | 3    |

## Bachelor of Business Administration in Operations and Supply Chain Management

### Description:

Canadian University Dubai's BBA in Operations & Supply Chain Management will provide students with the knowledge and skills they need to excel in supply chain management including logistics and transportation management, purchasing, procurement and supply management, supply chain sustainability, distribution and pricing strategies, supply chain legal environments, project management, supply chain risk analysis, and supply chain technologies.

The BBA will balance theory and practice in operations and supply chain management in order to prepare graduates to meet future challenges and create new synergies across disciplines that are relevant in today's changing manufacturing and service sectors' environment.

**Credential:** Bachelor Degree Program

**Duration:** 4 Years (8 Semesters)

**Credit Hours:** 123 Credit Hours

**Start Dates:** Fall, Spring and Summer

### Benefits:

The logistics and supply chain industry is a key part of the engine driving the UAE's economic growth and competitiveness. The UAE supply chain and logistics market has been on a robust growth trajectory and is well placed to be the key logistics hub in the GCC region by 2030.

To date, the sector has played a vital role in the country's sustained economic growth by contributing nearly 14 per cent of the UAE's Gross Domestic Product (GDP) in 2015.

As a result of this growth the demand for supply chain and procurement professionals for the manufacturing sector has increased dramatically, and the continued growth in construction, infrastructure, retail, fast moving consumer goods (FMCG), and the healthcare sectors means that the demand for professionals in these industries is also growing rapidly.

Graduates of this program will find themselves in high demand across a wide range of industries in the UAE and beyond.

### Career Opportunities:

Graduates will be able to find careers such as:

- Procurement Manager
- Contracts Manager
- Trade Compliance Manager
- Bid Manager
- Supply Chain Manager
- Operations Manager
- Logistics Manager
- Warehouse Manager
- Senior Contract Engineer

- Demand and Supply Planning Manager
- Category Manager
- Materials Manager
- Buyer
- Demand and Supply Planner
- Warehouse Manager
- Materials Engineer

## Bachelor of Business Administration in Operations and Supply Chain Management Study Plan

| Semester     | Course Code |      | Subject Title                                     | Prerequisite     | Cr.H      |
|--------------|-------------|------|---|------------------|-----------|
| Semester 1   | LNG         | 171  | English I   |                  | 3         |
|              | MTH         | 196  | Mathematics for Business                          |                  | 3         |
|              | GED         | 101E | Applications of Computer Software                 |                  | 3         |
|              | MGT         | 202  | Principles of Management                          |                  | 3         |
|              | ENT         | 141  | Fundamentals in Innovation and Entrepreneurship 1 | None             | 2         |
| <b>Total</b> |             |      |   |                  | <b>14</b> |
| Semester 2   | ACT         | 112  | Principles of Accounting I                        |                  | 3         |
|              | ECO         | 221  | Principles of Microeconomics                      |                  | 3         |
|              | LNG         | 172  | English II  | LNG-171          | 3         |
|              | QBA         | 241  | Quantitative Business Analysis                    |                  | 3         |
|              | GED         | 199E | UAE Society                                       | None             | 3         |
|              | ENT         | 142  | Fundamentals in Innovation and Entrepreneurship 2 | ENT-141          | 1         |
| <b>Total</b> |             |      |   |                  | <b>16</b> |
| Semester 3   | ACT         | 212  | Principles of Accounting II                       | ACT-112          | 3         |
|              | ECO         | 222  | Principles of Macroeconomics                      |                  | 3         |
|              | MKT         | 201  | Principles of Marketing                           | LNG-171          | 3         |
|              | QBA         | 341  | Quantitative Approaches to Decision Making        | QBA-241          | 3         |
|              | ENT         | 241  | Entrepreneurship I                                | ENT-142          | 2         |
| <b>Total</b> |             |      |   |                  | <b>14</b> |
| Semester 4   | FIN         | 201  | Managerial Finance                                | ACT-112          | 3         |
|              | MGT         | 210  | Business Report Writing                           | LNG-172          | 3         |
|              | MGT         | 231  | Legal Environment of Business                     | MGT 202, LNG 172 | 3         |
|              | MGT         | 361  | Operations Management                             | MGT-202, QBA-341 | 3         |
|              | GED         | 198E | Islamic Culture                                   |                  | 3         |
|              | ENT         | 242  | Entrepreneurship II                               | ENT-241          | 1         |
| <b>Total</b> |             |      |   |                  | <b>16</b> |
| Semester 5   | MGT         | 311  | Business Research Methods                         | QBA-341          | 3         |
|              | HRM         | 210  | Human Resource Management                         | MGT-202          | 3         |
|              | SCM         | 310  | Supply Chain Management                           | QBA-341, MGT-361 | 3         |
|              | SCM         | 314  | Global Supply Chain Management                    | MGT-361          | 3         |
|              | INB         | 360  | International Business                            | MGT 202          | 3         |
|              |             |      | Science & Technology                              |                  | 3         |
| <b>Total</b> |             |      |   |                  | <b>18</b> |
| Semester 6   | SCM         | 313  | Logistics and Transportation Management           | SCM-310          | 3         |
|              | SWS         | 351  | Management Information Systems                    | GED-101E         | 3         |
|              | MGT         | 320  | Organizational Behavior                           | HRM-210          | 3         |
|              |             |      | Major Elective (1)                                |                  | 3         |
|              | SCM         | 315  | Procurement and Supply management                 | SCM-310          | 3         |
| <b>Total</b> |             |      |   |                  | <b>15</b> |
| Semester 7   |             |      | Core elective (1)                                 |                  | 3         |
|              |             |      | Core elective (2)                                 |                  | 3         |
|              | SCM         | 401  | Supply Chain Information Technology               | SWS-351, SCM-310 | 3         |
|              |             |      | Major Elective (2)                                |                  | 3         |
|              | SCM         | 404  | Supply Chain Risk Management                      | QBA-341, SCM-310 | 3         |
| <b>Total</b> |             |      |   |                  | <b>15</b> |

|  |              |     |  |  |            |  |  |  |  |
|--|--------------|-----|--|--|------------|--|--|--|--|
| <b>Semester 8</b>  | MGT          | 470 | Strategic Management                             | HRM-210, ECO-221, 222, FIN-201, MKT-201, MGT-361, + 90 Cr.H. | 3          |  |  |  |  |
|  | MGT          | 405 | Business Ethics & Social Responsibility          | Complete 90 Cr.H   | 3          |  |  |  |  |
|  | SCM          | 409 | Strategic Operations and Supply Chain Management | SCM-310, SCM-404   | 3          |  |  |  |  |
|  |              |     | Humanity 1                                       |  | 3          |  |  |  |  |
|  | <b>Total</b> |     |  |  | <b>12</b>  |  |  |  |  |
| <b>Internship to be taken in summer semester after completion of 90 Cr.H with CGPA 2.0 or more</b> |              |     |  |  | <b>3</b>   |  |  |  |  |
| <b>Total Credit Hours</b>  |              |     |  |  | <b>123</b> |  |  |  |  |

**Bachelor of Business Administration in Operations and Supply Chain Management Program Requirements**

| Requirements                              | Compulsory Cr.H | Elective Cr.H | Total Cr.H |
|---|-----------------|---------------|------------|
| <b>University Requirement (UR)</b>        | 21              | 6             | 27         |
| <b>Faculty Requirements (Core) (CR.H)</b> | 60              | 6             | 66         |
| <b>Concentration (Major) (MJ)</b>         | 24              | 6             | 30         |
| <b>Total</b>                              | <b>105</b>      | <b>18</b>     | <b>123</b> |

**Bachelor of Business Administration in Operations and Supply Chain Management Core Requirements**

| Course Code | Course Title                               | Prerequisite   | Cr.H |
|-------------|--|--|------|
| ACT 112     | Principles of Accounting I                 | None   | 3    |
| ACT 212     | Principles of Accounting II                | ACT-112  | 3    |
| MGT 202     | Principles of Management                   | None   | 3    |
| ECO 222     | Principles of Macroeconomics               | None   | 3    |
| ECO 221     | Principles of Microeconomics               | None   | 3    |
| FIN 201     | Managerial Finance                         | ACT-112  | 3    |
| HRM 210     | Human Resource Management                  | MGT-202  | 3    |
| MGT 210     | Business Report Writing                    | LNG-172  | 3    |
| MGT 231     | Legal Environment of Business              | <b>MGT 202, LNG 172</b>  | 3    |
| MGT 311     | Business Research Methods                  | QBA-341  | 3    |
| MGT 320     | Organizational Behavior                    | HRM-210  | 3    |
| MGT 361     | Operations Management                      | QBA-341, MGT-202   | 3    |
| MGT 405     | Business Ethics & Social Responsibility    | Complete 90 Cr.H   | 3    |
| MGT 470     | Strategic Management                       | HRM-210, ECO-222, ECO-221, FIN-201, MKT-201, MGT-361, +90 Cr.H | 3    |
| MKT 201     | Principles of Marketing                    | LNG-171  | 3    |
| QBA 241     | Quantitative Business Analysis             | None   | 3    |
| QBA 341     | Quantitative Approaches to Decision Making | QBA-241  | 3    |
| SWS 351     | Management Information Systems             | GED-101E   | 3    |
| INB 360     | International Business                     | MGT-202  | 3    |
| ENT 241     | Entrepreneurship I                         | ENT-142  | 2    |
| ENT 242     | Entrepreneurship II                        | ENT-241  | 1    |

**Bachelor of Business Administration in Operations and Supply Chain Management Electives**

\*Students must complete 6 Cr.H (2 Courses)

| Course Code | Course Title                       | Prerequisite | Cr.H |
|-------------|------------------------------------|--------------|------|
| FIN 325     | Financial Markets and Institutions | ECO-222      | 3    |
| BUS 205     | Social & Digital Media             | None         | 3    |
| MGT 310     | Tourism Management                 | MGT-202      | 3    |
| SPT 112     | Introduction to Sport Management   | None         | 3    |

**Bachelor of Business Administration in Operations and Supply Chain Management Major Requirements**

| Course Code | Course Title            | Prerequisite     | Cr.H |
|-------------|-------------------------|------------------|------|
| SCM 310     | Supply Chain Management | QBA-341, MGT-361 | 3    |

|     |     |  |                          |   |
|-----|-----|--|--------------------------|---|
| SCM | 313 | Logistics and Transportation Management          | SCM-310                  | 3 |
| SCM | 314 | Global Supply Chain Management                   | MGT-361                  | 3 |
| SCM | 315 | Procurement and Supply Management                | SCM-310                  | 3 |
| BUS | 400 | Internship                                       | 90 Cr.H+ min CGPA of 2.0 | 3 |
| SCM | 401 | Supply Chain Information Technology              | SWS-351, SCM-310         | 3 |
| SCM | 404 | Supply Chain Risk Management                     | QBA-341, SCM-310         | 3 |
| SCM | 409 | Strategic Operations and Supply Chain Management | SCM-310, SCM-404         | 3 |

### Bachelor of Business Administration in Operations and Supply Chain Management Major Electives

\*Students must complete 6 Cr.H (2 Courses)

| Course Code | Course Title | Prerequisite                       | Cr.H             |
|-------------|--------------|------------------------------------|------------------|
| SCM         | 403          | Supply Chain Modeling & Simulation | SCM-310, MGT-361 |
| SCM         | 405          | Quality and Lean Management        | MGT-361          |
| SCM         | 406          | Sustainable Supply Chains          | SCM 310          |

## Bachelor of Business Administration in Sport Management

### Description:

The BBA in Sport Management program will be focusing on the business and management aspects of the sporting industry. This major will be aimed at providing students with fundamental knowledge and skills centered on accounting, finance, economics, management, operations and supply chain management as well as marketing and the law pertaining to sports organizations.

The specialization in sports management will equip students with a profound understanding of the issues and practices prevalent in sport management and prepare students for careers in the significant number of sport activities and renowned international competitions from horse and car races, to football, golf, competitions and exhibitions that are currently ongoing in the UAE.

**Credential:** Bachelor Degree Program

**Duration:** 4 Years (8 Semesters)

**Credit Hours:** 123 Credit Hours

**Start Dates:** Fall, Spring and Summer

### Benefits:

Speaking on the importance of sports His Highness Sheikh Mohammed Bin Rashid Al Maktoum, Vice President and Prime Minister of the United Arab Emirates and Ruler of Dubai, once said “a healthy body is the source of human happiness.” This is why Dubai has invested so heavily in its sporting industry.

Today Dubai is home to world-class facilities and venues hosting homegrown local, regional and international teams and events.

The sporting industry is a multi-million-dollar business in the UAE that promises continued growth as more and more world-class professional athletes participate in the elite sporting events held annually in Dubai and Abu Dhabi.

This growth creates a pressing need for well-prepared talents in various categories of sports management in order to satisfy industry demand. Graduates with a BBA in Sports Management will find themselves well suited to fill that demand and establish exciting careers in the sports industry.

### **Career Opportunities:**

Graduates from the program will find careers in a range of fields including:

- Sports marketing
- Sales
- Advertising
- Administration and sport management
- Logistics/operations management,
- Research
- Consulting and entrepreneurship
- Finance and accounting

### **Bachelor of Business Administration in Sport Management Study Plan**

| Semester          | Course Code  |      | Subject Title                                     | Prerequisite     | Cr. H     |
|-------------------|--------------|------|---|------------------|-----------|
| <b>Semester 1</b> | LNG          | 171  | English I   |                  | 3         |
|                   | MTH          | 196  | Mathematics for Business                          |                  | 3         |
|                   | GED          | 101E | Applications of Computer Software                 |                  | 3         |
|                   | MGT          | 202  | Principles of Management                          |                  | 3         |
|                   | ENT          | 141  | Fundamentals in Innovation and Entrepreneurship 1 | None             | 2         |
|                   | <b>Total</b> |      |   |                  | <b>14</b> |
| <b>Semester 2</b> | ACT          | 112  | Principles of Accounting I                        |                  | 3         |
|                   | ECO          | 221  | Principles of Microeconomics                      |                  | 3         |
|                   | LNG          | 172  | English II  | LNG-171          | 3         |
|                   | QBA          | 241  | Quantitative Business Analysis                    |                  | 3         |
|                   | GED          | 199E | UAE Society                                       | None             | 3         |
|                   | ENT          | 142  | Fundamentals in Innovation and Entrepreneurship 2 | ENT-141          | 1         |
|                   | <b>Total</b> |      |   |                  | <b>16</b> |
| <b>Semester 3</b> | ACT          | 212  | Principles of Accounting II                       | ACT-112          | 3         |
|                   | ECO          | 222  | Principles of Macroeconomics                      |                  | 3         |
|                   | MKT          | 201  | Principles of Marketing                           | LNG-171          | 3         |
|                   | QBA          | 341  | Quantitative Approaches to Decision Making        | QBA-241          | 3         |
|                   | ENT          | 241  | Entrepreneurship I                                | ENT-142          | 2         |
|                   | <b>Total</b> |      |   |                  | <b>14</b> |
| <b>Semester 4</b> | FIN          | 201  | Managerial Finance                                | ACT-112          | 3         |
|                   | MGT          | 210  | Business Report Writing                           | LNG-172          | 3         |
|                   | MGT          | 231  | Legal Environment of Business                     | MGT 202, LNG 172 | 3         |
|                   | SPT          | 112  | Introduction to Sport Management                  | None             | 3         |
|                   | GED          | 198E | Islamic Culture                                   |                  | 3         |
|                   | ENT          | 242  | Entrepreneurship II                               | ENT-241          | 1         |
|                   | <b>Total</b> |      |   |                  | <b>16</b> |
| <b>Semester 5</b> | MGT          | 311  | Business Research Methods                         | QBA-341          | 3         |
|                   | HRM          | 210  | Human Resource Management                         | MGT-202          | 3         |

|  |              |     |   |  |            |  |  |  |  |
|--|--------------|-----|---|--|------------|--|--|--|--|
|  | SPT          | 222 | Planning & Management of Sport Facilities | SPT-112  | 3          |  |  |  |  |
|  | SPT          | 312 | Sport Organizations                       | SPT-112  | 3          |  |  |  |  |
|  | INB          | 360 | International Business                    | MGT 202  | 3          |  |  |  |  |
|  |              |     | Science & Technology                      |  | 3          |  |  |  |  |
| <b>Total</b>   |              |     |   |  | <b>18</b>  |  |  |  |  |
| <b>Semester 6</b>  | SPT          | 331 | Leadership in Sport Organization          | None   | 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          |  |  |  |  |
|  | SPT          | 421 | Sport Event Management                    | None   | 3          |  |  |  |  |
|  | <b>Total</b> |     |   |  | <b>15</b>  |  |  |  |  |
| <b>Semester 7</b>  |              |     | Core elective (1)                         |  | 3          |  |  |  |  |
|  |              |     | Core elective (2)                         |  | 3          |  |  |  |  |
|  | SPT          | 441 | Sport Law                                 | None   | 3          |  |  |  |  |
|  |              |     | Major Elective (1)                        |  | 3          |  |  |  |  |
|  |              |     | Major Elective (2)                        |  | 3          |  |  |  |  |
|  | <b>Total</b> |     |   |  | <b>15</b>  |  |  |  |  |
| <b>Semester 8</b>  | MGT          | 470 | Strategic Management                      | HRM-210, ECO-221, 222, FIN-201, MKT-201, MGT-361, + 90 Cr.H. | 3          |  |  |  |  |
|  | MGT          | 405 | Business Ethics & Social Responsibility   | Complete 90 Cr.H   | 3          |  |  |  |  |
|  | SPT          | 422 | Sport & Media                             | None   | 3          |  |  |  |  |
|  |              |     | Humanity 1                                |  | 3          |  |  |  |  |
|  | <b>Total</b> |     |   |  | <b>12</b>  |  |  |  |  |
| <b>Internship to be taken in summer semester after completion of 90 Cr.H with CGPA 2.0 or more</b> |              |     |   |  | <b>3</b>   |  |  |  |  |
| <b>Total Credit Hours</b>  |              |     |   |  | <b>123</b> |  |  |  |  |

### Bachelor of Business Administration in Sport Management Program Requirements

| Requirements                              | Compulsory Cr.H | Elective Cr.H | Total Cr.H |
|---|-----------------|---------------|------------|
| <b>University Requirement (UR)</b>        | 21              | 6             | 27         |
| <b>Faculty Requirements (Core) (CR.H)</b> | 60              | 6             | 66         |
| <b>Concentration (Major) (MJ)</b>         | 24              | 6             | 30         |
| <b>Total</b>                              | <b>105</b>      | <b>18</b>     | <b>123</b> |

### Bachelor of Business Administration in Sport Management Core Requirements

| Course Code | Course Title                               | Prerequisite   | Cr.H |
|-------------|--|--|------|
| ACT 112     | Principles of Accounting I                 | None   | 3    |
| ACT 212     | Principles of Accounting II                | ACT-112  | 3    |
| MGT 202     | Principles of Management                   | None   | 3    |
| ECO 222     | Principles of Macroeconomics               | None   | 3    |
| ECO 221     | Principles of Microeconomics               | None   | 3    |
| FIN 201     | Managerial Finance                         | ACT-112  | 3    |
| HRM 210     | Human Resource Management                  | MGT-202  | 3    |
| MGT 210     | Business Report Writing                    | LNG-172  | 3    |
| MGT 231     | Legal Environment of Business              | <b>MGT 202, LNG 172</b>  | 3    |
| MGT 311     | Business Research Methods                  | QBA-341  | 3    |
| MGT 320     | Organizational Behavior                    | HRM-210  | 3    |
| MGT 361     | Operations Management                      | QBA-341, MGT-202   | 3    |
| MGT 405     | Business Ethics & Social Responsibility    | Complete 90 Cr.H   | 3    |
| MGT 470     | Strategic Management                       | HRM-210, ECO-222, ECO-221, FIN-201, MKT-201, MGT-361, +90 Cr.H | 3    |
| MKT 201     | Principles of Marketing                    | LNG-171  | 3    |
| QBA 241     | Quantitative Business Analysis             | None   | 3    |
| QBA 341     | Quantitative Approaches to Decision Making | QBA-241  | 3    |
| SWS 351     | Management Information Systems             | GED-101E   | 3    |
| INB 360     | International Business                     | MGT-202  | 3    |
| ENT 241     | Entrepreneurship I                         | ENT-142  | 2    |
| ENT 242     | Entrepreneurship II                        | ENT-241  | 1    |

### Bachelor of Business Administration in Sport Management Electives

\*Students must complete 6 Cr.H (2 Courses)

| Course Code | Course Title                       | Prerequisite | Cr.H |
|-------------|------------------------------------|--------------|------|
| FIN 325     | Financial Markets and Institutions | ECO-222      | 3    |
| BUS 205     | Social & Digital Media             | None         | 3    |
| MGT 310     | Tourism Management                 | MGT-202      | 3    |

### Bachelor of Business Administration in Sport Management Major Requirements

| Course Code | Course Title                              | Prerequisite          | Cr.H |
|-------------|---|-----------------------|------|
| SPT 112     | Introduction to Sport Management          | None                  | 3    |
| SPT 222     | Planning & Management of Sport Facilities | SPT-112               | 3    |
| SPT 331     | Leadership in Sport Organization          | None                  | 3    |
| SPT 312     | Sport Organizations                       | SPT-112               | 3    |
| SPT 421     | Sport Event Management                    | None                  | 3    |
| SPT 441     | Sport Law                                 | None                  | 3    |
| SPT 422     | Sport & Media                             | None                  | 3    |
| BUS 400     | Internship                                | 90 Cr.H+ Min CGPA 2.0 | 3    |

### Bachelor of Business Administration in Sport Management Major Electives

**\*Students must complete 6 Cr.H (2 Courses)**

| Course Code | Course Title            | Prerequisite | Cr.H |
|-------------|-------------------------|--------------|------|
| SPT 212     | Sport Nutrition         | None         | 3    |
| SPT 311     | Sport Governance/Agents | None         | 3    |
| SPT 321     | Sport Coaching          | None         | 3    |

## Masters Programs

- **Master of Business Administration**
  - **Human Resource Management**
  - **Finance**
  - **Marketing**
  - **General Management**
- **Master in Information Technology Management**

## MBA Program

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.

### Master of Business Administration Program Core Courses

| Course Code | Course Title                           | Prerequisite                   | Cr.H |
|-------------|--|--------------------------------|------|
| 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 | MBA-643                        | 3    |
| MBA 647     | Management of Information Systems      | None                           | 3    |
| MBA 651     | Organizational Behavior                | None                           | 3    |
| MBA 648     | Business Strategy (capstone)           | All other program Core Courses | 3    |

### Our MBA Concentrations

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.

## Master of Business Administration in General Management

Graduates will acquire the skills needed to strategically manage professionals in all fields of the public and private sectors.

### Master of Business Administration in General Management Study Plan

| Semester     | Course Code | Course Title                           | Prerequisite                   | Cr.H      |
|--------------|-------------|--|--------------------------------|-----------|
| 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 | MBA 643                        | 3         |
| <b>Total</b> |             |  |                                | <b>12</b> |
| 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         |
| <b>Total</b> |             |  |                                | <b>12</b> |
| Term 3       | MBA 648     | Business Strategy (Capstone)           | All other program core courses | 3         |
|              | MBA 653     | Organizational Development and Change  | MBA 651                        | 3         |
|              |             | Concentration Elective                 |                                | 3         |
|              |             | Concentration Elective                 |                                | 3         |
| <b>Total</b> |             |  |                                | <b>12</b> |
| <b>Total</b> |             |  |                                | <b>36</b> |

\*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.

### Master of Business Administration in General Management Program Structure

| Requirements                       | Compulsory Cr.H | Elective Cr.H | Total Cr.H |
|------------------------------------|-----------------|---------------|------------|
| Core Courses Credit Hours          | 27              | -             | 27         |
| Concentration Courses Credit Hours | 3               | 6             | 9          |
| <b>Total</b>                       | <b>30</b>       | <b>6</b>      | <b>36</b>  |

### Master of Business Administration in General Management Courses

| Course Code | Course Title                      | Prerequisite | Cr.H |
|-------------|-----------------------------------|--------------|------|
| MBA 653     | Organization Development & Change | MBA 651      | 3    |

### Master of Business Administration in General Management Concentration Electives (Select Two Courses)

| Course Code | Course Title  | Prerequisite | Cr.H |
|-------------|---|--------------|------|
| MBA 652     | Service Operations Management                       | MBA 646      | 3    |
| MBA 655     | Leadership and Motivation                           | MBA 651      | 3    |
| MBA 654     | International Business                              | None         | 3    |
| MBA 661     | Human Resource Management                           | MBA 651      | 3    |
| MBA 657     | Business Ethics and Corporate Social Responsibility | None         | 3    |

## Master of Business Administration in Human Resource Management

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.

### Master of Business Administration in Human Resource Management Study Plan

| Semester      | Course Code  |     | Course Title                           | Prerequisite | Cr.H                             |
|---------------|--------------|-----|--|--------------|----------------------------------|
| <b>Term 1</b> | 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 |              | MBA 643 3                        |
|               | <b>Total</b> |     |  |              | <b>12</b>                        |
| <b>Term 2</b> | MBA          | 644 | Managerial Economics                   |              | None 3                           |
|               | MBA          | 641 | Managerial Accounting                  |              | None 3                           |
|               | MBA          | 642 | Managerial Finance                     |              | None 3                           |
|               | MBA          | 651 | Organizational Behaviour               |              | None 3                           |
|               | <b>Total</b> |     |  |              | <b>12</b>                        |
| <b>Term 3</b> | MBA          | 648 | Business Strategy (Capstone)           |              | All other program core courses 3 |
|               | MBA          | 661 | Human Resource Management              |              | MBA 651 3                        |
|               |              |     | Concentration Elective                 |              | 3                                |
|               |              |     | Concentration Elective                 |              | 3                                |
|               | <b>Total</b> |     |  |              | <b>12</b>                        |
| <b>Total</b>  |              |     |  |              | <b>36</b>                        |

\*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.

### Master of Business Administration in Human Resource Management Program Structure

| Requirements                       | Compulsory Cr.H | Elective Cr.H | Total Cr.H |
|------------------------------------|-----------------|---------------|------------|
| Core Courses Credit Hours          | 27              | -             | 27         |
| Concentration Courses Credit Hours | 3               | 6             | 9          |
| <b>Total</b>                       | <b>30</b>       | <b>6</b>      | <b>36</b>  |

### Master of Business Administration in Human Resources Management Courses

| Course Code | Course Title              | Prerequisite | Cr.H |
|-------------|---------------------------|--------------|------|
| MBA 661     | Human Resource Management | MBA 651      | 3    |

### Master of Business Administration in Human Resources Management Concentration Electives (Select Two Courses)

| Course Code | Course Title  | Prerequisite | Cr.H |
|-------------|---|--------------|------|
| MBA 655     | Leadership and Motivation                           | MBA 651      | 3    |
| MBA 657     | Business Ethics and Corporate Social Responsibility | None         | 3    |
| MBA 664     | Strategic Staffing                                  | MBA 661      | 3    |
| MBA 668     | International Human Resource Management             | MBA 661      | 3    |
| MBA 663     | Human Resource Development                          | MBA 661      | 3    |

## Master of Business Administration in Finance

Graduates will be able to gain thorough knowledge and analytical skills related to the implementation of strategic financial management and planning.

### Master of Business Administration in Finance Study Plan

| Semester     | Course Code  |     | Course Title                               | Prerequisite                   | Cr.H      |
|--------------|--------------|-----|--|--------------------------------|-----------|
| 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         |
|              | <b>Total</b> |     |  |                                | <b>12</b> |
| Term 2       | MBA          | 646 | Operations and Supply Chain Management     | MBA 643                        | 3         |
|              | MBA          | 644 | Managerial Economics                       | None                           | 3         |
|              | MBA          | 641 | Managerial Accounting                      | None                           | 3         |
|              | MBA          | 642 | Managerial Finance                         | None                           | 3         |
|              | <b>Total</b> |     |  |                                | <b>12</b> |
| Term 3       | MBA          | 648 | Business Strategy (Capstone)               | All other program core courses | 3         |
|              | MBA          | 681 | Corporate Finance                          | MBA 642                        | 3         |
|              | MBA          | 683 | Investment Analysis & Portfolio Management | MBA 642                        | 3         |
|              | MBA          | XXX | Concentration Elective                     |                                | 3         |
|              | <b>Total</b> |     |  |                                | <b>12</b> |
| <b>Total</b> |              |     |  |                                | <b>36</b> |

\*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.

### Master of Business Administration in Finance Program Structure

| Requirements                       | Compulsory Cr.H | Elective Cr.H | Total Cr.H |
|------------------------------------|-----------------|---------------|------------|
| Core Courses Credit Hours          | 27              | -             | 27         |
| Concentration Courses Credit Hours | 6               | 3             | 9          |
| <b>Total</b>                       | <b>33</b>       | <b>3</b>      | <b>36</b>  |

### Master of Business Administration in Finance Courses

| Course Code | Course Title                               | Prerequisite | Cr.H |
|-------------|--|--------------|------|
| MBA 681     | Corporate Finance                          | MBA 642      | 3    |
| MBA 683     | Investment Analysis & Portfolio Management | MBA 642      | 3    |

### Master of Business Administration in Finance Concentration Electives (Select One Course)

| Course Code | Course Title  | Prerequisite     | Cr.H |
|-------------|---|------------------|------|
| MBA 671     | Al-Shari'ah, Economy & Society                      | MBA 644          | 3    |
| MBA 682     | Derivatives Securities                              | MBA 642          | 3    |
| MBA 684     | Mergers & Acquisitions                              | MBA 641, MBA 642 | 3    |
| MBA 685     | Financial Statement Analysis                        | MBA 642          | 3    |
| MBA 657     | Business Ethics and Corporate Social Responsibility | None             | 3    |

## Master of Business Administration in Marketing

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.

### Master of Business Administration in Marketing Study Plan

| Semester | Course Code |     | Course Title                      | Prerequisite                   | Cr.H |
|----------|-------------|-----|-----------------------------------|--------------------------------|------|
| 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 Management             | MBA-643                        | 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 | Marketing Elective                | MBA 645                        | 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.

### Master of Business Administration in Marketing Program Structure

| Requirements                       | Compulsory Cr.H | Elective Cr.H | Total Cr.H |
|------------------------------------|-----------------|---------------|------------|
| Core Courses Credit Hours          | 27              | -             | 27         |
| Concentration Courses Credit Hours | 6               | 3             | 9          |
| <b>Total</b>                       | <b>33</b>       | <b>3</b>      | <b>36</b>  |

### Master of Business Administration in Marketing Courses

| Course Code | Course Title            | Prerequisite | Cr.H |
|-------------|-------------------------|--------------|------|
| MBA 691     | Marketing Channels      | MBA 645      | 3    |
| MBA 692     | International Marketing | MBA 645      | 3    |

### Master of Business Administration in Finance Concentration Electives (Select One Course)

| Course Code | Course Title                                      | Prerequisite | Cr.H |
|-------------|---|--------------|------|
| MBA 693     | Business Marketing                                | MBA 645      | 3    |
| MBA 695     | Marketing Research                                | MBA 645      | 3    |
| MBA 694     | Innovation Management and New Product Development | MBA 645      | 3    |

## **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.

## **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.

### Master in Information Technology Management and Governance Program Core Courses

| Course # | Course Title  | Prerequisite                               | Cr. H. |
|----------|---|--|--------|
| 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. H. & CGPA of at least 3.00 | 6      |
| Total    |   |  | 27     |

NB: MBA 642, MBA 643, and MBA 657 are shared courses with MBA program

### Elective Courses of MITM

Students must complete either 3 courses in Data Analytics of Table 1.2.a or 3 courses in Digital Transformation of Table 1.2.b, depending on their interest and offerings which depend on the size of the cohort and Undergraduate background. The set of Elective courses of Table 1.2.b. will be offered only if the cohort includes a sufficient number of students holders of Bachelor degree in Computing or related.

**Table 1.2.a: Elective Courses in Data Analytics (9 Credit hours)**

| Course # | Course Title                | Prerequisite | Cr. H. |
|----------|-----------------------------|--------------|--------|
| MIT 621  | Data Sciences               | None         | 3      |
| MIT 622  | Data Analytics for Managers | MIT 621      | 3      |
| MIT 623  | Business Intelligence       | None         | 3      |
| Total    |                             |              | 9      |

**Table 1.2.b: Elective Courses in Digital Transformation (9 Credit hours)**

| Course # | Course Title           | Prerequisite | Cr. H. |
|----------|------------------------|--------------|--------|
| MIT 631  | Cloud Computing        | None         | 3      |
| MIT 632  | Edge and Fog Computing | MIT 631      | 3      |
| MIT 633  | Cybersecurity          | None         | 3      |
| Total    |                        |              | 9      |

Important: This set of elective courses requires a strong knowledge in coding.

## Master in Information Technology Management and Governance Study Plan

| Sem          | Code         | Course Title  | Prerequisite                               | Cr. H.    |
|--------------|--------------|---|--|-----------|
| 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-6XX      | Elective Course (1)                                 | None                                       | 3         |
| <b>Total</b> |              |   |  | <b>12</b> |
| Semester 2*  | MBA-642      | Managerial Finance                                  | None                                       | 3         |
|              | MIT-604      | Blockchain Technology                               | None                                       | 3         |
|              | MIT-606      | IT Governance and Management                        | None                                       | 3         |
|              | MIT-6XX      | Elective Course (2)                                 | xxx  | 3         |
| <b>Total</b> |              |   |  | <b>12</b> |
| Semester 3   | MIT-607      | Strategic IT Planning                               | None                                       | 3         |
|              | MIT-6XX      | Elective Course (3)                                 | None                                       | 3         |
|              | MIT-700      | Dissertation  | Complete 18 Cr. H. & CGPA of at least 3.00 | 6         |
|              | <b>Total</b> |   |  |           |
| <b>Total</b> |              |   |  | <b>36</b> |

## Master in Information Technology Management and Governance Program Structure

| Compulsory Courses Cr. H | Elective courses Cr. H | Dissertation Cr. H | Total CH |
|--------------------------|------------------------|--------------------|----------|
| 21                       | 9                      | 6                  | 36       |

## **Faculty of Engineering, Applied Science and Technology (FEAST)**

### **Welcome to the Faculty of Engineering, Applied Science and Technology**

From the vibrant city of Dubai, the Faculty of Engineering, Applied Science (FEAST) 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 Columbia Institute of Technology (BCIT)* in Vancouver, British Columbia. 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](mailto:DeanFEAST@cud.ac.ae) for more information.

### **Faculty of Engineering, Applied Science and Technology (FEAST)**

Canadian University Dubai

## **Undergraduate Programs**

### **Department of Computer Engineering and Computational Science**

- Bachelor of Computer and Networking Engineering Technology
- Bachelor of Science in Computer Science
- Bachelor of Science in Software Design
- Bachelor of Science in Cyber Security

### **Department of Electrical Engineering**

- Bachelor of Science in Electrical Engineering
  - Telecommunications
  - Electronics
  - Mechatronics

### **Department of Computer Engineering and Computational Science**

#### **Bachelor of Computer and Networking Engineering Technology (CNET)**

##### **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.

**Program Name:** Bachelor of Computer and Networking Engineering Technology (CNET)

**Credential:** Bachelor Degree Program

**Duration:** 4 Years (8 Semesters)

**Credit Hours:** 133 Credit hours, including 3 credit internships

Start Dates

##### **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.

### Bachelor of Computer and Networking Engineering Technology Study Plan

| Semester   | Course Code  | Course Title                                      | Pre/ Co Requisite                   | Cr.H       |
|--|--------------|---|-------------------------------------|------------|
| Semester 1   | LNG 181      | English I for Engineering & 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 in Innovation and Entrepreneurship 1 | None                                | 2          |
| <b>Total</b>   |              |   |                                     | <b>17</b>  |
| Semester 2   | MTH 120      | Discrete Mathematics                              | Pass Math Placement Test or MTH 012 | 3          |
|  | LNG 182      | English II for Engineering & 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 in Innovation and Entrepreneurship 2 | ENT-141                             | 1          |
| <b>Total</b>   |              |   |                                     | <b>16</b>  |
| 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 I                                | ENT-142                             | 2          |
| <b>Total</b>   |              |   |                                     | <b>17</b>  |
| 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 II                               | ENT-241                             | 1          |
| <b>Total</b>   |              |   |                                     | <b>16</b>  |
| 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          |
|  | <b>Total</b> |   |                                     |            |
| Semester 6   | BUS 310      | Project Management                                | Completion of 60 Cr. H              | 3          |
|  | NET 222      | Wireless Networks -                               | NET-221 or COM-412                  | 3          |
|  | SWS 405      | Applied Artificial Intelligence                   | BCS-206, BCS-205 or SWS-316,MTH-130 | 3          |
|  | GED 196      | Communication Skills in Arabic 1                  | None                                | 3          |
|  | NET 405      | Virtualization and Cloud Computing                | NET-320                             | 3          |
|  | <b>Total</b> |   |                                     |            |
| Semester 7   | BCS 401      | Ethics for Computing Professionals                | None                                | 3          |
|  | SWS 315      | Mobile Application Development                    | SWS-215                             | 3          |
|  | XXX          | Major elective 1                                  |                                     | 3          |
|  |              | Humanity Elective                                 |                                     | 3          |
|  | NET 440      | CNET Project-1                                    | Completed 100 Cr.H                  | 2          |
|  | NET 410      | Enterprise Network Design                         | NET-222                             | 3          |
| <b>Total</b>   |              |   |                                     | <b>17</b>  |
| 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          | Major elective 2                                  |                                     | 3          |
|  | GED 199      | UAE Society                                       | None                                | 3          |
| <b>Total</b>   |              |   |                                     | <b>17</b>  |
| <b>Internship to be taken summer semester after completion of 90 Cr.H + CGPA 2.0 or more</b> |              |   |                                     | <b>3</b>   |
| <b>Total Credit Hours</b>  |              |   |                                     | <b>133</b> |

## Bachelor of Computer and Networking Engineering Technology Program Requirements

| Requirements                               | Compulsory Cr. H | Elective Cr.H | Total Cr.H. |
|--|------------------|---------------|-------------|
| University Requirements                    | 21               | 3             | 24          |
| Faculty Requirements                       | 21               | 0             | 21          |
| Department Requirements (Shared with C.S.) | 9                | 0             | 9           |
| Major/Specific Requirements                | 73               | 6             | 79          |
| <b>Total</b>                               | <b>124</b>       | <b>9</b>      | <b>133</b>  |

### a) University Requirements

General Education courses University Requirements represent 24 credits out of which 21 credits are for Compulsory Courses. Every student is required to take the mandatory credit hours that cover English Language, Fundamentals in Innovation and Entrepreneurship 1&2, Entrepreneurship 1 & 2, Islamic Culture, UAE Society and Communication Skills in Arabic (1) in addition to one course in Humanities. These courses are shown in Table given below.

**Panel A: List of the 7 Compulsory GED courses (21 credit hours)**

| Course Code | Course Title                                      | Pre-requisite | Cr.H |
|-------------|---|---------------|------|
| ENT 141     | Fundamentals in Innovation and Entrepreneurship 1 | None          | 2    |
| ENT 142     | Fundamentals in Innovation and Entrepreneurship 2 | ENT-141       | 1    |
| ENT 241     | Entrepreneurship I                                | ENT-142       | 2    |
| ENT 242     | Entrepreneurship II                               | ENT-241       | 1    |
| GED 196     | Communication Skills in Arabic (1)                | None          | 3    |
| GED 198     | Islamic Culture                                   | None          | 3    |
| GED 199     | UAE Society                                       | None          | 3    |
| LNG 181     | English I for Engineering & Computing             | None          | 3    |
| LNG 182     | English II for Engineering & Computing            | LNG-181       | 3    |

### b) Panel B: Humanities courses.

Every student should complete one course (3 credit hours) from the following pool:

| Course Code | Course Title                         | Pre-requisite      | Cr.H |
|-------------|--------------------------------------|--------------------|------|
| 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    |

### c) Faculty requirements courses (21 credits):

All students who will enroll in the Bachelor of CNET program must complete 7 compulsory courses (21 credit hours), listed in panel C:

### **Panel C: List of the 7 compulsory Faculty requirement courses (21 credit hours)**

| Course Code  | Course Title                   | Prerequisite                        | Cr.H      |
|--------------|--------------------------------|-------------------------------------|-----------|
| BUS 310      | Project Management             | Completion of 60 Credit Hrs.        | 3         |
| 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         |
| SCI 210      | Modern Physics                 | MTH-112                             | 3         |
| SWS 110      | Programming I                  | None                                | 3         |
| SWS 316      | Programming II                 | SWS-110                             | 3         |
| <b>Total</b> |                                |                                     | <b>21</b> |

**d) Department requirement courses (9 credits):**

All students who will enroll in the Bachelor of CNET program must complete 3 compulsory courses (9 credit hours), listed in Panel D.

**Panel D: List of the 3 compulsory Department requirement courses (9 credit hours)**

| Course Code  | Course Title                       | Prerequisite                        | Cr.H     |
|--------------|------------------------------------|-------------------------------------|----------|
| BCS 306      | Database Management Systems        | BCS-201, BCS-202 or SWS-316         | 3        |
| BCS 401      | Ethics for Computing Professionals | None                                | 3        |
| MTH 120      | Discrete Mathematics               | Pass Math Placement Test or MTH 012 | 3        |
| <b>Total</b> |                                    |                                     | <b>9</b> |

**e) Major/Elective courses for Bachelor of CNET program**

All students who will enroll in the Bachelor of CNET must complete the 25 compulsory specialized courses (73 credit hours), listed in Panel E. They also must complete 2 elective major courses (6 credit hours) from the pool of the 4 elective courses listed in Panel F.

**Panel E: List of Compulsory major/specific courses for Bachelor of CNET (73 Credit hours)**

| Course Code | Course Title                         | Prerequisite        | Cr.H |
|-------------|--------------------------------------|---------------------|------|
| EBU 200     | e-Business Fundamentals              | None                | 3    |
| ENG 420     | Internship                           | 90 Cr.H. + CGPA 2.0 | 3    |
| MKT 201     | Principles of Marketing              | LNG-171 or LNG-181  | 3    |
| NET 100     | Fundamental of Digital Systems       | None                | 3    |
| NET 120     | LAN Switching and Routing            | NET-100             | 3    |
| NET 111     | Operating Systems Fundamentals       | ENG-210 or NET-105  | 3    |
| NET 220     | Network Security and Administration  | NET-120             | 3    |
| NET 105     | Microprocessors and Microcontrollers | NET-100             | 3    |
| NET 121     | Network Operating Systems            | NET-111             | 3    |
| NET 214     | Network Programming                  | NET-120, SWS-316    | 3    |
| NET 221     | Communication Technology             | NET-120             | 3    |
| NET 222     | Wireless Networks                    | NET-221 or COM-412  | 3    |
| NET 310     | Network Management                   | NET-222             | 3    |
| NET 320     | Advanced LAN Switching and Routing   | NET-120             | 3    |
| NET 405     | Virtualization and Cloud Computing   | NET-320             | 3    |
| NET 406     | Cloud Architecture                   | NET-405             | 3    |
| NET 410     | Enterprise Network Design            | NET-222             | 3    |

| Course Code  |     | Course Title                     | Prerequisite                         | Cr.H      |
|--------------|-----|----------------------------------|--------------------------------------|-----------|
| NET          | 420 | Advanced Network Troubleshooting | NET-222                              | 3         |
| NET          | 440 | CNET Project-1                   | Completed 100 Cr.H                   | 2         |
| NET          | 441 | CNET Project-2                   | NET-440                              | 2         |
| SWS          | 211 | System Analysis and Design       | SWS-316                              | 3         |
| SWS          | 215 | Web Development                  | BCS-306                              | 3         |
| SWS          | 315 | Mobile Application Development   | SWS-215                              | 3         |
| SWS          | 351 | Management Information Systems   | GED-101 or SWS-110                   | 3         |
| SWS          | 405 | Applied Artificial Intelligence  | BCS-206, BCS-205 or SWS-316, MTH-130 | 3         |
| <b>Total</b> |     |                                  |                                      | <b>73</b> |

#### **Panel F: List of Major/specific Elective courses for Bachelor of CNET (6 Credit hours)**

| Course code |     | Course Title                          | Prerequisite | Cr.H |
|-------------|-----|---------------------------------------|--------------|------|
| 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    |

### **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.

**Program Name:** Bachelor of Science in Software Design

**Credential:** Bachelor of Science Degree Program

**Duration:** 4 Years (8 Semesters)

**Credit Hours:** 125 Credit Hours

**Start Dates:** Fall, Spring, and Summer

#### **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

**B.Sc. in Software Design Study Plan**

| Sem.       | Course Code |     | Subject Title                                     | Pre-co-requisite                    | C.H.       |
|------------|-------------|-----|---|-------------------------------------|------------|
| Semester 1 | LNG         | 181 | English I for Engineering & Computing             | None                                | 3          |
|            |             |     | 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 in Innovation and Entrepreneurship 1 | None                                | 2          |
|            |             |     |   |                                     | <b>14</b>  |
| Semester 2 | MTH         | 120 | Discrete Mathematics                              | None                                | 3          |
|            | LNG         | 182 | English II for Engineering & Computing            | LNG-181                             | 3          |
|            | BCS         | 102 | Introduction to Computing Science I               | BCS-101                             | 3          |
|            | MTH         | 113 | Calculus II                                       | MTH-112                             | 3          |
|            | ENT         | 142 | Fundamentals in Innovation and Entrepreneurship 2 | ENT-141                             | 1          |
|            |             |     |   |                                     | <b>13</b>  |
| Semester 3 | MTH         | 114 | Linear Algebra                                    | MTH-112                             | 3          |
|            | MTH         | 130 | Probability and Statistics                        | MTH-112                             | 3          |
|            | MTH         | 203 | Discrete Mathematics for Computing Science        | MTH-120, BCS-102                    | 3          |
|            | BCS         | 201 | Logic for Computing Science                       | MTH-120                             | 3          |
|            | BCS         | 202 | Introduction to Computing Science II              | BCS-102                             | 3          |
|            | ENT         | 241 | Entrepreneurship I                                | ENT-142                             | 2          |
|            |             |     |   |                                     | <b>17</b>  |
| Semester 4 | ENG         | 210 | Computer Architecture                             | BCS-202 or ENG-101                  | 4          |
|            | BCS         | 203 | Software Specifications                           | BCS-202, BCS-201                    | 3          |
|            | BCS         | 204 | System-Level Programming                          | BCS-102                             | 3          |
|            | BCS         | 205 | Programming Paradigms                             | BCS-202, BCS-201                    | 3          |
|            | BCS         | 206 | Information Structures                            | BCS-202, MTH-203                    | 3          |
|            | ENT         | 242 | Entrepreneurship II                               | ENT-241                             | 1          |
|            |             |     |   |                                     | <b>17</b>  |
| Semester 5 | BCS         | 301 | Operating Systems                                 | ENG-210, BCS-206                    | 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          |
|            |             |     |   |                                     | <b>16</b>  |
| Semester 6 | BCS         | 305 | Software Architecture                             | BCS-206, BCS-203                    | 3          |
|            | BCS         | 306 | Database Management Systems                       | BCS-202, BCS-201                    | 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          |
|            |             |     |   |                                     | <b>15</b>  |
| Semester 7 | BSD         | 410 | Software Design Project                           | Completed 90 Cr.H                   | 6          |
|            | BSD         | 402 | Formal Methods                                    | BCS-304                             | 3          |
|            | BSD         | 403 | Software Requirements                             | BCS-304                             | 3          |
|            | BCS         | 401 | Ethics for Computing Professionals                | None                                | 3          |
|            | GED         | 196 | Communication Skills in Arabic 1                  | None                                | 3          |
|            |             |     |   |                                     | <b>18</b>  |
| Semester 8 | BSD         | 410 | Software Design Project (Cont.)                   | Completed 90 Cr.H                   | --         |
|            | BSD         | 404 | Algorithms II                                     | BCS-203, BCS-309                    | 3          |
|            |             |     | Major Elective 1                                  |                                     | 3          |
|            |             |     | Major Elective 2                                  |                                     | 3          |
|            | GED         | 199 | UAE Society                                       | None                                | 3          |
|            |             |     | Humanity Elective 2                               |                                     | 3          |
|            |             |     |   |                                     | <b>15</b>  |
|            |             |     |   |                                     | <b>125</b> |

## B.Sc. in Software Design Program Structure

| Requirements                | Compulsory Cr. H | Elective Cr. H | Total Cr. H |
|-----------------------------|------------------|----------------|-------------|
| University Requirement (UR) | <b>21</b>        | <b>6</b>       | <b>27</b>   |
| Program Core (CR)           | <b>61</b>        | -              | <b>61</b>   |
| Program Major (MJ)          | <b>31</b>        | <b>6</b>       | <b>37</b>   |
| <b>Total</b>                | <b>113</b>       | <b>12</b>      | <b>125</b>  |

### University Requirements:

University Requirements are 27 credits out of which 21 credits Compulsory Courses. Every student is required to take the mandatory credit hours that cover Islamic culture, English communication skills, and Innovation. These requirements are:

| Course #  | Course Title | Pre-requisite                                     | Cr.H               |
|---|--------------|---|--------------------|
| <b>1) Languages, Islamic Culture, UAE studies, Arabic and Innovation (21 Cr.H.)</b>                         |              |   |                    |
| LNG   | 181          | English I for Engineering & Computing             | None               |
| LNG   | 182          | English II for Engineering & Computing            | LNG-181            |
| GED   | 198          | Islamic Culture                                   | None               |
| GED   | 196          | Communication Skills in Arabic 1                  | None               |
| GED   | 199E         | UAE Society                                       | None               |
| ENT   | 141          | Fundamentals in Innovation and Entrepreneurship 1 | None               |
| ENT   | 142          | Fundamentals in Innovation and Entrepreneurship 2 | ENT-141            |
| ENT   | 241          | Entrepreneurship I                                | ENT-142            |
| ENT   | 242          | Entrepreneurship II                               | ENT-241            |
| <b>2) Humanities:</b> Students should select <b>two courses</b> from the following pool: <b>(6 credits)</b> |              |   |                    |
| GED   | 110E         | Modern Art Appreciation                           | None               |
| GED   | 111          | Music Appreciation and Communication              | None               |
| GED   | 112          | Using Positive Psychology at Work                 | LNG-172 or LNG-182 |
| GED   | 252E         | Critical Thinking                                 | LNG-172 or LNG-182 |
| GED   | 205E         | Psychology in Every Day Life                      | LNG-172 or LNG-182 |
| GED   | 272E         | Fundamentals of Public Speaking                   | LNG-172 or LNG-182 |
| GED   | 324E         | Ethical Reasoning for Today's World               | LNG 172 or LNG 182 |

### Core Requirements (61 Cr.H.)

All students who are enrolled in the B.Sc. in Software Design program, independently of their major, must complete the following 61 credit hours (20 courses)

| #  | Code | Course Title                                   | Pre-requisite                       | Cr.H |
|----|------|--|-------------------------------------|------|
| 1  | BCS  | 101 Elements of Computing                      | None                                | 3    |
| 2  | BCS  | 102 Introduction to Computing Science I        | BCS-101                             | 3    |
| 3  | MTH  | 112 Calculus I                                 | Pass Math Placement test or MTH-012 | 3    |
| 4  | MTH  | 113 Calculus II                                | MTH-112                             | 3    |
| 5  | MTH  | 114 Linear Algebra                             | MTH-112                             | 3    |
| 6  | MTH  | 130 Probability and Statistics                 | MTH-112                             | 3    |
| 7  | MTH  | 120 Discrete Mathematics                       | None                                | 3    |
| 8  | MTH  | 203 Discrete Mathematics for Computing Science | MTH-120, BCS-102                    | 3    |
| 9  | BCS  | 201 Logic for Computing Science                | MTH-120                             | 3    |
| 10 | BCS  | 202 Introduction to Computing Science II       | BCS-102                             | 3    |
| 11 | BCS  | 203 Software Specifications                    | BCS-202, BCS-201                    | 3    |
| 12 | BCS  | 204 System-Level Programming                   | BCS-102                             | 3    |
| 13 | BCS  | 205 Programming Paradigms                      | BCS-202, BCS-201                    | 3    |

| #            | Code |     | Course Title                       | Pre-requisite      | Cr.H      |
|--------------|------|-----|------------------------------------|--------------------|-----------|
| 14           | ENG  | 210 | Computer Architecture              | BCS-202 or ENG 101 | 4         |
| 15           | BCS  | 206 | Information Structures             | BCS-202, MTH-203   | 3         |
| 16           | BCS  | 302 | Scientific Computing               | BCS-102, MTH-114   | 3         |
| 17           | BCS  | 305 | Software Architecture              | BCS-203, BCS-206   | 3         |
| 18           | BCS  | 306 | Database Management Systems        | BCS-202, BCS-201   | 3         |
| 19           | BCS  | 309 | Algorithms I                       | BCS-201, BCS-206   | 3         |
| 20           | BCS  | 401 | Ethics for Computing Professionals | None               | 3         |
| <b>Total</b> |      |     |                                    |                    | <b>61</b> |

### B.Sc. in Software Design Major Requirements (37 credit hours)

The 36 credit hours are covered by the completion of 9 compulsory courses totaling 31 credit hours and 2 elective courses (6 credits hours) to be selected from 6 elective courses. The list of the courses is given below:

#### Compulsory Courses (31 credit hours)

Each student enrolled in the B.Sc. in Software Design is required to successfully complete the following:

#### List of the 9 Compulsory Courses (31 Cr.H.)

| #            | Code |     | Course Title                   | Pre-requisite      | Cr.H      |
|--------------|------|-----|--------------------------------|--------------------|-----------|
| 1            | BSD  | 310 | Game Design                    | BCS-202, BCS-206   | 3         |
| 2            | BCS  | 301 | Operating Systems              | ENG-210, BCS -206  | 4         |
| 4            | BSD  | 311 | Human Computer Interaction     | BCS-206            | 3         |
| 3            | BSD  | 312 | Software Quality               | BCS-204            | 3         |
| 7            | BSD  | 313 | Advanced User Interface Design | BSD-311            | 3         |
| 5            | BSD  | 402 | Formal Methods                 | BCS-304            | 3         |
| 6            | BSD  | 403 | Software Requirements          | BCS-304            | 3         |
| 8            | BSD  | 404 | Algorithms II                  | BCS -203, BCS -309 | 3         |
| 9            | BSD  | 410 | Software Design Project        | Completed 90 Cr.H  | 6         |
| <b>Total</b> |      |     |                                |                    | <b>31</b> |

#### Elective Courses (6 credit hours)

Each student is required to successfully complete two of the following courses

| #            | Code |     | Course Title                 | Pre-requisite                       | Cr.H     |
|--------------|------|-----|------------------------------|-------------------------------------|----------|
| 1            | BCS  | 304 | Data Mining                  | MTH-114, MTH-130, MTH-203, BCS -202 | 3        |
| 2            | BCS  | 403 | Advanced Database Systems    | BCS-206, BCS-306                    | 3        |
| 4            | BCS  | 400 | Network Operating Systems    | BCS-301                             | 3        |
| 5            | BCS  | 402 | Computability and Complexity | BCS-203, BCS -309                   | 3        |
| 6            | BCS  | 406 | Computer Graphics            | BCS-206, MTH-114                    | 3        |
| <b>Total</b> |      |     |                              |                                     | <b>6</b> |

## **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.

**Program Name:** Bachelor of Science in Computer Science

**Credential:** Bachelor of Science Degree Program

**Duration:** 4 Years (8 Semesters)

**Credit Hours:** 124 Credit Hours

**Start Dates:** Fall, Spring, and Summer

### **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

## B.Sc.in Computer Science Study Plan

| Sem.       | Course Code | Subject Title                                     | Pre-co-requisite                    | C.H.       |
|------------|-------------|---|-------------------------------------|------------|
| Semester 1 | LNG 181     | English I for Engineering & Computing             | None                                | 3          |
|            |             | 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 in Innovation and Entrepreneurship 1 | None                                | 2          |
|            |             |   |                                     | <b>14</b>  |
| Semester 2 | MTH 120     | Discrete Mathematics                              | None                                | 3          |
|            | LNG 182     | English II for Engineering & Computing            | LNG-181                             | 3          |
|            | BCS 102     | Introduction to Computing Science I               | BCS-101                             | 3          |
|            | MTH 113     | Calculus II                                       | MTH-112                             | 3          |
|            | ENT 142     | Fundamentals in Innovation and Entrepreneurship 2 | ENT-141                             | 1          |
|            |             |   |                                     | <b>13</b>  |
| Semester 3 | MTH 114     | Linear Algebra                                    | MTH-112                             | 3          |
|            | MTH 130     | Probability and Statistics                        | MTH-112                             | 3          |
|            | MTH 203     | Discrete Mathematics for Computing Science        | MTH-120, BCS-102                    | 3          |
|            | BCS 201     | Logic for Computing Science                       | MTH-120                             | 3          |
|            | BCS 202     | Introduction to Computing Science II              | BCS-102                             | 3          |
|            |             |   |                                     | <b>17</b>  |
| Semester 4 | ENG 210     | Computer Architecture                             | BCS-202 or ENG-101                  | 4          |
|            | BCS 203     | Software Specifications                           | BCS-202, BCS-201                    | 3          |
|            | BCS 204     | System-Level Programming                          | BCS-102                             | 3          |
|            | BCS 205     | Programming Paradigms                             | BCS-202, BCS-201                    | 3          |
|            | BCS 206     | Information Structures                            | BCS-202, MTH-203                    | 3          |
|            |             |   |                                     | <b>1</b>   |
|            |             |   |                                     | <b>17</b>  |
| Semester 5 | BCS 301     | Operating Systems                                 | ENG-210, BCS-206                    | 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                                       | MTH-114, MTH-130, MTH-203, BCS-202  | 3          |
|            |             |   |                                     | <b>17</b>  |
| Semester 6 | BCS 305     | Software Architecture                             | BCS-206, BCS-203                    | 3          |
|            | BCS 306     | Database Management Systems                       | BCS-202, BCS-201                    | 3          |
|            | BCS 307     | Digital Systems                                   | ENG-210                             | 4          |
|            | BCS 308     | Communication Networks                            | BCS-301                             | 3          |
|            | BCS 309     | Algorithms I                                      | BCS-201, BCS-206                    | 3          |
|            |             |   |                                     | <b>16</b>  |
| Semester 7 | BCS 410     | Computer Science Project                          | Completed 90 Cr.H                   | 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          |
|            |             | Humanity Elective 2                               |                                     | 3          |
|            |             |   |                                     | <b>18</b>  |
| Semester 8 | BCS 410     | Computer Science Project (Cont)                   | Completed 90 Cr.H                   | --         |
|            | BCS 403     | Advanced Database Systems                         | BCS-206, BCS-306                    | 3          |
|            |             | Major Elective 1                                  |                                     | 3          |
|            |             | Major Elective 2                                  |                                     | 3          |
|            | GED 199     | UAE Society                                       | None                                | 3          |
|            |             |   |                                     | <b>12</b>  |
|            |             |   |                                     | <b>124</b> |

## B. Sc. in Computer Science Program Structure

| Requirements                | Compulsory<br>Cr. H | Elective<br>Cr. H | Total<br>Cr. H |
|-----------------------------|---------------------|-------------------|----------------|
| University Requirement (UR) | 21                  | 6                 | 27             |
| Program Core (CR)           | 61                  | -                 | 61             |
| Program Major (MJ)          | 30                  | 6                 | 37             |
| Total                       | 112                 | 12                | 124            |

### University Requirements:

University Requirements are 27 credits out of which 21 credits Compulsory Courses. Every student is required to take the mandatory credit hours that cover Islamic culture, English communication skills, and Innovation. These requirements are:

| Course #   | Course Title | Pre-requisite                                     | Cr.H |
|--|--------------|---|------|
| <b>1) Languages, Islamic Culture, UAE studies, Arabic and Innovation (21 Cr.H.)</b>          |              |   |      |
| LNG  | 181          | English I for Engineering & Computing             | 3    |
| LNG  | 182          | English II for Engineering & Computing            | 3    |
| GED  | 198          | Islamic Culture                                   | 3    |
| GED  | 196          | Communication Skills in Arabic 1                  | 3    |
| GED  | 199E         | UAE Society                                       | 3    |
| ENT  | 141          | Fundamentals in Innovation and Entrepreneurship 1 | 2    |
| ENT  | 142          | Fundamentals in Innovation and Entrepreneurship 2 | 1    |
| ENT  | 241          | Entrepreneurship I                                | 2    |
| ENT  | 242          | Entrepreneurship II                               | 1    |
| <b>2) Humanities: Students should select two courses from the following pool:(6 credits)</b> |              |   |      |
| GED  | 110E         | Modern Art Appreciation                           | 3    |
| GED  | 111          | Music Appreciation and Communication              | 3    |
| GED  | 112          | Using Positive Psychology at Work                 | 3    |
| GED  | 252E         | Critical Thinking                                 | 3    |
| GED  | 205E         | Psychology in Every Day Life                      | 3    |
| GED  | 272E         | Fundamentals of Public Speaking                   | 3    |
| GED  | 324E         | Ethical Reasoning for Today's World               | 3    |

## Core Requirements (61 Cr.H.)

All students who are enrolled in the B.Sc. in Computer Science program, independently of their major, must complete the following 61 credit hours (20 courses).

| #            | Code |     | Course Title                               | Pre-requisite                       | Cr.H      |
|--------------|------|-----|--|-------------------------------------|-----------|
| 1            | BCS  | 101 | Elements of Computing                      | None                                | 3         |
| 2            | BCS  | 102 | Introduction to Computing Science I        | BCS-101                             | 3         |
| 3            | MTH  | 112 | Calculus I                                 | Pass Math Placement test or MTH-012 | 3         |
| 4            | MTH  | 113 | Calculus II                                | MTH-112                             | 3         |
| 5            | MTH  | 114 | Linear Algebra                             | MTH-112                             | 3         |
| 6            | MTH  | 130 | Probability and Statistics                 | MTH-112                             | 3         |
| 7            | MTH  | 120 | Discrete Mathematics                       | None                                | 3         |
| 8            | MTH  | 203 | Discrete Mathematics for Computing Science | MTH-120, BCS-102                    | 3         |
| 9            | BCS  | 201 | Logic for Computing Science                | MTH-120                             | 3         |
| 10           | BCS  | 202 | Introduction to Computing Science II       | BCS-102                             | 3         |
| 11           | BCS  | 203 | Software Specifications                    | BCS-202, BCS-201                    | 3         |
| 12           | BCS  | 204 | System-Level Programming                   | BCS-102                             | 3         |
| 13           | BCS  | 205 | Programming Paradigms                      | BCS-202, BCS-201                    | 3         |
| 14           | ENG  | 210 | Computer Architecture                      | BCS-202 or ENG 101                  | 4         |
| 15           | BCS  | 206 | Information Structures                     | BCS-202, MTH-203                    | 3         |
| 16           | BCS  | 302 | Scientific Computing                       | BCS-102, MTH-114                    | 3         |
| 17           | BCS  | 305 | Software Architecture                      | BCS-203, BCS-206                    | 3         |
| 18           | BCS  | 306 | Database Management Systems                | BCS-202, BCS-201                    | 3         |
| 19           | BCS  | 309 | Algorithms I                               | BCS-201, BCS-206                    | 3         |
| 20           | BCS  | 401 | Ethics for Computing Professionals         | None                                | 3         |
| <b>Total</b> |      |     |  |                                     | <b>61</b> |

## **Computer Science Major Requirements (36 credit hours)**

The 36 credit hours are covered by the completion of 8 compulsory courses totaling 30 credit hours and 2 elective courses (6 credits hours) to be selected from 6 elective courses. The list of the courses is given below:

### **Compulsory Courses (30 credit hours)**

Each student enrolled in the Computer Science is required to successfully complete the following:

#### **List of the 8 Compulsory Courses (30 Cr.H.)**

| #            | Code    |  | Course Title                      | Pre-requisite                         | Cr.H      |
|--------------|---------|--|-----------------------------------|---------------------------------------|-----------|
| 1            | BCS 402 |  | Computability and Complexity      | BCS-203, BCS-309                      | 3         |
| 2            | BCS 308 |  | Communication Networks            | BCS-301                               | 3         |
| 3            | BCS 304 |  | Data Mining                       | MTH-114, MTH-130,<br>MTH-203, BCS-202 | 3         |
| 4            | BCS 403 |  | Advanced Database Systems         | BCS-206, BCS-306                      | 3         |
| 5            | BCS 301 |  | Operating Systems                 | ENG-210, BCS-206                      | 4         |
| 6            | BCS 307 |  | Digital Systems                   | ENG-210                               | 4         |
| 7            | BCS 303 |  | Security Principles and Practices | BCS-206                               | 4         |
| 8            | BCS 410 |  | Computer Science Project          | Completed 90 Cr.H                     | 6         |
| <b>Total</b> |         |  |                                   |                                       | <b>30</b> |

### **Elective Courses (6 credit hours)**

Each student is required to successfully complete two courses among the following courses

| #            | Code    |  | Course Title               | Pre-requisite    | Cr.H     |
|--------------|---------|--|----------------------------|------------------|----------|
| 1            | BSD 311 |  | Human Computer Interaction | BCS-206          | 3        |
| 3            | BCS 405 |  | Artificial Intelligence    | BCS-206, BCS-205 | 3        |
| 4            | BCS 406 |  | Computer Graphics          | BCS-206, MTH-114 | 3        |
| 6            | BSD 404 |  | Algorithms II              | BCS-203, BCS-309 | 3        |
| 7            | BCS 400 |  | Network Operating Systems  | BCS-301          | 3        |
| <b>Total</b> |         |  |                            |                  | <b>6</b> |

## **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.

**Program Name:** Bachelor of Science in Cyber Security

**Credential:** Bachelor of Science Degree Program

**Duration:** 4 Years (8 Semesters)

**Credit Hours:** 124 Credit Hours

**Start Dates:** Fall, Spring, and Summer

### **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 country's 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 are a 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.

## Cyber Security Computing Study Plan

| Sem.              | Course Code |     | Subject Title                                     | Pre-co-requisite                        | C.H.       |
|-------------------|-------------|-----|---|---|------------|
| <b>Semester 1</b> | LNG         | 181 | English I for Engineering & Computing             | None                                    | 3          |
|                   |             |     | 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 in Innovation and Entrepreneurship 1 | None                                    | 2          |
|                   |             |     |   |   | <b>14</b>  |
| <b>Semester 2</b> | MTH         | 120 | Discrete Mathematics                              | None                                    | 3          |
|                   | LNG         | 182 | English II for Engineering & Computing            | LNG-181                                 | 3          |
|                   | BCS         | 102 | Introduction to Computing Science I               | BCS-101                                 | 3          |
|                   | MTH         | 113 | Calculus II                                       | MTH-112                                 | 3          |
|                   | ENT         | 142 | Fundamentals in Innovation and Entrepreneurship 2 | ENT-141                                 | 1          |
|                   |             |     |   |   | <b>13</b>  |
| <b>Semester 3</b> | MTH         | 114 | Linear Algebra                                    | MTH-112                                 | 3          |
|                   | MTH         | 130 | Probability and Statistics                        | MTH-112                                 | 3          |
|                   | MTH         | 203 | Discrete Mathematics for Computing Science        | MTH-120, BCS-102                        | 3          |
|                   | BCS         | 201 | Logic for Computing Science                       | MTH-120                                 | 3          |
|                   | BCS         | 202 | Introduction to Computing Science II              | BCS-102                                 | 3          |
|                   | ENT         | 241 | Entrepreneurship I                                | ENT-142                                 | 2          |
|                   |             |     |   |   | <b>17</b>  |
| <b>Semester 4</b> | ENG         | 210 | Computer Architecture                             | BCS-202 or ENG-101                      | 4          |
|                   | BCS         | 203 | Software Specifications                           | BCS-202, BCS-201                        | 3          |
|                   | BCS         | 204 | System-Level Programming                          | BCS-102                                 | 3          |
|                   | BCS         | 205 | Programming Paradigms                             | BCS-202, BCS-201                        | 3          |
|                   | BCS         | 206 | Information Structures                            | BCS-202, MTH-203                        | 3          |
|                   | ENT         | 242 | Entrepreneurship II                               | ENT-241                                 | 1          |
|                   |             |     |   |   | <b>17</b>  |
| <b>Semester 5</b> | BCS         | 301 | Operating Systems                                 | ENG-210, BCS-206                        | 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-206, BCS-203                        | 3          |
|                   |             |     |   |   | <b>17</b>  |
| <b>Semester 6</b> | CYS         | 311 | Security Threats and Risk Analysis                | BCS-303                                 | 3          |
|                   | BCS         | 306 | Database Management Systems                       | BCS-202, BCS-201                        | 3          |
|                   | BCS         | 309 | Algorithms I                                      | BCS-201, BCS-206                        | 3          |
|                   | CYS         | 312 | Cryptographic Algorithms and Protocols            | BCS-303, BCS-204, BCS-203, BCS 309 (co) | 3          |
|                   | BCS         | 308 | Communication Networks                            | BCS-301                                 | 3          |
|                   | GED         | 196 | Communication Skills in Arabic 1                  | None                                    | 3          |
|                   |             |     |   |   | <b>18</b>  |
| <b>Semester 7</b> | BCS         | 410 | Computer Science Project                          | Completed 90 Cr.H                       | 6          |
|                   | BCS         | 401 | Ethics for Computing Professionals                | None                                    | 3          |
|                   | CYS         | 411 | Engineering Secure Software                       | CYS-312                                 | 3          |
|                   |             |     | Humanity Elective 2                               |   | 3          |
|                   |             |     |   |   | <b>15</b>  |
| <b>Semester 8</b> | BCS         | 410 | Computer Science Project (Cont.)                  | Completed 90 Cr.H                       | --         |
|                   | CYS         | 412 | Mobile and Wireless Security                      | CYS 411, BCS 308                        | 4          |
|                   |             |     | Major Elective 1                                  |   | 3          |
|                   |             |     | Major Elective 2                                  |   | 3          |
|                   | GED         | 199 | UAE Society                                       | None                                    | 3          |
|                   |             |     |   |   | <b>13</b>  |
|                   |             |     |   |   | <b>124</b> |

## B. Sc. in Cyber Security Program Structure

| Requirements                | Compulsory Cr. H | Elective Cr. H | Total Cr. H |
|-----------------------------|------------------|----------------|-------------|
| University Requirement (UR) | 21               | 6              | 27          |
| Program Core (CR)           | 61               | -              | 61          |
| Program Major (MJ)          | 30               | 6              | 37          |
| <b>Total</b>                | <b>112</b>       | <b>12</b>      | <b>124</b>  |

### University Requirements:

University Requirements are 27 credits out of which 21 credits Compulsory Courses. Every student is required to take the mandatory credit hours that cover Islamic culture, English communication skills, and Innovation. These requirements are:

| Course #   | Course Title | Pre-requisite                                     | Cr.H |
|--|--------------|---|------|
| <b>1) Languages, Islamic Culture, UAE studies, Arabic and Innovation (21 Cr.H.)</b>          |              |   |      |
| LNG  | 181          | English I for Engineering & Computing             | 3    |
| LNG  | 182          | English II for Engineering & Computing            | 3    |
| GED  | 198          | Islamic Culture                                   | 3    |
| GED  | 196          | Communication Skills in Arabic 1                  | 3    |
| GED  | 199E         | UAE Society                                       | 3    |
| ENT  | 141          | Fundamentals in Innovation and Entrepreneurship 1 | 2    |
| ENT  | 142          | Fundamentals in Innovation and Entrepreneurship 2 | 1    |
| ENT  | 241          | Entrepreneurship I                                | 2    |
| ENT  | 242          | Entrepreneurship II                               | 1    |
| <b>2) Humanities: Students should select two courses from the following pool:(6 credits)</b> |              |   |      |
| GED  | 110E         | Modern Art Appreciation                           | 3    |
| GED  | 111          | Music Appreciation and Communication              | 3    |
| GED  | 112          | Using Positive Psychology at Work                 | 3    |
| GED  | 252E         | Critical Thinking                                 | 3    |
| GED  | 205E         | Psychology in Every Day Life                      | 3    |
| GED  | 272E         | Fundamentals of Public Speaking                   | 3    |
| GED  | 324E         | Ethical Reasoning for Today's World               | 3    |

## Core Requirements (61 Cr.H.)

All students who are enrolled in the B.Sc. in Cyber Security program, independently of their major, must complete the following 61 credit hours (20 courses)

| #            | Code |     | Course Title                               | Pre-requisite                       | Cr.H      |
|--------------|------|-----|--|-------------------------------------|-----------|
| 1            | BCS  | 101 | Elements of Computing                      | None                                | 3         |
| 2            | BCS  | 102 | Introduction to Computing Science I        | BCS-101                             | 3         |
| 3            | MTH  | 112 | Calculus I                                 | Pass Math Placement test or MTH-012 | 3         |
| 4            | MTH  | 113 | Calculus II                                | MTH-112                             | 3         |
| 5            | MTH  | 114 | Linear Algebra                             | MTH-112                             | 3         |
| 6            | MTH  | 130 | Probability and Statistics                 | MTH-112                             | 3         |
| 7            | MTH  | 120 | Discrete Mathematics                       | None                                | 3         |
| 8            | MTH  | 203 | Discrete Mathematics for Computing Science | MTH-120, BCS-102                    | 3         |
| 9            | BCS  | 201 | Logic for Computing Science                | MTH-120                             | 3         |
| 10           | BCS  | 202 | Introduction to Computing Science II       | BCS-102                             | 3         |
| 11           | BCS  | 203 | Software Specifications                    | BCS-202, BCS-201                    | 3         |
| 12           | BCS  | 204 | System-Level Programming                   | BCS-102                             | 3         |
| 13           | BCS  | 205 | Programming Paradigms                      | BCS-202, BCS-201                    | 3         |
| 14           | ENG  | 210 | Computer Architecture                      | BCS-202 or ENG 101                  | 4         |
| 15           | BCS  | 206 | Information Structures                     | BCS-202, MTH-203                    | 3         |
| 16           | BCS  | 302 | Scientific Computing                       | BCS-102, MTH-114                    | 3         |
| 17           | BCS  | 305 | Software Architecture                      | BCS-203, BCS-206                    | 3         |
| 18           | BCS  | 306 | Database Management Systems                | BCS-202, BCS-201                    | 3         |
| 19           | BCS  | 309 | Algorithms I                               | BCS-201, BCS-206                    | 3         |
| 20           | BCS  | 401 | Ethics for Computing Professionals         | None                                | 3         |
| <b>Total</b> |      |     |  |                                     | <b>61</b> |

## **B.Sc. in Cyber Security Major Requirements (36 credit hours)**

The 36 credit hours are covered by the completion of 8 compulsory courses totaling 30 credit hours and two elective courses (6 credits hours) to be selected from elective courses. The list of the courses is given below:

### **Compulsory Courses (30 credit hours)**

Each student enrolled in the B.Sc. in Cyber Security is required to successfully complete the following:

#### **List of the 10 Compulsory Courses (30 Cr.H.)**

| #            | Code | Course Title                               | Pre-requisite                           | Cr.H      |
|--------------|------|--|---|-----------|
| 1            | BCS  | 301 Operating Systems                      | ENG-210, BCS-206                        | 4         |
| 2            | BCS  | 303 Security Principles and Practices      | BCS-206                                 | 4         |
| 3            | CYS  | 311 Security Threats and Risk Analysis     | BCS-303                                 | 3         |
| 4            | CYS  | 312 Cryptographic Algorithms and Protocols | BCS-203, BCS-204, BCS-303, BCS-309 (co) | 3         |
| 5            | CYS  | 411 Engineering Secure Software            | CYS-312                                 | 3         |
| 6            | BCS  | 308 Communication Networks                 | BCS-301                                 | 3         |
| 7            | CYS  | 412 Mobile and Wireless Security           | CYS 411, BCS 308                        | 4         |
| 8            | BCS  | 410 Computer Science Project               | Completed 90 Cr.H                       | 6         |
| <b>Total</b> |      |  |   | <b>30</b> |

### **Elective Courses (6 credit hours)**

Each student is required to successfully complete two of the following courses

| #            | Code | Course Title                                | Pre-requisite | Cr.H     |
|--------------|------|---|---------------|----------|
| 1            | CYS  | 413 Web Application Security and Testing    | CYS 411       | 3        |
| 2            | CYS  | 414 Penetration Testing and Ethical Hacking | CYS 411       | 3        |
| 3            | CYS  | 415 Malicious Software                      | CYS 411       | 3        |
| 4            | CYS  | 416 Human and Organizational Security       | BCS-303       | 3        |
| <b>Total</b> |      |   |               | <b>6</b> |

## **Department of Electrical Engineering**

### **Bachelor of Science in Electrical Engineering in 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 in 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

### Bachelor of Science in Electrical Engineering in Telecommunication Study Plan

| Semester   | Course Code | Course Title                                      | Pre/ Co Requisite                   | Cr.H       |
|--|-------------|---|-------------------------------------|------------|
| Semester 1   | LNG 181     | English I for Engineering & 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 in Innovation and Entrepreneurship 1 | None                                | 2          |
| <b>Total</b>   |             |   |                                     | <b>18</b>  |
| Semester 2   | LNG 182     | English II for Engineering & 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 in Innovation and Entrepreneurship 2 | ENT-141                             | 1          |
| <b>Total</b>   |             |   |                                     | <b>16</b>  |
| Semester 3   | MTH 212     | Calculus III                                      | MTH-113                             | 3          |
|  | MTH 130     | Probability and Statistics                        | MTH-112                             | 3          |
|  | SCI 210     | Modern Physics                                    | MTH 113, SCI-220                    | 3          |
|  | ENG 221     | Electric Circuit                                  | SCI-210                             | 4          |
|  | ENT 241     | Entrepreneurship I                                | ENT-142                             | 2          |
| <b>Total</b>   |             |   |                                     | <b>15</b>  |
| 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          |
| <b>Total</b>   |             |   |                                     | <b>17</b>  |
| 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          |
|  |             | Humanity Elective                                 |                                     | 3          |
| <b>Total</b>   |             |   |                                     | <b>18</b>  |
| Semester 6   | BUS 310     | Project Management                                | Completion of 60 Credit Hrs         | 3          |
|  | ENG 314     | Electric Machines                                 | ENG-223                             | 3          |
|  | ENG 315     | Control Systems                                   | MTH-220                             | 3          |
|  | COM 320     | Telecommunications                                | ENG-301, COM-310, COM-311           | 3          |
|  | COM 322     | Applied Electromagnetics                          | ENG-222                             | 3          |
|  | COM 411     | Digital Filter Design                             | MTH 220                             | 3          |
| <b>Total</b>   |             |   |                                     | <b>18</b>  |
| Semester 7   | ENG 421     | 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 Cr.H                  | 2          |
|  | NET 120     | LAN Switching and Routing                         | NET-110                             | 3          |
| <b>Total</b>   |             |   |                                     | <b>17</b>  |
| 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          |
|  |             | Major elective 1                                  |                                     | 3          |
|  |             | Major elective 2                                  |                                     | 3          |
|  | GED 199     | UAE Society                                       | None                                | 3          |
| <b>Total</b>   |             |   |                                     | <b>17</b>  |
| <b>Internship to be taken summer semester after completion of 90 Cr.H + CGPA 2.0 or more</b> |             |   |                                     | <b>2</b>   |
| <b>Total Credit Hours</b>  |             |   |                                     | <b>138</b> |

### Bachelor of Science in Electrical Engineering in Telecommunication Requirements

| Requirements                       | Compulsory Cr.H | Elective Cr.H | Total Cr.H |
|------------------------------------|-----------------|---------------|------------|
| University Requirement (UR)        | 21              | 3             | 24         |
| Faculty Requirements (Core) (CR.H) | 72              |               | 72         |
| Concentration (Major) (MJ)         | 36              | 6             | 42         |
| <b>Total</b>                       | <b>129</b>      | <b>9</b>      | <b>138</b> |

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### Bachelor of Science in Electrical Engineering in Telecommunication Core Requirements

| Course Code | Course Title                    | Pre/ Co Requisite                   | Cr.H |
|-------------|---------------------------------|-------------------------------------|------|
| SCI 220     | Engineering Mechanics           | MTH-112                             | 3    |
| MTH 112     | Calculus I                      | Pass Math Placement Test or MTH-012 | 3    |
| MTH 113     | Calculus II                     | MTH-112                             | 3    |
| MTH 212     | Calculus III                    | MTH-113                             | 3    |
| SCI 210     | Modern Physics                  | MTH-113, SCI-220                    | 3    |
| SWS 110     | Programming I                   | None                                | 3    |
| MTH 130     | Probability and Statistics      | MTH-112                             | 3    |
| MTH 220     | Ordinary Differential Equations | MTH-212                             | 3    |
| SWS 316     | Programming II                  | SWS-110                             | 3    |
| ENG 221     | Electric Circuit                | SCI-210                             | 4    |
| ENG 310     | Electronics I                   | ENG-221                             | 3    |
| ENG 101     | Digital Logic                   | None                                | 4    |
| ENG 223     | Electric Circuit II             | ENG-221                             | 3    |
| BUS 310     | Project Management              | Completion of 60 Credit Hrs.        | 3    |
| BUS 311     | Engineering Economy             | MTH-130                             | 3    |
| ENG 210     | Computer Architecture           | ENG-101                             | 4    |
| ENG 314     | Electric Machines               | ENG-223                             | 3    |
| ENG 315     | Control Systems                 | MTH-220                             | 3    |
| COM 411     | Digital Filter Design           | MTH 220                             | 3    |
| NET 110     | Computer Networks Fundamentals  | ENG-101                             | 3    |
| ENG 301     | Electronics II                  | ENG-310                             | 3    |
| ENT 241     | Entrepreneurship I              | ENT-142                             | 2    |
| ENT 242     | Entrepreneurship II             | ENT-241                             | 1    |

### Bachelor of Science in Electrical Engineering in Telecommunication Major Requirements

| Course Code | Course Title                    | Pre/ Co Requisite         | Cr.H |
|-------------|---------------------------------|---------------------------|------|
| 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    |
| 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 320     | Internship                      | 90 Cr.H + CGPA 2.0        | 3    |
| ENG 400     | Graduation Project-1            | Completed 100 Cr          | 3    |
| ENG 401     | Graduation Project-2            | ENG-400                   | 3    |
| NET 120     | LAN Switching and Routing       | NET-110                   | 3    |
| NET 424     | Broadband Communications        | NET-110                   | 3    |

### Bachelor of Science in Electrical Engineering in Telecommunication Major Electives

\*Students must complete 6 Cr.H (2 Courses)

| Course Code | Course Title                     | Pre/ Co Requisite | Cr.H |
|-------------|----------------------------------|-------------------|------|
| ELC 323     | Instrumentation and Measurements | ENG-223           | 3    |

|     |     |                          |                           |          |
|-----|-----|--------------------------|---------------------------|----------|
| NET | 222 | Wireless Networks        | COM-412                   | <b>3</b> |
| COM | 427 | Satellite Communications | COM-322, COM-412          | <b>3</b> |
| COM | 421 | RFID Technology          | COM-320, COM-321, COM-322 | <b>3</b> |
| NET | 323 | Voice/IP Convergence     | NET-110                   | <b>3</b> |

### Bachelor of Science in Electrical Engineering in 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 in 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 in Electronics Study Plan

| Sem.  | Course Code | Subject Title                                     | Pre-co-requisite                    | C.H.       |
|---|-------------|---|-------------------------------------|------------|
| Semester 1  | LNG 181     | English I for Engineering & 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 in Innovation and Entrepreneurship 1 | None                                | 2          |
|   |             |   |                                     | <b>18</b>  |
| Semester 2  | LNG 182     | English II for Engineering & 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 in Innovation and Entrepreneurship 2 | ENT-141                             | 1          |
|   |             |   |                                     | <b>16</b>  |
| Semester 3  | MTH 212     | Calculus III                                      | MTH-113                             | 3          |
|   | MTH 130     | Probability and Statistics                        | MTH-112                             | 3          |
|   | SCI 210     | Modern Physics                                    | <u>MTH 113, SCI-220</u>             | 3          |
|   | ENG 221     | Electric Circuits I                               | <u>SCI-210</u>                      | 4          |
|   | ENT 241     | Entrepreneurship I                                | ENT-142                             | 2          |
|   |             |   |                                     | <b>15</b>  |
| 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 II                               | ENT-241                             | 1          |
|   |             |   |                                     | <b>17</b>  |
| 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          |
|   |             | Humanity Elective                                 |                                     | 3          |
|   |             |   |                                     | <b>18</b>  |
| Semester 6  | BUS 310     | Project Management                                | Completion of 60 Credit Hrs         | 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                             | ENG-301                             | 3          |
|   |             |   |                                     | <b>18</b>  |
| Semester 7  | ENG 410     | Professional and Ethical Practice                 | None                                | 3          |
|   | ELC 330     | Microcontrollers and Embedded Systems             | NET-112, ENG-315, SWS-316           | 3          |
|   | ELC 411     | Communication Electronics                         | ENG-301                             | 3          |
|   | ELC 422     | Optoelectronics                                   | ENG-301                             | 3          |
|   | ENG 400     | Graduation Project-1                              | Completed 100 Cr                    | 2          |
|   |             | Major elective 1                                  |                                     | 3          |
|   |             |   |                                     | <b>17</b>  |
| 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          |
|   |             | <b>Major elective 2</b>                           |                                     | <b>3</b>   |
|   | GED 199     | UAE Society                                       | None                                | 3          |
|   |             |   |                                     | <b>17</b>  |
| Internship to be taken summer semester after completion of 90 Cr.H + CGPA 2.0 or more |             |   |                                     | <b>2</b>   |
|   |             |   |                                     | <b>138</b> |

### Bachelor of Science in Electrical Engineering in Electronics Requirements

| Requirements                       | Compulsory Cr.H | Elective Cr.H | Total Cr.H |
|------------------------------------|-----------------|---------------|------------|
| University Requirement (UR)        | 21              | 3             | 24         |
| Faculty Requirements (Core) (CR.H) | 72              |               | 72         |
| Concentration (Major) (MJ)         | 36              | 6             | 42         |
| <b>Total</b>                       | <b>129</b>      | <b>9</b>      | <b>138</b> |

### Bachelor of Science in Electrical Engineering in Electronics Core Requirements

| Course Code | Course Title                    | Pre/ Co Requisite                   | Cr.H |
|-------------|---------------------------------|-------------------------------------|------|
| SCI 220     | Engineering Mechanics           | MTH-112                             | 3    |
| MTH 112     | Calculus I                      | Pass Math Placement Test or MTH-012 | 3    |
| MTH 113     | Calculus II                     | MTH-112                             | 3    |
| MTH 212     | Calculus III                    | MTH-113                             | 3    |
| SCI 210     | Modern Physics                  | MTH-113, SCI-220                    | 3    |
| SWS 110     | Programming I                   | None                                | 3    |
| MTH 130     | Probability and Statistics      | MTH-112                             | 3    |
| MTH 220     | Ordinary Differential Equations | MTH-212                             | 3    |
| SWS 316     | Programming II                  | SWS-110                             | 3    |
| ENG 221     | Electric Circuit                | SCI-210                             | 4    |
| ENG 310     | Electronics I                   | ENG-221                             | 3    |
| ENG 101     | Digital Logic                   | None                                | 4    |
| ENG 223     | Electric Circuit II             | ENG-221                             | 3    |
| BUS 310     | Project Management              | Completion of 60 Credit Hrs.        | 3    |
| BUS 311     | Engineering Economy             | MTH-130                             | 3    |
| ENG 210     | Computer Architecture           | ENG-101                             | 4    |
| ENG 314     | Electric Machines               | ENG-223                             | 3    |
| ENG 315     | Control Systems                 | MTH-220                             | 3    |
| COM 411     | Digital Filter Design           | MTH 220                             | 3    |
| NET 110     | Computer Networks Fundamentals  | ENG-101                             | 3    |
| ENG 301     | Electronics II                  | ENG-310                             | 3    |
| ENG 222     | Engineering Electromagnetics    | MTH-212, SCI-210                    | 3    |
| ENT 241     | Entrepreneurship I              | ENT-142                             | 2    |
| ENT 242     | Entrepreneurship II             | ENT-241                             | 1    |

### Bachelor of Science in Electrical Engineering in Electronics Major Requirements

| Course Code | Course Title                          | Pre/ Co Requisite          | Cr.H |
|-------------|---------------------------------------|----------------------------|------|
| COM 311     | Signals and Systems                   | MTH-220                    | 3    |
| ELC 320     | Power Electronics                     | ENG-301                    | 3    |
| ENG 320     | Internship                            | 90 Cr.H + CGPA 2.0 or more | 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 Cr.H         | 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    |

### Bachelor of Science in Electrical Engineering in Electronics Major Electives

**\*Students must complete 6 Cr.H (2 Courses)**

| Course Code | Course Title                     | Pre/ Co Requisite | Cr.H |
|-------------|----------------------------------|-------------------|------|
| 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    |

## Bachelor of Science in Electrical Engineering in 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 in 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 in Mechatronics Study Plan

| Semester  | Course Code       | Course Title                                      | Pre/ Co Requisite                   | Cr.H       |
|---|-------------------|---|-------------------------------------|------------|
| Semester 1  | LNG 181           | English I for Engineering & Computing             | None                                | 3          |
|   | ENG 101           | Digital Logic                                     | None                                | 4          |
|   | MTH 112           | Calculus I  | Pass Math Placement Test or MTH-012 | 3          |
|   | SHS 103           | Chemistry   |                                     | 3          |
|   | SWS 110           | Programming I                                     |                                     | 3          |
|   | ENT 141           | Fundamentals in Innovation and Entrepreneurship 1 | None                                | 2          |
| <b>Total</b>  |                   |   |                                     | <b>18</b>  |
| Semester 2  | LNG 182           | English II for Engineering & 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 in Innovation and Entrepreneurship 2 | ENT-141                             | 1          |
| <b>Total</b>  |                   |   |                                     | <b>16</b>  |
| Semester 3  | MTH 212           | Calculus III                                      | MTH-113                             | 3          |
|   | MTH 130           | Probability and Statistics                        | MTH-112                             | 3          |
|   | SCI 210           | Modern Physics                                    | MTH 113, SCI-220                    | 3          |
|   | ENG 221           | Electric Circuit                                  | SCI-210                             | 4          |
|   | ENT 241           | Entrepreneurship I                                | ENT-142                             | 2          |
|   | <b>Total</b>      |   |                                     |            |
| 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          |
| <b>Total</b>  |                   |   |                                     | <b>16</b>  |
|   |                   |   |                                     | <b>17</b>  |
| 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 & Hydraulic Control Circuits    | SCI-210                             | 3          |
|   | BUS 311           | Engineering Economy                               | MTH-130                             | 3          |
|   | Humanity Elective |   |                                     | 3          |
| <b>Total</b>  |                   |   |                                     | <b>18</b>  |
| Semester 6  | BUS 310           | Project Management                                | Completion of 60 Credit Hrs         | 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          |
| <b>Total</b>  |                   |   |                                     | <b>18</b>  |
| Semester 7  | ENG 410           | Professional and Ethical Practice                 | None                                | 3          |
|   | MEC 412           | Sensors and Actuators                             | ELC-323                             | 3          |
|   | MEC 411           | Intelligent Systems                               | SWS-316, MTH-130                    | 3          |
|   | Major elective 1  |   |                                     | 3          |
|   | ENG 400           | Graduation Project-1                              | Completed 100 Cr.H                  | 2          |
|   | MEC 413           | Industrial Automation                             | MEC-310                             | 3          |
| <b>Total</b>  |                   |   |                                     | <b>18</b>  |
| 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          |
|   | Major elective 2  |   |                                     | 3          |
|   | GED 199           | UAE Society                                       | None                                | 3          |
| <b>Total</b>  |                   |   |                                     | <b>17</b>  |
| Internship to be taken summer semester after completion of 90 Cr.H + CGPA 2.0 or more |                   |   |                                     | <b>2</b>   |
| <b>Total Credit Hours</b>   |                   |   |                                     | <b>138</b> |

**Bachelor of Science in Electrical Engineering in Mechatronics Requirements**

| <b>Requirements</b>                       | <b>Compulsory Cr.H</b> | <b>Elective Cr.H</b> | <b>Total Cr.H</b> |
|---|------------------------|----------------------|-------------------|
| <b>University Requirement (UR)</b>        | 21                     | 3                    | 24                |
| <b>Faculty Requirements (Core) (CR.H)</b> | 72                     | -                    | 72                |
| <b>Concentration (Major) (MJ)</b>         | 36                     | 6                    | 42                |
| <b>Total</b>                              | <b>129</b>             | <b>9</b>             | <b>138</b>        |

**Bachelor of Science in Electrical Engineering in Mechatronics Core Requirements**

| <b>Course Code</b> | <b>Course Title</b>             | <b>Pre/ Co Requisite</b>            | <b>Cr.H</b> |
|--------------------|---------------------------------|-------------------------------------|-------------|
| SCI 220            | Engineering Mechanics           | MTH-112                             | 3           |
| MTH 112            | Calculus I                      | Pass Math Placement Test or MTH-012 | 3           |
| MTH 113            | Calculus II                     | MTH-112                             | 3           |
| MTH 212            | Calculus III                    | MTH-113                             | 3           |
| SCI 210            | Modern Physics                  | <u>MTH-113, SCI-220</u>             | 3           |
| SWS 110            | Programming I                   | None                                | 3           |
| MTH 130            | Probability and Statistics      | MTH-112                             | 3           |
| MTH 220            | Ordinary Differential Equations | MTH-212                             | 3           |
| SWS 316            | Programming II                  | SWS-110                             | 3           |
| ENG 221            | Electric Circuit                | <u>SCI-210</u>                      | 4           |
| ENG 310            | Electronics I                   | ENG-221                             | 3           |
| ENG 101            | Digital Logic                   | None                                | 4           |
| ENG 223            | Electric Circuit II             | ENG-221                             | 3           |
| BUS 310            | Project Management              | Completion of 60 Credit Hrs.        | 3           |
| BUS 311            | Engineering Economy             | MTH-130                             | 3           |
| ENG 210            | Computer Architecture           | ENG-101                             | 4           |
| ENG 314            | Electric Machines               | ENG-223                             | 3           |
| ENG 315            | Control Systems                 | MTH-220                             | 3           |
| COM 411            | Digital Filter Design           | MTH 220                             | 3           |
| NET 110            | Computer Networks Fundamentals  | ENG-101                             | 3           |
| ENG 301            | Electronics II                  | ENG-310                             | 3           |
| ENG 222            | Engineering Electromagnetics    | <u>MTH-212, SCI-210</u>             | 3           |
| ENT 241            | Entrepreneurship I              | ENT-142                             | 2           |
| ENT 242            | Entrepreneurship II             | ENT-241                             | 1           |

**Bachelor of Science in Electrical Engineering in Mechatronics Major Requirements**

| <b>Course Code</b> | <b>Course Title</b>                            | <b>Pre/ Co Requisite</b>   | <b>Cr.H</b> |
|--------------------|--|----------------------------|-------------|
| MEC 305            | Mechanical Vibrations                          | MTH-220, COM-311           | 3           |
| MEC 306            | Electro-Pneumatic & Hydraulic Control Circuits | SCI-210                    | 3           |
| MEC 310            | Mechatronics Engineering                       | <u>ENG-301, ELC-323</u>    | 3           |
| ENG 320            | Internship                                     | 90 Cr.H + CGPA 2.0 or more | 2           |
| ELC 323            | Instrumentation and Measurements               | ENG-223                    | 3           |
| ENG 400            | Graduation Project-1                           | Completed 100 Cr.H         | 2           |
| ENG 401            | Graduation Project-2                           | ENG-400                    | 2           |
| MEC 411            | Intelligent Systems                            | SWS-316, MTH-130           | 3           |
| MEC 412            | Sensors and Actuators                          | ELC-323                    | 3           |
| MEC 421            | Robotics                                       | MEC-310, MEC-412, MEC-411  | 3           |
| MEC 422            | Mechatronics Systems Design                    | MEC-310, MEC-412           | 3           |
| MEC 413            | Industrial Automation                          | MEC-310                    | 3           |
| MEC 427            | Computer Integrated Manufacturing (CIM)        | MEC-413                    | 3           |

**Bachelor of Science in Electrical Engineering in Mechatronics Major Electives**

\*Students must complete 6 Cr.H (2 Courses)

| <b>Course Code</b> | <b>Course Title</b>                   | <b>Pre/ Co Requisite</b> | <b>Cr.H</b> |
|--------------------|---------------------------------------|--------------------------|-------------|
| ELC 320            | Power Electronics                     | ENG-301                  | 3           |
| ELC 330            | Microcontrollers and Embedded Systems | ENG-210, ENG-301         | 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           |

## **Faculty of Architecture & Interior Design (FAID)**

### **A Word from the Dean**

#### **Welcome to the Faculty of Architecture & Interior Design (FAID) at the Canadian University Dubai (CUD)!**

The Faculty 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.

## **Faculty of Architecture & Interior Design (FAID)**

Canadian University Dubai

## **Department of Architecture**

### **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

### Bachelor of Architecture Study Plan

| Sem.         | Course Code  |     | Subject Title                                       | Pre-requisite/Co-requisite                                | Cr.H      |
|--------------|--------------|-----|---|---|-----------|
| Semester 1   | LNG          | 171 | English I   | None  | 3         |
|              | MTH          | 112 | Calculus I  | Pass Math Placement test or MTH-012                       | 3         |
|              | DES          | 121 | Design Theory                                       | <u>Co-DES 161 &amp; 171</u>                               | 3         |
|              | DES          | 161 | Introduction to Design (Studio)                     | <u>Co-DES 121 &amp; 171</u>                               | 4         |
|              | DES          | 171 | Drafting & Modelling                                | <u>Co-DES 121 &amp; 161</u>                               | 3         |
|              | ENT          | 141 | Fund. Of Innovation & Entrepreneurship 1            |   | 2         |
| <b>Total</b> |              |     |   |   | <b>18</b> |
| Semester 2   | LNG          | 172 | English II  | LNG-171   | 3         |
|              | SCI          | 101 | Physics I   | None  | 3         |
|              | DES          | 172 | Freehand Drawing & Rendering                        | <u>Co-DES 122 &amp; 161</u>                               | 3         |
|              | DES          | 122 | Human Factors                                       | <u>Co-DES 162 &amp; 172</u>                               | 3         |
|              | DES          | 162 | Fundamentals of Design (Studio)                     | DES-161, DES-121 & DES-171<br><u>Co-DES 122 &amp; 172</u> | 4         |
|              | ENT          | 142 | Fund. Of Innovation & Entrepreneurship 2            |   | 1         |
| <b>Total</b> |              |     |   |   | <b>17</b> |
| Semester 3   | DES          | 221 | History of Architecture & Interior Design 1         | LNG-171 & DES-121   | 3         |
|              | DES          | 241 | Construction & Design Integration                   | DES-162   | 3         |
|              | DES          | 261 | Design Principles (Studio)                          | DES-162, 122 & DES-172                                    | 6         |
|              | DES          | 271 | Computer Aided Design                               | DES-171   | 3         |
|              | ENT          | 241 | Innovation & Entrepreneurship 1                     |   | 2         |
| <b>Total</b> |              |     |   |   | <b>17</b> |
| Semester 4   | DES          | 222 | History of Architecture & Interior Design 2         | DES-221   | 3         |
|              | ARC          | 232 | Site Planning & Landscape                           | None  | 3         |
|              | ARC          | 242 | Advanced Construction & Design Integration          | DES-241   | 3         |
|              | ARC          | 262 | Design Methods (Studio)                             | DES-261   | 6         |
|              | ARC          | 272 | Building Information Modelling                      | DES-271   | 3         |
|              | ENT          | 242 | Innovation & Entrepreneurship 2                     |   | 1         |
| <b>Total</b> |              |     |   |   | <b>19</b> |
| Semester 5   | LNG          | 173 | Professional Communication Skills                   | LNG-172   | 3         |
|              | DES          | 341 | Environmental Systems & Design Integration.         | ARC-262 /IND-262 and ARC-232 /IND-232                     | 3         |
|              | ARC          | 343 | Structures 1  | MTH-112, SCI-101 & ARC-242                                | 3         |
|              | ARC          | 361 | Environmental Design (Studio)                       | ARC-262 & DES-222   | 6         |
|              |              | xxx | Major Elective 1                                    |   | 3         |
| <b>Total</b> |              |     |   |   | <b>18</b> |
| Semester 6   | ARC          | 321 | Research & 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, 343, 272   | 6         |
|              | DES          | 371 | Working Drawings & Detailing                        | ARC-361/IND-361 and ARC-242/IND-242                       | 3         |
| <b>Total</b> |              |     |   |   | <b>18</b> |
| Semester 7   | GED          | 199 | UAE Society   |   | 3         |
|              | ARC          | 431 | Planning & Urban Design                             | ARC-362   | 3         |
|              | ARC          | 432 | Vernacular Architecture and Conservation            | DES-222   | 3         |
|              | ARC          | 461 | Urban Study (Studio)                                | ARC-362, ARC-321<br>co ARC 431                            | 6         |
|              | <b>Total</b> |     |   |   | <b>15</b> |
| Semester 8   | ARC          | 441 | Building Code                                       | ARC-362 & DES-371   | 3         |
|              | ARC          | 451 | Professional Practice & Project Management          | ARC-362   | 3         |
|              | ARC          | 462 | Integrated Design (Studio)                          | ARC-461, 342, 344 & 272                                   | 6         |
|              |              | xxx | Major Elective (2)                                  |   | 3         |
|              | <b>Total</b> |     |   |   | <b>15</b> |
| Semester 9   | GED          | xxx | Humanities Elective 1                               |   | 3         |
|              | ARC          | 561 | Design Studio (Institutional)                       | ARC-462 & 342   | 6         |

| Sem.         | Course Code  |      | Subject Title                    | Pre-requisite/Co-requisite                             | Cr.H       |
|--------------|--------------|------|----------------------------------|--|------------|
|              | ARC          | 541  | Construction Economics           | ARC-451  | 3          |
|              | ARC          | 521  | Research & Design Explorations   | ARC-441 & ARC-321                                      | 3          |
|              | <b>Total</b> |      |                                  |  | <b>15</b>  |
| Semester 10  | GED          | 196  | Communication Skills in Arabic 1 | None   | 3          |
|              | GED          | 198E | Islamic Culture                  |  | 3          |
|              | ARC          | 562  | Senior Project - Design (Studio) | ARC- 561, ARC-521, ARC-432, ARC-541, ARC-344 & DES-351 | 6          |
|              |              |      | Major Elective (3)               |  | 3          |
|              | <b>Total</b> |      |                                  |  | <b>15</b>  |
|              | DES          | 351  | <b>Internship</b>                | 90 Cr.H. ID & CGPA ≥2<br>120 Cr.H. ARCH & CGPA ≥2      | 3          |
| <b>Total</b> |              |      |                                  |  | <b>170</b> |

### Bachelor of Architecture Requirements

| Requirements                              | Compulsory Cr.H | Elective Cr.H | Total Cr.H |
|---|-----------------|---------------|------------|
| <b>University Requirement (UR)</b>        | 30              | 3             | 33         |
| <b>Faculty Requirements (Core) (CR.H)</b> | 47              | 0             | 47         |
| <b>Concentration (Major) (MJ)</b>         | 81              | 9             | 90         |
| <b>Total</b>                              | 158             | 12            | 170        |

### Bachelor of Architecture University Requirements

#### University Compulsory Requirements

| Course #   | Course Title | Pre-requisite                              | Cr. H.                              |
|--|--------------|--|-------------------------------------|
| <b>Languages, Mathematics, Science, IT and Islamic Culture</b> |              |  |                                     |
| LNG  | 171          | English I                                  | None                                |
| LNG  | 172          | English II                                 | LNG 171                             |
| LNG  | 173          | Professional Communication Skills          | LNG 172                             |
| GED  | 196          | Communications Skills in Arabic 1          | None                                |
| MTH  | 112          | Calculus I                                 | Pass Math Placement test or MTH-012 |
| SCI  | 101          | Physics I                                  | None                                |
| GED  | 198E         | Islamic Culture                            | None                                |
| GED  | 199E         | UAE Society                                | None                                |
| ENT  | 141          | Fund. Of Innovation and Entrepreneurship 1 | None                                |
| ENT  | 142          | Fund Of Innovation and Entrepreneurship 2  | ENT 141                             |
| ENT  | 241          | Innovation and Entrepreneurship 1          | ENT 142                             |
| ENT  | 242          | Innovation and Entrepreneurship 2          | ENT 241                             |
| <b>Total</b>   |              |  | <b>30</b>                           |

#### University requirement elective courses

| Course #   | Course Title | Pre-requisite                        | Cr. H.            |
|--|--------------|--------------------------------------|-------------------|
| <b>1) Humanities: Students should select one course from the following pool: (3 credits)</b> |              |                                      |                   |
| GED  | 110E         | Modern Art Appreciation              | None              |
| GED  | 111          | Music Appreciation and Communication | None              |
| GED  | 112          | Using Positive Psychology at Work    | LNG 172           |
| GED  | 205E         | Psychology in Every Day Life         | LNG 172           |
| GED  | 252E         | Critical Thinking                    | LNG 172           |
| GED  | 272E         | Fundamentals of Public Speaking      | LNG-172           |
| GED  | 298E         | Special Topics in Western Culture    | LNG-172, GED-198E |
| GED  | 324E         | Ethical Reasoning for Today's World  | LNG 172           |

### Bachelor of Architecture Core Requirements

| Course #     |     | Course Title                                  | Pre/Co-requisite   | Cr. H.    |
|--------------|-----|---|--|-----------|
| DES          | 121 | Design Theory                                 | Co-DES 161 & 171   | 3         |
| DES          | 122 | Human Factors                                 | Co-DES 162 & 172   | 3         |
| DES          | 161 | Introduction to Design (Studio)               | Co-DES 121 & 171   | 4         |
| DES          | 162 | Fundamentals of Design (Studio)               | DES-161, DES-121 & DES-171<br>Co-DES 122 & 172                             | 4         |
| DES          | 171 | Drafting & Modeling                           | Co-DES 121 & 161   | 3         |
| DES          | 172 | Freehand Drawing & Rendering                  | Co-DES 122 & 161   | 3         |
| DES          | 221 | History of Architecture and Interior Design 1 | LNG-171 & DES-121  | 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-162, DES-122 & DES-172   | 6         |
| DES          | 271 | Computer Aided Design                         | DES-171  | 3         |
| DES          | 341 | Environmental Systems & Design Integration    | ARC-262 /IND-262 and ARC-232<br>/IND-232                                   | 3         |
| DES          | 351 | Internship                                    | * 90 Cr.H. for ID & CGPA $\geq$ 2<br>**120 Cr.H. for ARCH. & CGPA $\geq$ 2 | 3         |
| DES          | 371 | Working Drawings and Detailing                | ARC-361/IND-361 and ARC-242/IND-242  | 3         |
| <b>Total</b> |     |   |  | <b>47</b> |

### Bachelor of Architecture Major Requirements

| Course # |     | Course Title  | Pre-requisite/Co- requisite | Cr. H. |
|----------|-----|---|-----------------------------|--------|
| ARC      | 232 | Site Planning & 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 & Design Applications                      | ARC-262 & LNG-173           | 3      |
| ARC      | 342 | Advanced Environmental Systems & 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      |
| ARC      | 362 | Design Studio - Housing                             | ARC-361, 343, 272           | 6      |
| ARC      | 431 | Planning & 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 & Project Management          | ARC-362                     | 3      |

| Course #     |     | Course Title                     | Pre-requisite/Co- requisite                  | Cr. H.    |
|--------------|-----|----------------------------------|--|-----------|
| ARC          | 461 | Urban Study (Studio)             | ARC-321, ARC-362 & Co-431                    | 6         |
| ARC          | 462 | Integrated Design (Studio)       | ARC-461, 342, 344 & 272                      | 6         |
| ARC          | 521 | Research & Design Explorations   | ARC-441 & ARC-321                            | 3         |
| ARC          | 541 | Construction Economics           | ARC-451                                      | 3         |
| ARC          | 561 | Design Studio - Institutional    | ARC-462 & 342                                | 6         |
| ARC          | 562 | Senior Project – Design (Studio) | ARC-521, ARC-432, ARC-541, ARC-344 & DES-351 | 6         |
| <b>Total</b> |     |                                  |  | <b>81</b> |

**Bachelor of Architecture Major Electives**  
**\*Students must complete 9 Cr.H (3 Courses)**

| Course # |     | Course Title   | Pre-requisite      | Cr. H. |
|----------|-----|--|--------------------|--------|
| 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      |
| DES      | 324 | On Site Investigation  | DES-222            | 3      |
| DES      | 331 | Landscape Architecture   | ARC-232 or IND-232 | 3      |
| DES      | 372 | Graphic Design & Portfolio for Architects & Interior Designers | DES-271            | 3      |
| DES      | 373 | Visualization  | DES-271            | 3      |
| DES      | 442 | Special Topics: Materials & 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      |

# **Bachelor of Science in Architectural Studies**

**with 2 concentrations:**

- 1. Building Information Modelling**
- 2. 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

## Bachelor of Science in Architectural Studies- Building Information Modeling Study Plan

| Sem.   | Course Code |     | Subject Title                                       | Pre-requisite/ Co-requisite                               | Cr.H.      |
|--|-------------|-----|---|---|------------|
| <b>Semester 1</b>  | LNG         | 171 | English I   | None  | 3          |
|  | MTH         | 112 | Calculus I  | Pass Math Placement test or MTH-012                       | 3          |
|  | DES         | 121 | Design Theory                                       | <u>Co-DES 161 &amp; 171</u>                               | 3          |
|  | DES         | 161 | Introduction to Design (Studio)                     | <u>Co-DES 121 &amp; 171</u>                               | 4          |
|  | DES         | 171 | Drafting & Modelling                                | <u>Co-DES 121 &amp; 161</u>                               | 3          |
|  | ENT         | 141 | Fundamentals of Innovation and Entrepreneurship 1   |   | 2          |
| <b>Total</b>   |             |     |   |   | <b>18</b>  |
| <b>Semester 2</b>  | LNG         | 172 | English II  | LNG-171   | 3          |
|  | SCI         | 101 | Physics I   | None  | 3          |
|  | DES         | 172 | Freehand Drawing & Rendering                        | <u>Co-DES 122 &amp; 161</u>                               | 3          |
|  | DES         | 122 | Human Factors                                       | <u>Co-DES 162 &amp; 172</u>                               | 3          |
|  | DES         | 162 | Fundamentals of Design (Studio)                     | DES-161, DES-121 & DES-171<br><u>Co-DES 122 &amp; 172</u> | 4          |
|  | ENT         | 142 | Fundamentals of Innovation and Entrepreneurship 2   |   | 1          |
| <b>Total</b>   |             |     |   |   | <b>17</b>  |
| <b>Semester 3</b>  | DES         | 221 | History of Architecture & Interior Design 1         | LNG-171 & DES-121   | 3          |
|  | DES         | 241 | Construction & Design Integration                   | DES-162   | 3          |
|  | DES         | 261 | Design Principles (Studio)                          | DES-122, 162 & DES-172                                    | 6          |
|  | DES         | 271 | Computer Aided Design                               | DES-171   | 3          |
|  | ENT         | 241 | Entrepreneurship 1                                  |   | 2          |
| <b>Total</b>   |             |     |   |   | <b>17</b>  |
| <b>Semester 4</b>  | DES         | 222 | History of Architecture & Interior Design 2         | DES-221   | 3          |
|  | ARC         | 232 | Site Planning & Landscape                           | None  | 3          |
|  | ARC         | 242 | Advanced Construction & 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          |
| <b>Total</b>   |             |     |   |   | <b>19</b>  |
| <b>Semester 5</b>  | GED         | 196 | Communication Skills in Arabic 1                    | None  | 3          |
|  | DES         | 341 | Environmental Systems & Design Integration.         | ARC-262 /IND-262 and ARC-232 /IND-232                     | 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   | 3          |
| <b>Total</b>   |             |     |   |   | <b>18</b>  |
| <b>Semester 6</b>  | ARC         | 321 | Research & 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, 343, 272   | 6          |
|  | DES         | 371 | Working Drawings & Detailing                        | ARC-361/IND-361 and ARC-242/IND-242                       | 3          |
| <b>Total</b>   |             |     |   |   | <b>18</b>  |
| <b>Semester 7</b>  | 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          |
| <b>Total</b>   |             |     |   |   | <b>15</b>  |
| <b>Semester 8</b>  | GED         | 198 | Islamic Culture                                     | None  | 3          |
|  |             |     | Common Major Elective 1                             |   | 3          |
|  | BIM         | XXX | BIM Concentration Elective-2                        | ARC 272 & 300 series                                      | 3          |
|  | BIM         | 462 | BIM Senior Project – Design (Studio)                | BIM 461   | 6          |
| <b>Total</b>   |             |     |   |   | <b>15</b>  |
| <b>DES-351 Internship (Between Semesters 6 and 7 &amp; after semester 8)</b> |             |     |   | 90 Cr.H. & CGPA ≥ 2                                       | <b>3</b>   |
| <b>Total</b>   |             |     |   |   | <b>140</b> |

## Architectural Studies- Sustainability Study Plan

| Sem.   | Course Code |     | Subject Title                                       | Pre-requisite/ Co-requisite                               | Cr.H.      |
|--|-------------|-----|---|---|------------|
| Semester 1   | LNG         | 171 | English I   | None  | 3          |
|  | MTH         | 112 | Calculus I  | Pass Math Placement test or MTH-012                       | 3          |
|  | DES         | 121 | Design Theory                                       | <u>Co-DES 161 &amp; 171</u>                               | 3          |
|  | DES         | 161 | Introduction to Design (Studio)                     | <u>Co-DES 121 &amp; 171</u>                               | 4          |
|  | DES         | 171 | Drafting & Modelling                                | <u>Co-DES 121 &amp; 161</u>                               | 3          |
|  | ENT         | 141 | Fundamentals of Innovation and Entrepreneurship 1   |   | 2          |
| <b>Total</b>   |             |     |   |   | <b>18</b>  |
| Semester 2   | LNG         | 172 | English II  | LNG-171   | 3          |
|  | SCI         | 101 | Physics I   | None  | 3          |
|  | DES         | 172 | Freehand Drawing & Rendering                        | <u>Co-DES 122 &amp; 161</u>                               | 3          |
|  | DES         | 122 | Human Factors                                       | <u>Co-DES 162 &amp; 172</u>                               | 3          |
|  | DES         | 162 | Fundamentals of Design (Studio)                     | DES-161, DES-121 & DES-171<br><u>Co-DES 122 &amp; 172</u> | 4          |
|  | ENT         | 142 | Fundamentals of Innovation and Entrepreneurship 2   |   | 1          |
| <b>Total</b>   |             |     |   |   | <b>17</b>  |
| Semester 3   | DES         | 221 | History of Architecture & Interior Design 1         | LNG-171 & DES-121   | 3          |
|  | DES         | 241 | Construction & Design Integration                   | DES-162   | 3          |
|  | DES         | 261 | Design Principles (Studio)                          | DES-122, 162 & DES-172                                    | 6          |
|  | DES         | 271 | Computer Aided Design                               | DES-171   | 3          |
|  | ENT         | 241 | Entrepreneurship 1                                  |   | 2          |
| <b>Total</b>   |             |     |   |   | <b>17</b>  |
| Semester 4   | DES         | 222 | History of Architecture & Interior Design 2         | DES-221   | 3          |
|  | ARC         | 232 | Site Planning & Landscape                           | None  | 3          |
|  | ARC         | 242 | Advanced Construction & 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                                  |   | 1          |
| <b>Total</b>   |             |     |   |   | <b>19</b>  |
| Semester 5   | GED         | 196 | Communication Skills in Arabic 1                    | None  | 3          |
|  | DES         | 341 | Environmental Systems & Design Integration.         | ARC-262 /IND-262 and ARC-232 /IND-232                     | 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   | 3          |
| <b>Total</b>   |             |     |   |   | <b>18</b>  |
| Semester 6   | ARC         | 321 | Research & 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, 343, 272   | 6          |
|  | DES         | 371 | Working Drawings & Detailing                        | ARC-361/IND-361 and ARC-242/IND-242                       | 3          |
| <b>Total</b>   |             |     |   |   | <b>18</b>  |
| 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          |
| <b>Total</b>   |             |     |   |   | <b>15</b>  |
| Semester 8   | GED         | 198 | Islamic Culture                                     | None  | 3          |
|  |             |     | Common Major Elective 1                             |   | 3          |
|  | SUS         | XXX | SUS Concentration Elective-2                        | 300 series  | 3          |
|  | SUS         | 462 | Sustainability Senior Project – Design (Studio)     | SUS-461 and SUS elective                                  | 6          |
| <b>Total</b>   |             |     |   |   | <b>15</b>  |
| <b>DES-351 Internship (Between Semesters 6 and 7 &amp; after semester 8)</b> |             |     |   | 90 Cr.H. & CGPA ≥ 2                                       | <b>3</b>   |
| <b>Total</b>   |             |     |   |   | <b>140</b> |

**Bachelor of Science in Architectural Studies- Requirements**

| <b>Requirements</b>                       | <b>Compulsory Cr.H</b> | <b>Elective Cr.H</b> | <b>Total Cr.H</b> |
|---|------------------------|----------------------|-------------------|
| <b>University Requirement (URC)</b>       | 30                     | 0                    | <b>30</b>         |
| <b>Department: Design Foundation (CR)</b> | 47                     | 0                    | <b>47</b>         |
| <b>Major Core (CR)</b>                    | 39                     | 3                    | <b>42</b>         |
| <b>Concentration</b>                      | 15                     | 6                    | <b>21</b>         |
| <b>Total</b>                              | <b>131</b>             | <b>9</b>             | <b>140</b>        |

**Bachelor of Science in Architectural Studies University Requirement (URC)**

| <b>Course #</b> | <b>Course Title</b>                        | <b>Pre-requisite</b>                | <b>Cr. H.</b> |
|-----------------|--|-------------------------------------|---------------|
| LNG 171         | English I                                  | None                                | 3             |
| LNG 172         | English II                                 | LNG 171                             | 3             |
| LNG 173         | Professional Communication Skills          | LNG 172                             | 3             |
| GED 196         | Communications Skills in Arabic 1          | None                                | 3             |
| MTH 112         | Calculus I                                 | Pass Math Placement test or MTH-012 | 3             |
| SCI 101         | Physics I                                  | None                                | 3             |
| GED 198E        | Islamic Culture                            | None                                | 3             |
| GED 199E        | UAE Society                                | None                                | 3             |
| ENT 141         | Fund. Of Innovation and Entrepreneurship 1 | None                                | 2             |
| ENT 142         | Fund Of Innovation and Entrepreneurship 2  | ENT 141                             | 1             |
| ENT 241         | Innovation and Entrepreneurship 1          | ENT 142                             | 2             |
| ENT 242         | Innovation and Entrepreneurship 2          | ENT 241                             | 1             |
| <b>Total</b>    |  |                                     | <b>30</b>     |

**Bachelor of Science in Architectural Studies Core Requirement**

| <b>Course #</b> | <b>Course Title</b>                           | <b>Pre-requisite</b>                           | <b>Cr. H.</b> |
|-----------------|---|--|---------------|
| DES 121         | Design Theory                                 | Co-DES 161 & 171                               | 3             |
| DES 122         | Human Factors                                 | Co-DES 162 & 172                               | 3             |
| DES 161         | Introduction to Design (Studio)               | Co-DES 121 & 171                               | 4             |
| DES 162         | Fundamentals of Design (Studio)               | DES-161, DES-121 & DES-171<br>Co-DES 122 & 172 | 4             |
| DES 171         | Drafting & Modeling                           | Co-DES 121 & 161                               | 3             |
| DES 172         | Freehand Drawing & Rendering                  | Co-DES 122 & 161                               | 3             |
| DES 221         | History of Architecture and Interior Design 1 | LNG-171 & DES-121                              | 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-162, DES-122 & DES-172                     | 6             |
| DES 271         | Computer Aided Design                         | DESI-171                                       | 3             |
| DES 341         | Environmental Systems & Design Integration    | ARC-262 /IND-262 and ARC-232 /IND-232          | 3             |
| DES 351         | Internship                                    | 90 Cr.H. CGPA ≥ 2                              | 3             |
| DES 371         | Working Drawings and Detailing                | ARC-361/IND-361 and ARC-242/IND-242            | 3             |
| <b>Total</b>    |   |  | <b>47</b>     |

### **Bachelor of Science in Architectural Studies Major Requirement**

Students are required to complete 42 credits of Major Requirements; 39 credits of these are compulsory and 3 credits are Electives.

#### **Bachelor of Science in Architectural Studies Compulsory Major Requirement (39 Credit Hours)**

| <b>Course #</b> | <b>Course Title</b>                                 | <b>Pre-requisite</b>       | <b>Cr. H.</b> |
|-----------------|---|----------------------------|---------------|
| <b>ARC 232</b>  | Site Planning & Landscape                           | None                       | 3             |
| <b>ARC 242</b>  | Advanced Construction and Design Integration        | DES-241                    | 3             |
| <b>ARC 262</b>  | Design Methods (Studio)                             | DES-261                    | 6             |
| <b>ARC 272</b>  | Building Information Modelling                      | DES-271                    | 3             |
| <b>ARC 321</b>  | Research & Design Applications                      | ARC-262, LNG 173           | 3             |
| <b>ARC 342</b>  | Advanced Environmental Systems & Design Integration | DES-341 & ARC-242          | 3             |
| <b>ARC 343</b>  | Structures 1  | MTH-112, SCI-101 & ARC-242 | 3             |
| <b>ARC 344</b>  | Structures 2  | ARC-343                    | 3             |
| <b>ARC 361</b>  | Environmental Design (Studio)                       | ARC-262 & DES-222          | 6             |
| <b>ARC 362</b>  | Design Studio (Housing)                             | ARC-361, ARC-343 & ARC-272 | 6             |
| <b>Total</b>    |   |                            | <b>39</b>     |

#### **Bachelor of Science in Architectural Studies -Common major elective requirements (One course 3 Credit Hours)**

| <b>Course #</b> | <b>Course Title</b>  | <b>Pre-requisite</b> | <b>Cr. H.</b> |
|-----------------|--|----------------------|---------------|
| <b>ARC 345</b>  | GIS Applications in Architecture                               | ARC-342 or IND-342   | 3             |
| <b>DES 322</b>  | Architecture of The Islamic World                              | DES-222              | 3             |
| <b>DES 324</b>  | On Site Investigation  | DES-222              | 3             |
| <b>DES 331</b>  | Landscape Architecture   | ARC-232 or IND-232   | 3             |
| <b>DES 372</b>  | Graphic Design & Portfolio for Architects & Interior Designers | DES-271              | 3             |
| <b>DES 373</b>  | Visualization  | DES-271              | 3             |
| <b>DES 442</b>  | Special Topics: Materials & Methods                            | ARC-342 or IND-342   | 3             |
| <b>DES 452</b>  | Professional Practice Seminar                                  | ARC-362 or IND-362   | 3             |
| <b>DES 463</b>  | Complex Design Studio  | ARC-362 or IND-362   | 3             |
| <b>Total</b>    |  |                      | <b>3</b>      |

## Bachelor of Science in Architectural Studies - Concentration Requirements

There are two concentrations (Building Information Modeling & Sustainability) and for each concentration, students need to complete successfully five courses (21 Credit Hours) of which three courses (15 Cr. H.) are compulsory and two courses (6 Cr.H.) is an Elective.

### Building Information Modeling (BIM) Concentration

#### BIM Concentration Compulsory Requirements

| Course #     |     | Course Title                                     | Pre-requisite | Cr. H.    |
|--------------|-----|--|---------------|-----------|
| 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       | 6         |
| <b>Total</b> |     |  |               | <b>15</b> |

#### BIM Concentration Elective Requirements

Students are required to complete successfully two BIM Concentration Elective (6 Cr.H.)

| Course #     |     | Course Title                       | Pre-requisite | Cr. H.   |
|--------------|-----|------------------------------------|---------------|----------|
| BIM          | 444 | MEP Modelling                      | 300 series    | 3        |
| BIM          | 442 | BIM Simulation & Parametric Design | 300 series    | 3        |
| BIM          | 443 | Building Information Management    | 300 series    | 3        |
| <b>Total</b> |     |                                    |               | <b>6</b> |

### Sustainability (SUS) Concentration

#### Sustainability (SUS) Concentration Compulsory Requirements

| Course #     |     | Course Title                                     | Pre-requisite | Cr. H.    |
|--------------|-----|--|---------------|-----------|
| 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       | 6         |
| <b>Total</b> |     |  |               | <b>15</b> |

#### Sustainability Concentration Elective Requirements:

Students are required to complete successfully two BIM Concentration Elective (6 Cr.H.)

| Course #     |     | Course Title                        | Pre-requisite | Cr. H.   |
|--------------|-----|-------------------------------------|---------------|----------|
| SUS          | 430 | Sustainable Urban Planning & Design | 300 series    | 3        |
| SUS          | 431 | Ecological Design                   | 300 series    | 3        |
| SUS          | 432 | Sustainable rating Systems          | 300 series    | 3        |
| <b>Total</b> |     |                                     |               | <b>6</b> |

## **Department of Interior Design**

### **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

## Bachelor of Science in Interior Design Study Plan

| Sem.   | Course Code | Subject Title  | Pre-requisite/ Co-requisite                               | Cr.H.                          |
|--|-------------|--|---|--------------------------------|
| Semester 1   | LNG 171     | English I  | None  | 3                              |
|  | MTH 196     | Mathematics for Business                             | None  | 3                              |
|  | DES 121     | Design Theory  | <u>Co-DES 161 &amp; 171</u>                               | 3                              |
|  | DES 161     | Introduction to Design (Studio)                      | <u>Co-DES 121 &amp; 171</u>                               | 4                              |
|  | DES 171     | Drafting & Modelling                                 | <u>Co-DES 121 &amp; 161</u>                               | 3                              |
|  | ENT 141     | Fundamentals of Innovation and Entrepreneurship 1    | None  | 2                              |
| <b>Total</b>   |             |  |   | <b>18</b>                      |
| Semester 2   | LNG 172     | English II   | LNG-171   | 3                              |
|  | DES 172     | Freehand Drawing & Rendering                         | <u>Co-DES 122 &amp; 161</u>                               | 3                              |
|  | DES 122     | Human Factors  | <u>Co-DES 162 &amp; 172</u>                               | 3                              |
|  | DES 162     | Fundamentals of Design (Studio)                      | DES-161, DES-121 & DES-171<br><u>Co-DES 122 &amp; 172</u> | 4                              |
|  | ENT 142     | Fundamentals of Innovation and Entrepreneurship 2    | ENT-141   | 1                              |
|  | GED 199     | UAE Society  | None  | 3                              |
| <b>Total</b>   |             |  |   | <b>17</b>                      |
| Semester 3   | DES 221     | History of Architecture & Interior Design 1          | LNG-171 & DES-121   | 3                              |
|  | DES 241     | Construction & Design Integration                    | DES-162   | 3                              |
|  | DES 261     | Design Principles (Studio)                           | DES-122, 162 & DES-172                                    | 6                              |
|  | DES 271     | Computer Aided Design                                | DES-171   | 3                              |
|  | ENT 241     | Innovation and Entrepreneurship 1                    | ENT-142   | 2                              |
| <b>Total</b>   |             |  |   | <b>17</b>                      |
| Semester 4   | DES 222     | History of Architecture & Interior Design 2          | DES-221   | 3                              |
|  | IND 232     | Research & Design Applications                       | DES-261 & LNG-172   | 3                              |
|  | IND 242     | Construction and Design Integration: Interior Design | DES-241   | 3                              |
|  | IND 262     | Residential Design (Studio)                          | DES-261   | 6                              |
|  | ENT 242     | Innovation and Entrepreneurship 2                    | ENT-241   | 1                              |
| <b>Total</b>   |             |  |   | <b>16</b>                      |
| Semester 5   | DES 341     | Environmental Systems & Design Integration.          | ARC-262 /IND-262 and ARC-232 /IND-232                     | 3                              |
|  | IND 331     | Furniture Design & Detailing                         | DES-122 & DES-222   | 3                              |
|  | IND 343     | Interior Finishes & Materials                        | IND-242   | 3                              |
|  | IND 361     | Institutional Design (Studio)                        | IND-262 & DES-222   | 6                              |
|  | LNG 173     | Professional Communication Skills                    | LNG 172   | 3                              |
| <b>Total</b>   |             |  |   | <b>18</b>                      |
| Semester 6   | IND 342     | Lighting & Acoustics                                 | DES-341 & IND-242   | 3                              |
|  | IND 344     | Building Code  | IND-343   | 3                              |
|  | IND 362     | Commercial Design (Studio)                           | IND-361 & DES-271   | 6                              |
|  | DES 371     | Working Drawings & Detailing                         | ARC-361/IND-361 and ARC-242/IND-242                       | 3                              |
|  | IND 351     | Professional Practice & Project Management           | IND-361   | 3                              |
| <b>Total</b>   |             |  |   | <b>18</b>                      |
| Semester 7   | GED 196     | Communication Skills in Arabic 1                     | None  | 3                              |
|  | IND 461     | Senior Project – Dissertation (Studio)               | IND-232, IND-362, IND-344, IND-331 & IND-342              | 6                              |
|  |             | Major Elective (1)                                   |   | 3                              |
| <b>Total</b>   |             |  |   | <b>12</b>                      |
| Semester 8   | GED 198     | Islamic Culture                                      | None  | 3                              |
|  | IND 462     | Senior Project Design (Studio)                       | DES-371, 351 & IND-461                                    | 6                              |
| <b>Total</b>   |             |  |   | <b>9</b>                       |
| <b>DES-351 Internship (Between Semesters 6 and 7 &amp; after semester 8)</b> |             |  |   | <b>90 Cr.H. &amp; CGPA ≥ 2</b> |
| <b>Total</b>   |             |  |   | <b>128</b>                     |

## Bachelor of Science in Interior Design Requirements

| Requirements                        | Compulsory Cr. H | Elective Cr. H | Total Cr. H |
|-------------------------------------|------------------|----------------|-------------|
| <b>University Requirement (URC)</b> | 27               | -              | 27          |
| <b>Faculty Requirements (CR)</b>    | 47               | --             | 47          |
| <b>Major Core (CR)</b>              | 51               | 3              | 54          |
| <b>Total</b>                        | 122              | 3              | 128         |

### University Requirements

| Course #   | Course Title                                      | Pre-requisite | Cr. H. |
|--|---|---------------|--------|
| <b>Languages, Mathematics, Science, IT and Islamic Culture</b> |   |               |        |
| LNG 171  | English I   | None          | 3      |
| LNG 172  | English II  | LNG 171       | 3      |
| LNG 173  | Professional Communication Skills                 | LNG 172       | 3      |
| GED 196  | Communications Skills in Arabic 1                 | None          | 3      |
| MTH 196  | Mathematics for Business                          | 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  | Innovation and Entrepreneurship 1                 | ENT 142       | 2      |
| ENT 242  | Innovation and Entrepreneurship 2                 | ENT 241       | 1      |
| <b>Total</b>   |   |               | 27     |

### Bachelor of Science in Interior Design Core Requirements

| Course #     | Course Title                                  | Pre/ Co-requisite                              | Cr. H. |
|--------------|---|--|--------|
| DES 121      | Design Theory                                 | Co-DES 161 & 171                               | 3      |
| DES 122      | Human Factors                                 | Co-DES 162 & 172                               | 3      |
| DES 161      | Introduction to Design (Studio)               | Co-DES 121 & 171                               | 4      |
| DES 162      | Fundamentals of Design (Studio)               | DES-161, DES-121 & DES-171<br>Co-DES 122 & 172 | 4      |
| DES 171      | Drafting & Modeling                           | Co-DES 121 & 161                               | 3      |
| DES 172      | Freehand Drawing & Rendering                  | Co-DES 122 & 161                               | 3      |
| DES 221      | History of Architecture and Interior Design 1 | LNG-171 & DES-121                              | 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-162, DES-122 & DES-172                     | 6      |
| DES 271      | Computer Aided Design                         | DESI-171                                       | 3      |
| DES 341      | Environmental Systems & Design Integration    | ARC-262 /IND-262 and ARC-232 /IND-232          | 3      |
| DES 351      | Internship                                    | * 90 Cr.H. & CGPA ≥ 2                          | 3      |
| DES 371      | Working Drawings and Detailing                | ARC-361/IND-361 and ARC-242/IND-242            | 3      |
| <b>Total</b> |   |  | 47     |

## Bachelor of Science in Interior Design Major Requirements

All students enrolled in the Bachelor of Science in Interior Design must complete 51 credits (12 courses) of Major courses

| Course #     |     | Course Title   | Pre-requisite                                | Cr. H.    |
|--------------|-----|--|--|-----------|
| IND          | 232 | Research and Design Applications                     | DES-261 & LNG-172                            | 3         |
| IND          | 242 | Construction and Design Integration: Interior Design | DES-241                                      | 3         |
| IND          | 262 | Residential Design (Studio)                          | DES-261                                      | 6         |
| IND          | 331 | Furniture Design & Detailing                         | DES-122 & DES-222                            | 3         |
| IND          | 342 | Lighting & Acoustics                                 | DES-341 & IND-242                            | 3         |
| IND          | 343 | Interior Finishes & Materials                        | IND-242                                      | 3         |
| IND          | 344 | Building Code  | IND-343                                      | 3         |
| IND          | 361 | Institutional Design (Studio)                        | IND-262 & DES-222                            | 6         |
| IND          | 362 | Commercial Design (Studio)                           | IND-361 & DES-271                            | 6         |
| IND          | 351 | Professional Practice & Project Management           | IND-361                                      | 3         |
| IND          | 461 | Senior Project – Dissertation (Studio)               | IND-232, IND-362, IND-344, IND-331 & IND-342 | 6         |
| IND          | 462 | Senior Project Design (Studio)                       | DES-371, DES-351 & IND-461                   | 6         |
| <b>Total</b> |     |  |  | <b>51</b> |

## Major Elective Requirements

Student should select one courses from the following list: (3 Cr. H.).

| Course # |     | Course Title   | Pre-requisite      | Cr. H. |
|----------|-----|--|--------------------|--------|
| 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 & Portfolio for Architects & 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 & 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      |

## **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.

### **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.

### **Requirements and Guidelines for Internship**

A student applying for internship should fulfill the following requirements:

1. Have completed all the credit hours required as stipulated in the program study plan.
2. Satisfy the minimum Passing Actual Cumulative GPA. Students should refer to their program passing GPA requirements.
3. Adhere to both the training guidelines and regulations of the organization providing the internship.
4. 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.
5. 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.

### **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.

### **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.

### **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.

### **The Role of the Student Affairs Office in the 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.

## **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.

## **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](http://www.cud.ac.ae)

## **Remote Internship Policy**

### **1. Purpose**

To outline CUD's procedure for validating internships, which can be completed remotely in the UAE or abroad.

### **2. Scope**

Statement on the mode of completion of the internship must clearly specify whether it can be complete remotely or onsite.

### **3. 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:
  - a) Agrees to conduct his/her internship using the mode, which is made available through the Internship Office,

- b) Has completed all the credit hours required as stipulated in the program study plan,
- c) Satisfies the minimum cumulative GPA, which is required for internship registration,
- d) Meets the guidelines and regulations set by the organization offering the internship,
- e) 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.

#### **4. 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 8<sup>th</sup> week of the next academic semester.

#### **5. Role and Responsibilities**

- **The role of the Student Affairs office concerning internships is to:**
  - a) Identify and reach out to organizations to partner and secure onsite and online internship opportunities.
  - b) 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.

- c) Provide benchmarks and procedures for that students need to follow and the responsibilities to be fulfilled by them during the training period.
- d) Coordinate an initial onsite or virtual visit for the student at the place of internship before it begins.
- e) Keep track of the program during the training period while liaising with the academic and field supervisors.
- f) Send student's transcripts, copy of the passport, the student's resume and training program to the company before the training period.
- g) 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**

- a) 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,
- b) The Internship supervisor must be aware of the acceptable modes (Remotely/Onsite/Hybrid) of completion of the internship,
- c) 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,
- d) 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,
- e) 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:

- a) Professional Conduct as expected from the regular employees of the company,
- b) Adhere to all rules and regulations of the company,
- c) Be present at work either remotely or onsite during normal working hours,
- d) Attend all training sessions,
- e) Carry out all legitimate duties assigned by the field supervisor,
- f) Demonstrate a spirit of cooperation with his/her supervisor and other employees,
- g) Meet with the Academic Advisor (Remotely/Onsite) during each weekly visit, to him/her to discuss the weekly activities accomplished,
- h) Be a professional and demonstrate appropriate work ethics,
- i) Display confidence, respect confidentiality and take initiatives,
- j) Receive criticism and take ownership for work submitted,
- k) Recognize the importance of teamwork as an opportunity to bolster your skills,
- l) Respect and appreciate people of different culture, race, religion and ethnicity.

## Fees & Payments

**Estimated 1st Year Costs Based on Full Time Studies**

**\*Application Fee included**

**Undergraduate Program Fees**

### Faculty of Communication, Arts and Sciences

| Accredited Programs     | Fee per Credit Hour | VAT 5% | Fee per Credit Hour | Fee per Course (3CrHrs) | Cr Hrs* per Year | Tuition Fees* per Year | Incidental Fees* | Total Fees* per Year |
|-------------------------|---------------------|--------|---------------------|-------------------------|------------------|------------------------|------------------|----------------------|
|                         |                     |        |                     |                         |                  |                        |                  | Pre VAT              |
| <u>Journalism</u>       | 1,900.00            | 95     | 1,995.00            | 5,985.00                | 24               | 47,880.00              | 2,236.50         | 50,116.50            |
| <u>Advertisement</u>    | 1,900.00            | 95     | 1,995.00            | 5,985.00                | 24               | 47,880.00              | 2,236.50         | 50,116.50            |
| <u>Public Relations</u> | 1,900.00            | 95     | 1,995.00            | 5,985.00                | 24               | 47,880.00              | 2,236.50         | 50,116.50            |

### Department of Environmental Health Sciences

| Accredited Programs   | Fee per Credit Hour | VAT 5% | Fee per Credit Hour | Fee per Course (3CrHrs) | Cr Hrs* per Year | Tuition Fees* per Year | Incidental Fees* | Total Fees* per Year |
|---|---------------------|--------|---------------------|-------------------------|------------------|------------------------|------------------|----------------------|
|   |                     |        |                     |                         |                  |                        |                  | Pre VAT              |
| <u>Bachelor of Science in Environmental Health Management</u> | 2,095.00            | 104.75 | 2,199.75            | 6,599.25                | 30               | 65,992.50              | 2,236.50         | 68,229.00            |

### Department of Social Sciences

| Accredited Programs                            | Fee per Credit Hour | VAT 5% | Fee per Credit Hour | Fee per Course (3CrHrs) | Cr Hrs* per Year | Tuition Fees* per Year | Incidental Fees* | Total Fees* per Year |
|--|---------------------|--------|---------------------|-------------------------|------------------|------------------------|------------------|----------------------|
|  |                     |        |                     |                         |                  |                        |                  | Pre VAT              |
| Bachelor of Arts in Psychology (English)       | 2,000.00            | 100    | 2,100.00            | 6,300.00                | 30               | 63,000.00              | 2,236.50         | 65,236.50            |
| Bachelor of Arts in Psychology (Arabic)        | 2,000.00            | 100    | 2,100.00            | 6,300.00                | 30               | 63,000.00              | 2,236.50         | 65,236.50            |
| Bachelor of Arts in Applied Sociology (Arabic) | 2,000.00            | 100    | 2,100.00            | 6,300.00                | 33               | 69,300.00              | 2,236.50         | 71,536.50            |

**Department of Creative Industries**

| <b>Accredited Programs</b>                     | <b>Fee per Credit Hour</b> | <b>VAT 5%</b> | <b>Fee per Credit Hour</b> | <b>Fee per Course (3CrHrs)</b> | <b>Cr Hrs* per Year</b> | <b>Tuition Fees* per Year</b> | <b>Incidental Fees*</b> | <b>Total Fees* per Year</b> |
|--|----------------------------|---------------|----------------------------|--------------------------------|-------------------------|-------------------------------|-------------------------|-----------------------------|
|  | <b>Pre VAT</b>             |               | <b>VAT inclusive</b>       |                                |                         |                               |                         |                             |
| <u>Bachelor of Arts in Creative Industries</u> | 2,100.00                   | 105           | 2,205.00                   | 6,615.00                       | 30                      | 66,150.00                     | 2,236.50                | 68,386.50                   |

**Faculty of Management**

| <b>Accredited Programs</b>   | <b>Fee per Credit Hour</b> | <b>VAT 5%</b> | <b>Fee per Credit Hour</b> | <b>Fee per Course (3CrHrs)</b> | <b>Cr Hrs* per Year</b> | <b>Tuition Fees* per Year</b> | <b>Incidental Fees*</b> | <b>Total Fees* per Year</b> |
|--|----------------------------|---------------|----------------------------|--------------------------------|-------------------------|-------------------------------|-------------------------|-----------------------------|
|  | <b>Pre VAT</b>             |               | <b>VAT inclusive</b>       |                                |                         |                               |                         |                             |
| <u>Bachelor of Business Administration in Luxury Marketing</u>                         | 2,100.00                   | 105           | 2,205.00                   | 6,615.00                       | 30                      | 66,150.00                     | 2,236.50                | 68,386.50                   |
| <u>Bachelor of Business Administration in Forensic Accounting</u>                      | 2,100.00                   | 105           | 2,205.00                   | 6,615.00                       | 30                      | 66,150.00                     | 2,236.50                | 68,386.50                   |
| <u>Bachelor of Business Administration in Sport Management</u>                         | 2,100.00                   | 105           | 2,205.00                   | 6,615.00                       | 30                      | 66,150.00                     | 2,236.50                | 68,386.50                   |
| <u>Bachelor of Business Administration in Events &amp; Tourism Management</u>          | 2,100.00                   | 105           | 2,205.00                   | 6,615.00                       | 30                      | 66,150.00                     | 2,236.50                | 68,386.50                   |
| <u>Bachelor of Business Administration in Operations &amp; Supply Chain Management</u> | 2,100.00                   | 105           | 2,205.00                   | 6,615.00                       | 30                      | 66,150.00                     | 2,236.50                | 68,386.50                   |
| <u>Bachelor of Business Administration in Marketing</u>                                | 2,100.00                   | 105           | 2,205.00                   | 6,615.00                       | 30                      | 66,150.00                     | 2,236.50                | 68,386.50                   |
| <u>Bachelor of Business Administration in International Business</u>                   | 2,100.00                   | 105           | 2,205.00                   | 6,615.00                       | 30                      | 66,150.00                     | 2,236.50                | 68,386.50                   |
| <u>Bachelor of Business Administration in E-Business</u>                               | 2,100.00                   | 105           | 2,205.00                   | 6,615.00                       | 30                      | 66,150.00                     | 2,236.50                | 68,386.50                   |
| <u>Bachelor of Business Administration in Human Resource Management</u>                | 2,100.00                   | 105           | 2,205.00                   | 6,615.00                       | 30                      | 66,150.00                     | 2,236.50                | 68,386.50                   |
| <u>Bachelor of Business Administration in Accounting and Finance</u>                   | 2,100.00                   | 105           | 2,205.00                   | 6,615.00                       | 30                      | 66,150.00                     | 2,236.50                | 68,386.50                   |

### Master's Program Fees

#### Remedial Preparation Program (RRP) Courses

| Cost Per Credit Hour<br>(pre VAT) | VAT 5% | Cost Per Credit Hour<br>(VAT inclusive) |
|-----------------------------------|--------|---|
| 2,100.00                          | 105.00 | 2,205.00                                |

### MBA Program

| Total Credit Hours | Cost Per Credit Hour<br>(pre VAT) | VAT 5% | Cost Per Course<br>(VAT inclusive) | Cost per Course<br>(VAT inclusive) | Tuition for 12 Courses<br>(VAT inclusive) | Incidental Fees<br>(VAT inclusive) | Tuition & Incidental Fees<br>(VAT inclusive) |
|--------------------|-----------------------------------|--------|------------------------------------|------------------------------------|---|------------------------------------|--|
| 36                 | 2,500.00                          | 125.00 | 2,625.00                           | 7,875.00                           | 94,500.00                                 | 2,604.00                           | 97,104.00                                    |

### Master in Information Technology Management (MITM)

| Total Credit Hours | Cost Per Credit Hour<br>(pre VAT) | VAT 5% | Cost Per Course<br>(VAT inclusive) | Cost per Course<br>(VAT inclusive) | Tuition for 12 Courses<br>(VAT inclusive) | Incidental Fees<br>(VAT inclusive) | Tuition & Incidental Fees<br>(VAT inclusive) |
|--------------------|-----------------------------------|--------|------------------------------------|------------------------------------|---|------------------------------------|--|
| 36                 | 2,500.00                          | 125.00 | 2,625.00                           | 7,875.00                           | 94,500.00                                 | 2,604.00                           | 97,104.00                                    |

- All fees in AED (Emirati Dirhams)**
- 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%**
- Prices effective January 1st, 2018 and are inclusive of VAT**

### Faculty of Engineering, Applied Science and Technology

#### Department of Computer Engineering and Computational Sciences

| Accredited Programs  | Fee per Credit Hour | VAT 5% | Fee per Credit Hour | Fee per Course (3CrHrs) | Cr Hrs* per Year | Tuition Fees* per Year | Incidental Fees* | Total Fees* per Year |
|--|---------------------|--------|---------------------|-------------------------|------------------|------------------------|------------------|----------------------|
|  |                     |        |                     |                         |                  |                        |                  |                      |
| Bachelor of Computer and Networking Engineering Technology | 2,150.00            | 107.5  | 2,257.50            | 6,772.50                | 33               | 74,497.50              | 2,236.50         | 76,734.00            |
| Bachelor of Science in Computer Science                    | 2,150.00            | 107.5  | 2,257.50            | 6,772.50                | 27               | 60,952.50              | 2,236.50         | 63,189.00            |
| Bachelor of Science in Software Design                     | 2,150.00            | 107.5  | 2,257.50            | 6,772.50                | 27               | 60,952.50              | 2,236.50         | 63,189.00            |
| Bachelor of Science in Cyber Security                      | 2,150.00            | 107.5  | 2,257.50            | 6,772.50                | 27               | 60,952.50              | 2,236.50         | 63,189.00            |

## Department of Electrical Engineering

| Accredited Programs  | Fee per Credit Hour | VAT 5% | Fee per Credit Hour | Fee per Course (3CrHrs) | Cr Hrs* per Year | Tuition Fees* per Year | Incidental Fees* | Total Fees* per Year |
|--|---------------------|--------|---------------------|-------------------------|------------------|------------------------|------------------|----------------------|
|  |                     |        |                     |                         |                  |                        |                  | Pre VAT              |
| <u>Bachelor of Science in Electrical Engineering - Electronics</u>       | 2,150.00            | 107.5  | 2,257.50            | 6,772.50                | 34               | 76,755.00              | 2,236.50         | 78,991.50            |
| <u>Bachelor of Science in Electrical Engineering - Mechatronics</u>      | 2,150.00            | 107.5  | 2,257.50            | 6,772.50                | 34               | 76,755.00              | 2,236.50         | 78,991.50            |
| <u>Bachelor of Science in Electrical Engineering - Telecommunication</u> | 2,150.00            | 107.5  | 2,257.50            | 6,772.50                | 34               | 76,755.00              | 2,236.50         | 78,991.50            |

## Faculty of Architecture & Interior Design (FAID)

| Accredited Programs   | Fee per Credit Hour | VAT 5% | Fee per Credit Hour | Fee per Course (3CrHrs) | Cr Hrs* per Year | Tuition Fees* per Year | Incidental Fees* | Total Fees* per Year |
|---|---------------------|--------|---------------------|-------------------------|------------------|------------------------|------------------|----------------------|
|   |                     |        |                     |                         |                  |                        |                  | Pre VAT              |
| <u>Bachelor of Architecture</u>                                   | 2,250.00            | 112.5  | 2,362.50            | 7,087.50                | 35               | 82,687.50              | 2,236.50         | 84,924.00            |
| Bachelor of Science in Architectural Studies (BIM/Sustainability) | 2,250.00            | 112.5  | 2,362.50            | 7,087.50                | 35               | 82,687.50              | 2,236.50         | 84,924.00            |

## Department of Interior Design

| Accredited Programs                           | Fee per Credit Hour | VAT 5% | Fee per Credit Hour | Fee per Course (3CrHrs) | Cr Hrs* per Year | Tuition Fees* per Year | Incidental Fees* | Total Fees* per Year |
|---|---------------------|--------|---------------------|-------------------------|------------------|------------------------|------------------|----------------------|
|   |                     |        |                     |                         |                  |                        |                  | Pre VAT              |
| <u>Bachelor of Science in Interior Design</u> | 2,250.00            | 112.5  | 2,362.50            | 7,087.50                | 35               | 82,687.50              | 2,236.50         | 84,924.00            |

- **All fees in AED (Emirati Dirhams)**
- **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%**
- **Prices effective January 1st, 2018 and are inclusive of VAT**

## Incidental Fees

### Undergraduate Incidental Fees

| Incidentals  | Fee<br>(Pre VAT) | VAT 5% | Fee<br>(VAT<br>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)
- Prices effective January 1st, 2018 and are inclusive of VAT
- Student activity fee and Accident Insurance applies in Fall and Spring semester only

### Masters Incidental Fees

| Incidentals  | Fee<br>(Pre VAT) | VAT 5% | Fee<br>(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

### 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)  | 1,600.00                | 80.00                  | 1,680.00                |
| 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   | 300.00                  | 15.00                  | 315.00                  |
| Payment Plan Late Fee  | 500.00                  | 25.00                  | 525.00                  |
| Cheque Bounce Penalty  | 500.00                  | 25.00                  | 525.00                  |
| Prior Learning and Recognition Assessment  | 3000.00<br>(per course) | 150.00<br>(per course) | 3150.00<br>(per course) |
| Prior Learning and Recognition Assessment Appeal   | 500.00<br>(per course)  | 25.00<br>(per course)  | 525.00<br>(per course)  |
| Change of Major / Program  | 300.00                  | 15.00                  | 315.00                  |
| Application for reviewing exam sheet (Grade Appeal)  | 300.00<br>(per course)  | 15.00<br>(per course)  | 315.00<br>(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<br>(per course)  | 15.00<br>(per course)  | 315.00<br>(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<br>(per course)   | 5.00<br>(per course) | 105.00<br>(per course) |
| Graduation Fee                                   | 850.00                   | 42.50                | 892.50                 |
| Graduation Ceremony participation Fee            | 450.00                   | 22.50                | 472.50                 |
| 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*                          | 2,200.00                 | -                    | 2,200.00               |
| 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 effective January 1st, 2018 and are inclusive of VAT
- Seat Reservation Fee/Tuition Deposit are Non-refundable but adjustable towards the tuition fee.
- 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.

#### Non-Credit Course Fees

| Programs                               | Number of Weeks | Cost per Course<br>(Pre VAT) | VAT 5%   | Cost per Course (VAT inclusive) |
|--|-----------------|------------------------------|----------|---------------------------------|
| English for Academic Purposes 101      | 6.5 weeks       | 5,333.30                     | 266.70   | 5,600.00                        |
| English for Academic Purposes 201      | 6.5 weeks       | 5,333.30                     | 266.70   | 5,600.00                        |
| English for Academic Purposes 301      | 6.5 weeks       | 4,172.00                     | 208.00   | 4,380.00                        |
| English for Academic Purposes 401      | 6.5 weeks       | 4,172.00                     | 208.00   | 4,380.00                        |
| Intensive English Program 100          | 15 weeks        | 23,809.52                    | 1,190.48 | 25,000.00                       |
| Intensive English Program 200          | 15 weeks        | 23,809.52                    | 1,190.48 | 25,000.00                       |
| Intensive English Program 300          | 15 weeks        | 23,809.52                    | 1,190.48 | 25,000.00                       |
| Intensive English Program 400          | 15 weeks        | 23,809.52                    | 1,190.48 | 25,000.00                       |
| Intensive English Program 100 (Summer) | 6 weeks         | 11,904.76                    | 595.24   | 12,500.00                       |
| Intensive English Program 200 (Summer) | 6 weeks         | 11,904.76                    | 595.24   | 12,500.00                       |
| Intensive English Program 300 (Summer) | 6 weeks         | 11,904.76                    | 595.24   | 12,500.00                       |
| Intensive English Program 400 (Summer) | 6 weeks         | 11,904.76                    | 595.24   | 12,500.00                       |
| MTH 010                                | 6 weeks         | 3,850                        | 192.50   | 4,042.50                        |
| MTH 011                                | 15 weeks        | 3,850                        | 192.50   | 4,042.50                        |
| MTH 012                                | 15 weeks        | 3,850                        | 192.50   | 4,042.50                        |
| ARA 001                                | 15 weeks        | 3,850                        | 192.50   | 4,042.50                        |
| TOEFL Preparation Course               |                 | 3,465                        | 173.25   | 3,638.25                        |

#### EAP Program Registration & Incidental Fees

| Description      | Rate<br>Pre VAT | VAT | VAT Amount | Total* Amount |
|------------------|-----------------|-----|------------|---------------|
| Registration Fee | 100.00          | 5%  | 5.00       | 105.00        |
| SRFID            | 165.00          | 5%  | 8.25       | 173.25        |
| Total            |                 |     |            | 278.25        |

- All fees in AED (Emirati Dirhams)
- 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%

### 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.

### Refund Policies

#### Undergraduate Refund Policy

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

#### Masters Programs Refund Policy

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**

**\* Terms & 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.

**Overpayment of Tuition**

**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*

## **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:

1. 50% upfront payment and a further 50% payment before the mid semester exams.
2. 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).

## **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.

### **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.

### **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.

### **Alumni Discount**

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

## **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.

## **Government Employee Discount**

### **Undergraduate Government Discount**

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

## **Student Council Executive Members Discount**

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

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

| Student Council Executive Members | Members with other scholarships | Members <i>without</i> other scholarships |
|-----------------------------------|---------------------------------|---|
| President and VP                  | 10% each semester               | 20% each semester                         |
| Other Officers                    | 5% each semester                | 10% each semester                         |

## **Study in Canada and Abroad**

### **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.

#### **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](mailto:apply@cud.ac.ae)

<https://www.cud.ac.ae/international-education/study-canada/other-study-abroad-options>

#### **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



### 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.



### Hong 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>

## 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-boursesoncdn.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 3.0CGPA 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                                    |
|---|---|
| <b>TOEFL</b><br>Test of English as a Foreign Language         | 237 (Computer-based) - 90 (iBT) and no lower than 20 in each band |
| <b>IELTS</b><br>International English Language Testing System | 6.5 overall and no lower than 6.0 in each band                    |
| <b>MELAB</b><br>Michigan English Language Assessment Battery  | 81  |
| <b>CAEL</b><br>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.

### **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.

## **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](mailto:studyabroad@cud.ac.ae).

## **Centre for Continuing Education and Life Long Learning**

### **Continuing Education**

- English Placement Testing
- English for Academic Purposes (EAP) Courses
- Intensive English Program (IEP)
- Mathematics for Academic Purposes Courses
- TOEFL / IELTS Testing

### **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).

### **English for Academic Purposes (EAP)**

#### **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.

#### **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 |
|---|-------------------|----------------|----------------------------|----------------------------------|
| <b>EAP-101-A<br/>(Arabic Stream<br/>Communication Students)</b> | 6                 | 12             | N/A                        | 4.5                              |
| <b>EAP - 101</b>  | 12                | 15             | Below IELTS 4 or TOEFL 400 | 5.0                              |
| <b>EAP - 201</b>  | 12                | 10             | IELTS 4.0 or TOEFL 400-449 | 5.0                              |
| <b>EAP - 301</b>  | 6                 | 12             | IELTS 4.5 or TOEFL 450-499 | 5.0                              |

|                |   |     |                                |     |
|----------------|---|-----|--------------------------------|-----|
| <b>EAP-401</b> | 6 | 6-9 | IELTS 5.0-5.5 or TOEFL 500-550 | 6.0 |
|----------------|---|-----|--------------------------------|-----|

\*Visit the Non- Credit Course Fee Section for current prices

### 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.

### 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.

### 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

### **Intensive English Program**

#### **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.

#### **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](mailto:ConEd@cud.ac.ae) or by calling the recruitment office on +971 (0)4 3219090

#### **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<br>5 days/wk (Sun/Mon/Tue/Wed/Thurs)          | 20 hrs./wk.<br>4 hrs. per class | Below IELTS 3.0 or TOEFL 300   | 4.0                |
| IEP 200 | 15 weeks<br>5 days/wk. (Sun/Mon/Tue/Wed/Thurs)         | 20 hrs./wk.<br>4 hrs. per class | IELTS 3.0-3.5 or TOEFL 300-399 | 4.5                |
| IEP 300 | 15 weeks<br>5 days/wk. (Sun/Mon/Tue/Wed/Thurs)         | 20 hrs./wk.<br>4 hrs. per class | IELTS 4.0 or TOEFL 400-449     | 5.0                |
| IEP 400 | 15 weeks<br>5 days/wk. (Sun/Mon/Tue/Wed/Thurs)         | 20 hrs./wk.<br>4 hrs. per class | IELTS 4.5 or TOEFL 450-499     | 5.5                |

\*Visit the Non- Credit Course Fee Section for current prices

### 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.**

#### **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.**

#### **Mathematics for Academic Purposes**

#### **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.

#### **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\***

|   |                         |                           |
|---|-------------------------|---------------------------|
| <b>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.</b> |                         |                           |
| <b>MTH 010</b>  | <b>9 hours per week</b> | <b>Over 6 Weeks</b>       |
| <b>MTH 011</b>  | <b>3 hours per week</b> | <b>Over full Semester</b> |
| <b>MTH 012</b>  | <b>3 hours per week</b> | <b>Over full Semester</b> |

**\*(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**

#### **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.

#### **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.

## **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.

## **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](http://www.cud.ac.ae/corporate-training)

## **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.

### **Goals & 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.

### **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.

### **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.

## 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

## Academic Administration and Faculty Directory

| TITLE   | FULL NAME                       | POSITION                           | EMAIL  | EXTENSION | DIRECT LINE | OFFICE NO.       |
|---|---------------------------------|------------------------------------|--|-----------|-------------|------------------|
| <b>PRESIDENT'S OFFICE</b>                       |                                 |                                    |  |           |             |                  |
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**FACULTY OF COMMUNICATION, ARTS & SOCIAL SCIENCE (SLAS + SPHHS + SCMS)**

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## **Course Descriptions**

### **ACC 340 Financial Management**

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. **Prerequisite: BSM 200**

### **ACT 112 Principles of Accounting 1**

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. **Prerequisite: None**

### **ACT 212 Principles of Accounting 2**

This course covers modern financial and managerial accounting theory and practices applied to an organization's liabilities, planning, budgeting, and control. Topics include: Organization, capita stock transactions, and dividends, income and corporate income taxes, liabilities, financial statement analysis, managerial accounting concepts and principles, cost behavior and cost-volume-profit analysis, budgeting and differential analysis. **Prerequisite: ACT 112**

### **ACT 310 Management Accounting**

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. **Prerequisite: ACT 212**

### **ACT 315 Digital Forensic**

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. **Prerequisite: ACT-212 & SWS-351**

### **ACT 325    Forensic Accounting**

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. **Prerequisite:** ACT-212

### **ACT 455    Fraud Examination**

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. **Prerequisite:** ACT-451

### **ADV 200    Advertising Copywriting**

The course aims to introduce students to the basic elements of advertising copywriting, with a focus on comparing and analyzing writing styles for different media. Upon completion of this course, the student will be able to describe the various forms and types of advertising copywriting techniques, understand the advertising spiral, research products, develop a sound creative strategy, and carry out a copywriting project for newspaper, magazine, broadcast and electronic media. **Prerequisite:** None

### **ADV 210    Print Advertising**

This course introduces advertising as a marketing tool. It covers the historical development of advertising into the ICT age, advertising techniques in different media, advertising and society issues. It puts emphasis on advertising research. This course has practical aspects presented in the advertising project. **Prerequisite:** None

### **ADV 215    Broadcast Commercials**

This course introduces the students to the aspects of radio and television commercials. It covers various topics including production processes, broadcast advertising as a business, production crew and technical requirements, production and marketing management and relations with clients and agencies. The course puts emphasis on market research. **Prerequisite:** ADV-200.

### **ADV 220    Billboards**

This course introduces students to billboard advertising. Topics covered include billboards and road signs, features of billboards and road signs, production of billboards, traditional and digital billboards. Students also study the effects of billboards on publics and compare between the effectiveness of billboards in comparison with other forms of advertising. **Prerequisite:** ADV-210

### **ADV 230    Digital Advertising**

This course introduces students to the core concepts and practices of online advertising. It examines the

impact of new media and research methods, with an emphasis on current trends. Students learn how to assess the effectiveness of digital advertising, and how to create a successful online ad campaign.

**Prerequisite:** ADV-210

### **ADV 310 Promotional Techniques**

This course aims at introducing students to promotional techniques. It covers the concept of promotion as an advertising and marketing technique as well as planning promotion campaigns. Students also practice developing appropriate messages, selecting appropriate channels and promotional activities in commercial and public-service sectors. Evaluating promotion effects and analyzing case studies are also covered throughout the course. **Prerequisite:** None

### **ADV 315 Integrated Marketing Communications**

This course aims to introducing students to Integrated Marketing Communication. It covers (IMC) theories, combining different IMC forms, handling IMC in advertising, public relations and marketing, and IMC strategies and campaigns. Students will also analyze various case studies as well as carrying out an IMC project. **Prerequisite:** ADV-310

### **ADV 320 Advertising Strategies**

This course introduces the students to the field of advertising strategies, and its concepts and practices. It examines the impact of new media and research methods with an emphasis on integrated communications and the role of adv. agencies. Students will learn how to analyze and assess the effectiveness of various advertising strategies, and how to create a successful advertising strategy.

**Prerequisite:** ADV-210

### **ADV 325 Consumer Behaviour**

This course introduces the students to the general perspectives currently taken in the study of consumer behavior. Emphasis is given to consumer decision processes and the influence of social, cultural and psychological factors and its impact on consumers' behavior. **Prerequisite:** ADV-310

### **ADV 330 Advertising Campaigns**

This course aims at introducing Advertising Campaigns. It covers the topics of advertising strategies in a changing market, branding and identity building and advertising and marketing research. Students also recognize and practice developing advertising content and managing advertising launches through projects and case studies. **Prerequisite:** ADV-210

### **ADV 410 International Advertising**

This course aims to introducing the international advertising process and dynamics, business, ethical and cultural considerations in international advertising. The course puts emphasis on case studies in

international advertising, and research for international advertising and enduring issues in international advertising. The course has practical aspects presented in the projects. **Prerequisite:** ADV-200

#### **ADV 420 Graduation Project in Advertising**

This is the capstone course for the Advertising. 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. Working individually and/or in teams, students will produce an Advertising campaign/project, related to a “real-world” case study that will be provided and co-supervised by professionals from an appointed reputable international Advertising agency. **Prerequisite:** Graduating Semester or YR4

#### **AIMC 200 Principles of Advertising and Integrated Marketing Communications**

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. **Prerequisite: None**

#### **AIMC 210 Audience Perceptions and Insights**

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. **Prerequisite: MCM-110 & (AIMC 200/PRA 200/ DMP 200)**

#### **AIMC 220 Research, Measurement and Metrics**

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. **Prerequisite: MCM-140 & AIMC 200**

#### **AIMC 305 Rhetoric and Strategic Writing**

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. ***Prerequisite: MCM-200 & AIMC-200***

### **AIMC 315 Creative Advertising Strategies**

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. ***Prerequisite: MCM-250 & AIMC-200***

### **AIMC 418 Communication and Media Planning Strategies**

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. ***Prerequisite:***

***DMJ 220 or AIMC 220 or PRA 220***

### **AIMC 425 AIMC Capstone Project**

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.

***Prerequisite: AIMC-418***

### **AIMC 430 E-Portfolio & Internship II for AIMC**

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.

***Prerequisite: MCM-431***

### **ARC-232 Site Planning & Landscape**

**3-0-3**

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 develops the basic environmental knowledge gained in DES-231 Sustainability of Buildings, and Site explorations of DES-261 and it 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. ***Pre-requisite: None***

**ARC-242                  Advanced Construction and Design Integration                  2-2-3**

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). ***Pre-requisite: DES-241***

**ARC-262                  Design Methods (Studio)                  3-6-6**

ARC-262 Design Methods is a further strengthening of the design capacity that was developed in DES-261. It aims at enhancing a deeper exploration of the design process and at achieving a structured

application of the detailed activities of analysis and 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 incorporation, in the formulation of design solutions, the relevant knowledge of sustainability and the basic principles of sustainable design, history and construction, thoroughly analyzing generic design problems, elaborating space programs, formulating creative solutions, elaborating their intent in detail and finally creatively representing them. The course builds on the development of structured design explorations in DES-261 to address subsequent specialized and bigger problems in year 3 and is utilizing knowledge of construction systems and contemporary history taken at the same semester. It progresses in architectural projects including submissions on problem analysis, concept formulation and 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. ***Pre-requisite: DES-261***

**ARC-272                  Building Information Modeling                  2-2-3**

The course represents a response to the emerging advanced modeling technologies in the practice of Architecture and Interior Design. The aim of this course is to develop a comprehensive insight and understanding of the concept of Building Information Modeling (BIM) and the methodologies involved with planning with BIM. Students will develop an understanding of how BIM accompanies a building from the first design considerations; through the entire planning and construction process; the lifecycle of the building; until the final demolition of the building. The course introduces various software applications dealing with different aspects of BIM. Strategies of Information Sharing, Evolutionary Planning rather than Revolutionary Planning, and open File Exchange standards will be discussed. Students will have access to various software applications supporting the BIM model. This course builds upon the introductory level computer course DES-271 where students will have their first interaction with CAD 2D and 3D platforms and introduces 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). The course will be based on theoretical investigation and practical simulations and focuses on the integration of building information to facilitate comprehensive flow of information technological aspects of building construction. The course will facilitate innovative and time saving applications benefiting future design courses and thesis work. ***Pre-requisite: DES-271***

**ARC-321                  Research & Design Applications                  3-0-3**

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. ***Pre-requisite: ARC-262 & LNG-173***

**ARC-342 Advanced Environmental Systems & Design Integration                  2-2-3**

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. ***Pre-requisite: DES-341 & ARC-242***

**ARC-343 Structures 1                  3-0-3**

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. **Pre-requisite: MTH-112, SCI-101 & ARC-242**

|                |                     |              |
|----------------|---------------------|--------------|
| <b>ARC-344</b> | <b>Structures 2</b> | <b>3-0-3</b> |
|----------------|---------------------|--------------|

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. **Pre-requisite: ARC-343**

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|----------------|--------------------------------------|--------------|
| <b>ARC-361</b> | <b>Environmental Design (Studio)</b> | <b>3-6-6</b> |
|----------------|--------------------------------------|--------------|

ARC-361 Environmental Design 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 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, 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 the development and refinement of design briefs, the creative formulation, detailed elaboration and presentation of design proposals. The course leads to ARC-362 focusing on the integration of building systems and is links directly to knowledge of structure (ARC 343) and environmental systems (DES 341) taken at the same semester. 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. **Pre-requisite: ARC-262 & DES-222**

**ARC-345              GIS Applications in Architecture              3-0-3**

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. **Pre-requisite: ARC-342 or IND-342**

**ARC-362              Design Studio – Housing              3-6-6**

ARC-362 Design Studio-Housing represents an advanced architectural design thinking focusing on a specialized typology. It 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 this typology 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 alternatives and finally the connections between housing developments and their city and urban context. Finally, third, the course focuses on enhancing advanced skills in developing housing briefs, formulating solutions to complex housing problems and elaborating them in detail and representing them to convey their design intent. The course leads to the 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 Analytical Phase (training, programming, data collection) to Creative Phase (Analysis, Synthesis, development). And conclude with the Executive 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 Analytical Phase. Critical skills in evaluation, judgement,

deductive reasoning and decision in the Creative Phase. And professional competencies such as description, translation and transmission in the Executive Phase. To achieve this and in addition to the briefing and design activities, the course incorporates lectures, presentations, seminars, critique and site visits. **Pre-requisite: ARC-361, 343, 272**

**ARC-431                  Planning & Urban Design                  3-0-3**

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. **Pre-requisite: ARC-362**

**ARC-432                  Vernacular Architecture and Conservation                  3-0-3**

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. **Pre-requisite: DES-222**

**ARC-433                   Urban Studies Seminar                   3-0-3**

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 as a school elective 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. **Pre-requisite: ARC-431**

**ARC-441                   Building Code                   3-0-3**

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. **Pre-requisite: ARC-362 & DES-371**

**ARC-451                  Professional Practice & Project Management                  3-0-3**

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 & 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. **Pre-requisite: ARC-362**

**ARC-461                  Urban Study (Studio)                  3-6-6**

ARC-461 represents the seventh specialized preparation studio in the architectural curriculum focusing on urban design. It 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 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 general and specialized design studios and provides the urban theoretical framework for deeper investigations anticipated in the integrated and institutional studios and final graduation project. Similarly, the course is linked to ARC-431 taken at the same semester to establish a comprehensive base for the following studios and final project linking the specificity of the selected project to the general urban considerations. 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 brief and a master plan to establish the general urban design directions. The project is then elaborated in detail 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. ***Pre-requisite: ARC-321, ARC-362 & Co-431***

**ARC-462                  Integrated Design (Studio)                  3-6-6**

ARC-462 Integrated Design 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. 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. The course is the last of design studios focusing on general typologies and leads to advanced design studios focusing on specific building types. It is utilizing knowledge of structural design, environmental systems and working drawings taken earlier. It progresses in a project including submissions on problem analysis, concept design and final detailed design addressing building systems. 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. ***Pre-requisite: ARC-461, 342, 344 & 272***

**ARC-521                  Research & Design Explorations                  3-0-3**

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. ***Pre-requisite:***

**ARC-441 & ARC-321**

**ARC-541                      Construction Economics**

**3-0-3**

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. ***Pre-requisite: ARC-451***

**ARC-561                      Design Studio – Institutional**

**3-6-6**

This advanced Design Studio 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 and historic architectural approaches and theoretical considerations. 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. ***Pre-requisite: ARC-462 & 342***

|                |   |              |
|----------------|---|--------------|
| <b>ARC-562</b> | <b>Senior Project – Design (Studio)</b> | <b>3-6-6</b> |
|----------------|---|--------------|

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.

***Pre-requisite: ARC-521, ARC-432, ARC-541, ARC-344 & DES-351.***

**ARCH 300    Structures 1**

The course focuses on the application of classical mechanics to simple structures in terms of: forces, moments, equilibrium, building loads and code requirements, analysis of cables, beams, trusses and frames. The second section of the course is concerned with structural/architectural design process, structural elements and systems and their performance in architectural/structural design: structural properties of materials, basic strains and stresses, structural design methods, analysis/design of tension systems and members, analysis and design of beams, column collapse behavior, and soil and foundation design. **Prerequisite:** MTH-112

### **ARCH 301 Structures 2**

A series of lectures, complemented by assignments, case studies and tests supported by a visit(s) to construction sites. The course is primarily concerned with reinforced concrete structural design and foundation design, and examines lateral loading and load-resisting systems of the building structure. Students undertake individual exercises and assignments and present comparative analyses of reinforced concrete framing systems in class. The course concludes with the design of typical reinforced concrete elements within a structural framework. **Prerequisite:** ARCH-300

### **ARCH 330 Environmental Design**

Throughout the academic year three specific themes are engaged: design brief and use, site and environment, and construction and materials. Studio exercises, individual assignments and design projects each emphasize the investigation and assessment of such themes in addition to addressing various design factors that include human safety, ease of accessibility, sustainability and urban context. Specified studio design projects are coordinated with the corresponding subject areas and projects in the required courses concerning Environmental Systems and Design Integration, and Structures.

**Prerequisite:** DESI-221

### **ARCH 331 Integrated Design**

Throughout the academic year three specific themes are engaged: design brief and use, site and environment, and construction and materials. Studio exercises, individual assignments and design projects each emphasize the investigation and assessment of such themes in addition to addressing various design factors that include human safety, ease of accessibility, sustainability and urban context. Specified studio design projects are coordinated with the corresponding subject areas and projects in the required courses concerning Environmental Systems and Design Integration, and Structures.

**Prerequisite:** ARCH-330

### **ARCH 360 Architectural Conservation and Heritage**

This course comprises a series of lectures, complemented by assignments, case studies and site investigations. The principles of architectural conservation are outlined against the context of international discussion, controversy and debate. Successful case studies each within an historical and cultural context refer to various strategies and tactics of implementation. Students learn in situ

surveying and measurement techniques in addition to fabric condition assessment. The term project embodies an historic building requiring restoration preceded by an appropriate work methodology.

**Prerequisite:** HISD-202

#### **ARCH 421     Architecture of the Islamic World**

The course is an examination and analysis of architecture and its evolution in countries predominated by Islam. It deals with a time span from the early beginnings of Islam to the contemporary architecture, and covers the region from Spain to Indonesia. The objective of the course is to enhance understanding of the relationship between Islam and architecture, religious and secular. Individual buildings, as well as, overall (geometric) patterns will be investigated. Examinations of the individual examples will focus on analyzing the architectural properties in line with the wider cultural and historical climate within which they were generated. The examinations will enable formulating a general background against which critical analysis can be undertaken on selected topics. There will be two groups of such analyses. The first will deal with some selected issues in architecture including geometry, the private and the public and the overall spatial organization. These will be examined across building types covering different times and different places. The second will deal with the overall characteristics of selected building types (civic and religious). The examinations will lead to a formulation of a general framework about general architectural typologies in the Islamic World. To achieve the objectives of this course a varied range of learning technologies will be utilized. These will include individual research, assignments, presentations and applications. **Prerequisite:** ARCH-331

#### **ARCH 422     Research and Design Applications**

The course is an exploration of the relationship between Research and Design. It focuses on a critical approach towards understanding and creating architecture. Notable examples of design will be examined and these will be linked to wider theoretical perspectives. The aim is to expand knowledge on the critical investigation of Architecture + Interior Design. Definitions and distinctions between Research and Design will be established and the main principles will be introduced. Research problems, objectives, Methodology, Research Methods and the Derivation and Presentation of Conclusions will be discussed. Structured series of examinations of selected examples will focus on specific topics and on linking the individual case to the wider context. These will be selected to attain a progression of building types matched by a progression of research methods (Literature analysis, Surveys, questionnaires and interviews). The course will include lectures, assignments, projects and site visits. **Prerequisite:** ARCH-331

#### **ARCH 430     Architecture and Ecology**

In this course, through lectures and presentations, the ecological systems that connect with architectural theory and practice are analyzed in the context of a number of factors, many of which embody current and future problems. Human physiology, the occupation of space, and principles of sustainability are

further examined against energy consumption, environmental degradation, life cycles of materials and products, and valid interior and exterior design strategies. Assignments will address these key criteria including a major integrated project. **Prerequisite:** ARCH-331 or INDE-330

#### **ARCH 431 Planning and Urban Design**

This course is an introduction into Planning and Urban Design. It focuses on connections between urban form and the general cultural and socio-economic context. It will introduce both basic concepts of Planning and Urban Design as developed in relevant theories and specific methods of examining and developing proposals for particular design contexts. The aim of the course is to create awareness and an understanding of the basic principles of City Planning and Urban Design. It aims at facilitating critical approaches towards understanding, examining and proposing directions towards solutions at the urban context. The course will start by introducing and examining a historical development of planning theory highlighting the main issues and approaches towards them. The course will proceed to introduce the subject of urban design highlighting the main trends and the basic concepts. Having established the general theoretical framework, specific methods are introduced. These will cover ways of examining urban contexts as well as those relating to the formulation of solutions to specific urban design problems. **Prerequisite:** ARCH-331

#### **ARCH 443 Design Studio - Institutional**

This advanced Design Studio explores complex, specialized and large design problems. It focuses on the detailed examination of institutional building types (Educational, Health and Corporate...). The course connects the development of design skills to the specialized knowledge of building types. Design projects are viewed as contexts to address, analyze and question wider issues relating to the specialized use. The aim is to enhance the capacity of addressing such complex design problems. To achieve this aim, theoretical investigations and design applications will explore; Typology, The Particularity of building types (functional components and design properties), Design Approaches, and Universal Design Principles. An emphasis will be placed upon brief formulation and the reformulation of design problems. The course will engage a wide variety of learning modes including self-study and group-work. Both will approach design with a research orientation. **Prerequisite:** ARCH-331

#### **ARCH 444 Design Studio - Housing**

This studio based course is about urban housing developments. It focuses on the issues, problems and design thinking relating to this specific building type. The aim of the course is concerned with introducing knowledge on the particularity of housing design in addition to applying this in specific circumstances. The course is composed of two inter-related components – A progressive introduction of housing principles and a parallel application on a specific design project. It will introduce an overview of historic, present and future trends in housing design. It investigates problems associated with use and with the wider urban context. It introduces specific design strategies. It focuses on investigations relating to the

users satisfactions. The housing project will be approached through varied analyses focusing on brief formulation, typologies, context and users, evaluation of design alternatives and elaborations of solutions. The course is characterized by a balanced integration between theory and application and between design and research. This course is characterized by a holistic approach to design taking into consideration social, cultural, economic, environmental, theoretical and technical considerations.

**Prerequisite:** ARCH-331

#### **ARCH 456 Building Code**

This course focuses on Building Codes and their impact on building design. The course will focus on international Building Codes, local building codes, as well as, the cross relationship between them. The course demonstrates the impact of building codes on the selection of structural and non-structural elements. The course builds on previously acquired knowledge in the areas of design, structure, construction, and environmental systems. Starting from the International Building Codes this course discusses the regulatory context in which activities relating to the built environment are addressed. The aim is to enhance understanding of the impact of codes on the design of buildings. It addresses the tension between design idea (I) s and real limitations imposed by Building Codes. Aspects of safety, health, energy efficiency, zoning and other code areas will be covered. Emphasis is placed on combining theoretical guidelines with practical applications. **Prerequisite:** ARCH-331

#### **ARCH 480 Construction Technology 1**

In this course building construction is examined through the medium of Construction Technology and in the context of work on site. The built environment in general and buildings in particular, are re-examined in the context of in situ operations concerning site preparation, sub-structure and super-structure works. It addresses the methods to identify and appraise appropriate contract planning, plant, machinery and construction systems in relation to delivering a building to specification that meets the building and site safety codes. **Prerequisite:** ARCH-330 or INDE-330

#### **ARCH 485 Construction Economics**

Through lectures and presentations, the building procurement process is further examined in the context of financial planning and forecasting at the programming, outline proposals and production drawings stages, through to tender action. The tender documentation options concerning drawings, specifications and schedules, and bills of quantities are targeted. In situ operations concerning site preparation, sub-structure and super-structure works are examined from various financial standpoints: economics of construction and services, cost limits, cost indices cost planning and applications. Students identify and appraise appropriate financial planning which is targeted toward construction systems, timescales and quality of building performance. **Prerequisite:** ARCH-330 or INDE-330

#### **ARCH 495 Principles of Landscape Design 1**

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. **Prerequisite:** ARCH-330 or INDE-330

#### **ARCH 496 Principles of Landscape Design 2**

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. **Prerequisite:** ARCH-495

#### **ARCH 540 Senior Project - Urban Study**

This studio course comprises a series of lectures complemented by assignments, case studies, site investigations and group study project. The work is primarily concerned with an urban study of a significant site or sites in the UAE or elsewhere. Students will survey and research the urban character and setting, identify and assess the environmental factors influencing the geographical location, and critically appraise key problems affecting the site and neighborhood, before establishing an urban strategy based on determining human, environmental and developmental targets. A final presentation to a jury comprising academics and practitioners will be mandatory. In addition, each student will identify an appropriate building type based on the urban study strategy and will prepare a program and feasibility study to be utilized in the Senior Project – Design, ARCH 441. **Prerequisite:** ARCH-444 and ARCH-431

#### **ARCH 541 Senior Project - Design**

The second of two courses that are structured toward delivery of the student's final design project, ARCH 441 is essentially concerned with the finalizing of a design process which commenced with investigative studies at urban level (ARCH 440), paralleled by the completion of a dissertation (ARCH 470) 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 career orientation. Consequently this should be regarded as a capstone course, which will reflect a thorough and independent understanding of the process of integrated architectural design while indicating professional aptitude and abilities. The course will conclude with presentations to a professional jury, the Senior Project Committee. **Prerequisite:** ARCH-540

#### **ARCH 570 Research Topic**

Students in this course develop their knowledge of an appropriate area of the curriculum through systematic research under the supervision of a member of faculty. An illustrated dissertation of between eight and ten thousand words is the tangible result of focused study into a subject area that may identify with the building type chosen for the Senior Project - Design, ARCH 441. The final document will be bound and accurately laid-out in terms of format and convention, which describes creditably and

succinctly a subject worthy of research and recording. **Prerequisite:** ARCH-331

**BCS-101                  Elements of Computing**

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. **Pre-requisite None**

**BCS-102                  Introduction to Computing Science I**

Introduction to design and analysis of algorithms. Control structures: recursion, backtracking, exits. Data structures: structures, sequences, linked lists and references, binary search trees. Elementary searching and sorting. Introduction to assertions and loop invariants. Introduction to order-of-magnitude complexity. Introduction to numerical computation. Documentation, testing and debugging. **Pre-requisite BCS-101**

**BCS-201                  Logic for Computing Science**

Elements of mathematical logic with computing applications. Formal proof systems for propositional and predicate logic. Interpretations, and satisfiability. Introduction to soundness, completeness and decidability. **Pre-requisite MTH-120**

**BCS-202**

### **Introduction to Computing Science II**

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. **Pre-requisite BCS-102**

**BCS-203**

### **Software Specifications**

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. **Pre-requisite BCS-201, BCS-202**

**BCS-204**

### **System-Level Programming**

Basic concepts of Unix-like systems. Shells and scripting. System-level programming in the C language. Software development tools and techniques. **Pre-requisite BCS-102**

**BCS-205**

### **Programming Paradigms**

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. **Pre-requisite BCS-202, BCS-201**

**BCS-206**

### **Information Structures**

Design and implementation of advanced data structures and related algorithms, including correctness and complexity analysis. Efficient implementation of lists, sets, dictionaries, priority queues, trees, graphs, and networks using arrays, hash tables, heaps, and hierarchical linked structures. String and graph problems, such as string matching and shortest path. External storage and input-output complexity. **Pre-requisite BCS-202, MTH-203**

**BCS-301**

### **Operating Systems**

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. ***Pre-requisite: ENG-210, BCS -206***

**BCS-302                    Scientific Computing**

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. ***Pre-requisite BCS-102, MTH-114***

**BCS-303                    Security Principles and Practices**

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.

***Pre-requisite: BCS-206***

**BCS-304                    Data Mining**

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. ***Pre-requisite: MTH-114, MTH-130, MTH-203, BCS -202***

**BCS-305                    Software Architecture**

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. ***Pre-requisite BCS-203, BCS-206***

**BCS 306 -                   Database Management Systems**

Data models: relational, entity-relationship. Relational query languages: relational algebra and SQL. Relational database design. Application interfaces and embedded SQL. Storage and indexing. ***Pre-requisite: BCS-201, BCS-202 or SWS-316***

**BCS-307                  Digital Systems**

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. ***Pre-requisite: ENG-210***

**BCS-308 Communication Networks**

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. ***Pre-requisite: BCS-301***

**BCS-309                  Algorithms I**

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, Hash tables and Heaps, 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. ***Pre-requisite: BCS-201, BCS-206***

**BCS-400                  Network Operating Systems**

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. ***Pre-requisite: BCS-301***

**401 -                  Ethics for Computing Professionals**

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. ***Pre-requisite: None***

**BCS-402                  Computability and Complexity**

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.

**Pre-requisite:** BCS-203, BCS -309

**BCS-403                  Advanced Database Systems**

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. **Pre-requisite:** BCS-206, BCS-306

**BCS-405                  Artificial Intelligence**

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.

**Pre-requisite:** BCS-206, BCS-205

**BCS-406                  Computer Graphics**

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. **Pre-requisite:** BCS-206, MTH-114

**BCS-410 Computer Science Project**

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. **Pre-requisite:** Completed 90 Cr.H

**BIO 100        Unifying Life Processes**

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. **Prerequisite:** None

**BIO 101                  Biology I**

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. **Pre-requisite** None

**BIO 202                      Biology II**

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. **Pre-requisite** BIO-101

**BIM-441                      Building Information Modeling and Quantification                      2-2-3**

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 3d party applications optimized for quantification and data analysis. The course draws upon and advances on knowledge and skills previously gathered in ARC 272-Introduction 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. **Pre-requisite: 300 series**

**BIM-461                      BIM Specialized Design Studio**

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. ***Pre-requisite: 300 series***

**BIM-462                    BIM Senior Project– Design (Studio)**

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. ***Pre-requisite: BIM-461***

**BIM-444                    MEP Modelling**

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. *Pre-requisite: 300 series*

**BIM-442                  BIM Simulation & Parametric Design**

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 4<sup>th</sup> 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. *Pre-requisite: 300 series*

**BIM-443                  Building Information Management**

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 4<sup>th</sup> 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. *Pre-requisite: 300 series*

**BSM 100      The New Business: From Idea to Reality**

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. ***Prerequisite: None***

**BSM 200 The Growing Business: Breaking Even**

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.

***Prerequisite: BSM-100***

**BSD-310 Game Design**

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.

***Pre-requisite: BCS-202, BCS-206***

**BSD-311 Human Computer Interaction**

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.

***Pre-requisite: BCS-206***

**BSD-312 Software Quality**

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. ***Pre-requisite: BCS-204***

**BSD-313 Advanced User Interface Design**

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. ***Pre-requisite: BSD-311***

**BSD-402 Formal Methods**

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. ***Pre-requisite: BCS-304***

**BSD-403              Software Requirements**

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. ***Pre-requisite: BCS-304***

**BSD-404              Algorithms II**

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. ***Pre-requisite: BCS -203, BCS -309***

**BSD-410              Software Design Project**

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. ***Pre-requisite: Completed 90 Cr.H***

**BSM 300    The Mature Business**

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.

***Prerequisite: BSM-200***

**BUS 110    Fundamentals of Business and Information Systems**

This course provides the learner with an overview of the role of Networking technologies and information systems and business interaction. Emphasis is given to Management Information Systems

and Supply Chain Management. Topics include: Introduction to Business, Ways of Organizing Businesses, Production and Materials Management, Human Resources, Management and Information Systems, Enterprise Wide Systems, Customer Relationship Management, Supply Chain Management, Information Systems Security and Controls. **Prerequisite:** None **Equivalent:** SWS-351

### **BUS 111 Marketing of Services**

This course focuses on strategic considerations in the marketing of services. The primary emphasis is on those strategies designed for service-dominated products, particularly those related to professional services, including information technology. Students address the needs and wants of customers, both internal and external to the firm, within the framework of long-term relationship management. Special attention is devoted to the sometimes competing demands of the marketplace vs. corporate efficiencies and to the interdisciplinary imperative in services marketing strategy development. **Prerequisite:** None **Equivalent:** MKT-201

### **BUS 120 Financial Analysis**

This course covers the financial and managerial techniques used to budget, monitor, and evaluate projects, departments, and organizations. The course focuses on how internal stakeholders use financial information within an organization to plan, monitor and evaluate activities. Cost behaviors and reporting techniques will be examined for their influence on managerial decision-making. Analysis templates will be developed using spreadsheet software. Common decision making metrics will be examined for their underlying assumptions and limitations and will be applied to appropriate types of planning and operational decisions. **Prerequisite:** BUS-110

### **BUS 205 Social & Digital Media**

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. **Prerequisite:** None

### **BUS 212 Organizational and Client Relationships**

Technical and professional knowledge is only one component of the skill set required to succeed in the new economy. Today's organizations require individuals to demonstrate soft-skills which address the complex relationships which are essential to working productively and effectively. In order for both the organization and the individual to be successful, employees must be able to effectively communicate their specialized knowledge and provide support and service to facilitate the work of others. This requires the individual to master and demonstrate the skills of professional verbal communications, effective listening, customer service, and conflict resolution. **Prerequisite:** None

### **BUS 310 Project Management**

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. Project Procurement Management.

***Pre-Requisite:*** Completion of 60 Credit Hrs.

### **BUS 311    Engineering Economy**

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. **Prerequisite:** MTH-130

## **BUS 312 Business Consulting**

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. **Prerequisite:** BUS-111 OR YR4 (final semester)

**Equivalent:** EBU-450

## **BUS 400 Internship**

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. **Prerequisite:** YR 4 (90 Cr.H) and minimum CGPA 2.0

## **CMN 210 Text, Image & Sound**

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. **Prerequisite: None**

## **CMN 211 Language and Power**

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. **Prerequisite: CMN-210**

## **CMN 269 Countercultural Communication**

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. **Prerequisite: CMN-211**

### **CMN 279    Introduction to Professional Communication**

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. **Prerequisite: None**

### **CMN 305    Strategic Public Relation**

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. **Prerequisite: None**

### **CMN 313    Organizational problem Solving/ Report Writing**

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. **Prerequisite: CMN 210**

### **CMN 402    Theorizing Communication**

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. **Prerequisite: None**

### **CMN 448    Introduction to Visual Communication**

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. **Prerequisite: CMN 210**

### **CMN 450    Participatory Media Communication**

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. **Prerequisite:** *None*

### **CMN 470 Risk and Crisis Communication**

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. **Prerequisite:** *RTA-402*

### **COM 310 Coding and Information Theory**

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. **Prerequisite:** *MTH-130*

### **COM 311 Signals and Systems**

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. **Prerequisite:** *MTH-220*

### **COM 320 Communication Systems**

This course provides a balanced coverage of analog communication systems with focus on design. Topics include: communication signals and spectra, amplitude modulation, phase and frequency modulations, random signals and noise, and noise in analog modulation.

### **COM 320 Telecommunications**

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, band pass transmission, digital modulations (ASK, FSK, PSK and quadrature shift keying). **Prerequisite:** COM-201, COM-311 Co-Requisite: ENG-311

### **COM 321 Advanced Programming in Telecommunications**

This course focuses on implementing telecommunication protocols and network applications. It proposes Java as an 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).

**Prerequisite:** NET-120

### **COM 322 Applied Electromagnetics**

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. Topics include: Plane-Wave Propagation, Reflection, Transmission, Antenna Principles, Antenna parameters, practical dipoles, 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, wideband and ultra-wideband effects, Single-mode Fibers, Dispersion and compensation, Software for Applied Electromagnetics. **Prerequisite:** ENG-222

### **COM 323 Digital Filter Design**

This course focuses on the design of digital filters. It covers various filters and design methods. After reviewing the main elements of signals and systems, it covers topics such as: Design of Nonrecursive Filters (FIR), Approximations for Analog Filters, Design of Recursive Filters (IIR), Filters Satisfying Prescribed Specifications, Effects of Finite Word Length in Digital Filters, Optimization Methods, Wave Digital Filters, Multirate digital signal processing, Design of adaptive digital filters, Spectral analysis and estimation and Linear prediction and optimum linear filters. DSP and their applications. Matlab and Simulink. **Prerequisite:** COM-311

### **COM 325 Micro-Controlling and Processing**

This course provides basic elements for designing and implementing digital circuit interfaces between a computing system and peripheral devices. Topics include: Design process of digital systems, Microcomputer architectures and buses, Internal organization of computer systems, Input/output and memory interfacing, Interfacing to the external world, Parallel and serial interfacing, Design specification and verification. **Prerequisite:** ENG-311

### **COM 410 Optical Communications and Networks**

This course provides the students with an overview of optical communication systems and networks. Topics include: Optical Sources, filters and Amplifiers, Laser and Detectors, Couplers and Connectors; Distribution Networks, Optical Modulation, Multiplexing Techniques, System Design and Trends in

optical systems.

### **COM 411 Digital Filter Design**

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. **Prerequisite:** MTH-220

### **COM 412 Digital Communications**

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. **Prerequisite:** COM-320 Co-Requisite: COM-322

### **COM 413 Communication Systems**

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. Co-requisite: COM-322 LecT **Prerequisites:** COM-320

### **COM 420 Optical Communications**

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. Co-requisite: COM-322 LecT **Prerequisite:** COM-320 LecT

### **COM 421 RFID Technology**

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 **Prerequisites:** COM-320 LecT, COM-321 LecT, COM-322 LecT

### **COM 425 Coding and Information Theory**

This course introduces the theory and practice of coding and information theory for applications in the

communication field. No prior background in coding or information theory is assumed. Topics include Discrete Sources, Channels and Channel Capacity, Run-Length-Limited Codes, Linear, Cyclic and Convolutional Coding techniques, Information Theory and Cryptography and Shannon's Coding Theorems. **Prerequisite:** COM-412

### **COM 427     Satellite Communications**

This course provides an introduction to satellite communications. Topics include: orbital mechanics, satellite design and launch, configuration and installation of earth stations, implementation of communication links, and the set-up of the satellite network. **Prerequisite:** COM 322 AND COM-412

### **CRI 100     Creative Industries Overview**

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. **Prerequisite: None**

## **CRI 200 IP Issues in the Digital Age**

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. *Prerequisite: CRI 100*

## **CRI 300 Digital Design Studio**

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.

*Prerequisite: CRI 200*

## **CRI 301 The Creative Process**

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. *Prerequisite: CRI 200*

## **CRI 340 Global Entertainment Marketplace**

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. *Prerequisite: None*

## **CRI 350 Art and Business of Gaming**

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. ***Prerequisite: None***

#### **CRI 400 Entrepreneurship in Creative Industries**

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. ***Prerequisite: CRI 200***

#### **CRI 402 HR in Creative Industries**

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. ***Prerequisite: CRI-301, BSM-300***

#### **CRI 403 Creative Industries Research Methodology**

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.

***Prerequisite: CRI 301***

#### **CRI 404 Managing Creative Enterprises**

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. **Prerequisite: CRI-400, 402, 403**

#### **CRI 405 Studies in Creative Collaboration**

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. **Prerequisite: CRI-402**

#### **CRI 406 Global Licensing/Distribution Agreements**

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.

**Prerequisite: None**

#### **CRI 420 Media Regulation and Communication Policy**

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 subsidies and human rights.

Recommended only for students in third or fourth year **Prerequisite: None**

#### **CRI 430 Canadian Media/Entertainment Industries**

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. **Prerequisite: None**

#### **CRI 461 Big Night Project**

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 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. ***Prerequisite: Completion of 90 Cr Hrs***

**CRI 475 Internship**

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. ***Prerequisite: Completion 90 Cr.H. and 2.0 CGPA or more***

**CYS-311 Security Threats and Risk Analysis**

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. ***Pre-requisite: BCS-303***

**CYS-312 Cryptographic Algorithms and Protocols**

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. ***Pre-requisite: BCS-203, BCS-204, BCS-303, BCS-309 (co)***

**CYS-411 Engineering Secure Software**

This course provides a foundation for building secure software by integrating security principles in to 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. ***Pre-requisite: CYS-312***

**CYS-412                  Mobile and Wireless Security**

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. ***Pre-requisite: CYS 411,***

***BCS 308***

**CYS-413                  Web Application Security and Testing**

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. ***Pre-requisite: CYS 411***

**CYS-414                  Penetration Testing and Ethical Hacking**

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. ***Pre-requisite: CYS 411***

**CYS-415                  Malicious Software**

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. ***Pre-requisite: CYS 411***

**CYS-416                  Human and Organizational Security**

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. **Pre-requisite: BCS-303**

### **DES 121      Design Theory**

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. 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. **Prerequisite: None**

### **DES-121                  Design Theory                  3-0-3**

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. **Co-requisite: DES 161 & 171**

### **DES-122                  Human Factors                  3-0-3**

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. ***Co-requisite: DES 162 & 172***

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| <b>DES-161</b> | <b>Introduction to Design (Studio)</b> | <b>2-4-4</b> |
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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, the design elements and principles and their manifestations in natural and man-made contexts are explored. The course prepares students for DES-162 addressing small-scale generic design problems. 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. ***Co-requisite: DES 121 & 171***

|                |  |              |
|----------------|--|--------------|
| <b>DES-162</b> | <b>Fundamentals of Design (Studio)</b> | <b>2-4-4</b> |
|----------------|--|--------------|

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. Its main focus is on analyzing design problems, identifying their particularity and on formulating, elaborating and representing solutions that capture such a particularity. The course, in addressing functionality follows DES-161 wherein abstract 2D and 3D explorations were emphasized. 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. ***Pre-requisite/Co-requisite DES-161, DES-121 & DES-171 & Co-DES 122 & 172***

**DES-171                    Drafting & Modeling                    2-2-3**

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 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.

***Co-requisite: DES 121 & 161***

**DES-172****Freehand Drawing & Rendering****2-2-3**

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. **Co-requisite: DES 122 & 161**

**DES 221 History of Architecture and Design**

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 19<sup>th</sup> 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 progresses in describing the early formulations to Mesopotamia, Egypt, Greek, Roman, Byzantine, Romanesque, Gothic, Renaissance, Baroque and the 18<sup>th</sup> century. To achieve this and in addition to lectures, presentations, seminars and research assignments are utilized. **Prerequisite: LNG-171 & DES-121**

**DES-222****History of Architecture and Interior Design 2****3-0-3**

DES-222 addresses the significance of contemporary architecture and interior design since the 19<sup>th</sup> century. It aims at enhancing knowledge about the language of Western Architecture & 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. ***Pre-requisite: DES-221***

**DES-231                    Sustainability of Buildings                    3-0-3**

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. ***Pre-requisite: DES-162***

**DES-241                    Construction and Design Integration                    2-2-3**

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. ***Pre-requisite DES-162***

**DES-261                  Design Principles (Studio)                  3-6-6**

DES-261 represents the foundations for a comprehensive design thinking wherein the design process and criticality are to be formalized. It aims at enhancing the capacity to address small-scale design problems in a comprehensive manner. It emphasizes; creating an awareness about the cultural and natural factors surrounding design; the incorporation, in the formulation of design solutions, the basic knowledge of sustainability, human factors and materials; Addressing and refining space requirements; formulating creative solutions, elaborating detailed design intent and finally creatively representing design analysis and their outcomes. The course builds on earlier small-scale design explorations to lead to subsequent specialized and bigger problems and is utilizing knowledge of sustainability and construction taken at the same semester. It progresses in interior design and architectural projects addressing residential and public functions. These include submissions on problem analysis (functional, site, symbolic, precedents), concept formulation and 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. ***Pre-requisite DES-162, DES-122 & DES-172***

**DES-271                  Computer Aided Design                  2-2-3**

This course represents the foundation for utilizing digital representation in the practice of architecture and interior design. It aims at developing the capacity to use graphic drafting and modeling techniques in describing design problems, analysis and solutions. In particular, it enables; creating a general awareness about the value of such techniques; enhancing understanding of the main concepts and developing the skills of utilizing their related tools in creating and manipulating 2D and 3D formulations. The course is designed to introduce the application of Computer Aided Design (CAD) and Building Information Modelling (BIM). The course builds on the general drafting and freehand knowledge and skills gained earlier in the curriculum and prepares students for the utilization of specialized modeling techniques. It utilizes design work taken at the same semester to develop the skills in selected tools. As DES-271 progresses from an introduction of the basic concepts and their applications to the mastering of the different tools culminating in drafting and modeling 2D and 3D comprehensive design formulations. Producing Plans, sections, axonometric drawings, 3D modelling and renderings form the core of class exercises leading to basic presentations of architectural and interior design subjects. A contemporaneous design project in conjunction with DESI 220 will be developed through the application of tools and techniques derived from DESI 231. The course is delivered through a combination of lectures

and tutorials workshops in computing lab, along with, demonstrations and applications of varied CAD and BIM authoring tools. ***Pre-requisite DES-171***

**DES-322                  Architecture of The Islamic World                  3-0-3**

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. ***Pre-requisite: DES-222***

**DES-324                  On Site Investigation                  3-0-3**

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. ***Pre-requisite: DES-222***

**DES-331                  Landscape Architecture                  3-0-3**

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.

**Pre-requisite: ARC-232 or IND-232**

**DES-341              Environmental Systems & Design Integration              2-2-3**

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 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, builds on the general knowledge of sustainability gained in ARC-232 and prepares for ARC-342 or IND-342 wherein detailed active strategies are emphasized. It is also intended to inform sustainability-related decisions in the design studios taken at the same and 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. **Pre-requisite ARC-262 /IND-262 and ARC-232 /IND-232**

**DES-351              Internship              0-6-3**

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.

**Pre-requisite \* 90 Cr.H. for ID & CGPA ≥ 2 & \*\*120 Cr.H. for ARCH. & CGPA ≥ 2**

**DES-371                    Working Drawings and Detailing                    2-2-3**

DES-371 Working Drawing & 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. It is linked to ARC-344 focusing on structural design and to ARC-342 focusing on building systems. Both of these courses will provide the technical background necessary for the elaboration of the construction documents as applied to a particular design problem. The course progresses from an introduction of the basic principles and conventions of detailing and its representation, to structured 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. **Pre-requisite ARC-361/IND-361 and ARC-242/IND-242**

**DES-372                    Graphic Design & Portfolio for Architects & Interior Designers                    3-0-3**

This course introduces the student to the field of graphic design as it pertains to the profession of Architecture & 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.

**Pre-requisite: DES-271**

**DES-373                  Visualization                  2-2-3**

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. **Pre-requisite: DES-271**

**DES-431 Principles of Landscape Design                  3-0-3**

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. **Pre-requisite: IND-262**

**DES-442                  Special Topics: Materials & Methods                  2-2-3**

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 elective 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. ***Pre-requisite: ARC-342 or IND-342***

**DES-452                  Professional Practice Seminar                  3-0-3**

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. It is offered as a Major elective and should be regarded as an opportunity for exploration into current themes of the professional practice of architecture. ***Pre-requisite: ARC-362 or IND-362***

**DES-463                  Complex Design Studio                  2-2-3**

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. It is offered as a major elective course and 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. ***Pre-requisite: ARC-362 or IND-362***

**DESI 101      Introduction to Design**

This is the first of two design studios in the Freshman Year required of all students entering the undergraduate programs of the School of Architecture and Interior Design. Design as an intentional and interventional process that affects and shapes the environment around us is introduced through a broad appreciation of objects, spaces, systems and places. Studio exercises are organized around two thematic scales: human and building, and students are required to investigate topics through an application and

appreciation of various materials, media and techniques. **Prerequisite:** None

### **DESI 102 Fundamentals of Design**

This is the second of two design studios in the Freshman Year required of all students entering the undergraduate programs of the School of Architecture and Interior Design. DESI102 develops the media and process skills gained in DESI101. Accordingly studio design exercises are concerned primarily with the design process and emphasis is given to the complementary activities of analyzing, conceptualizing, collaborating and deciding before establishing a valid design solution. Graphic skills in communicating effectively through the media of geometry, architectural drawing and sketch models are emphasized.

**Prerequisite:** DESI-101

### **DESI 121 Design Theory**

This course provides an introduction to design in general and focuses on the formal language of architecture and interior design. An in depth analysis of the elements and principles of design as well as an investigation of their manifestation in 2D and 3D compositions are central components of this learning. Students will acquire knowledge and skills enabling them to identify the elements and principles and to employ them in composing small-scale projects. The course is accordingly composed of a series of research assignments and design projects that progress in complexity leading towards a wider appreciation of the cultural and environmental aspects of design. **Prerequisite:** None

### **DESI 122 Human Factors**

The course examines the relationship between people and the built environment. It focuses on the dynamic nature of this relationship in view of people's needs towards their settings. It examines variations in dimensions and in abilities and the consequences of these on the way into which space is used. The course aims at creating awareness of such diversity and at enhancing knowledge on the way into which such diversity may be addressed in design solutions. The course will cover Anthropometrics; Universal Design, People and Buildings and the wide ranging factors affecting the use of space. In Anthropometrics, Human Data and their relationship to activities and motion are examined. For Universal Design, the principles and their applications are examined with particular reference to special groups including children and the elderly. In the relationship between people and building, the course covers three levels: A selected furniture element that is specifically related to anthropometrics (Chair); Individual activities and their spatial requirements and finally movement within buildings. In the wider context the course will cover other design considerations emerging from the particularity of people including psychological, environmental and cultural issues. **Prerequisite:** DESI-101

### **DESI 141 Drafting and Modeling**

This course is the first in a series of courses on professional visual Design Communication. It covers a wide range of techniques. These are considered necessary to understanding, critically assessing and creating the built environment. The course establishes the foundation skills of visual communication.

The aim is to enhance understanding and skills necessary for the representation of reality and for the representation of solutions to design problems in such a reality. The course covers a wide range of topics including; Sketching, Drafting Principles, Design Presentation, Multi-view Projections, Perspectives, Working Drawings Principles and Model-making. The course is structured in a diversified learning mode covering lectures and discussions, class assignments projects, site sketching and workshop experimentation. The course is generally characterized by practical work on the multiplicity of materials and modes of presentation. **Prerequisite:** None

#### **DESI 142 Freehand Drawing and Rendering**

Drawing is essential to visual communication as both a preparatory tool and as a distinct medium of expression. Drawing can inform, reveal and communicate crucial aspects of structure including light and shadow, form and space, surface and depth. This course explores free hand drawing and rendering through a variety of materials and techniques. Drawing is understood as observation, documentation, and communication. Key aims include an awareness of scale and confident freehand sketching as a tool for imagining, developing and communicating 3D projects throughout the program (both Interior Design and Architecture). The practice of drawing basic forms and shapes are developed through a range of exercises and projects that increase drawing accuracy and perceptual skills. Students explore the role of value in creating form, contour drawing as sensitized 'seeing', and 'hidden' structures and geometries. They explore a variety of subject matter and approach through these studio activities, and will consolidate their practical skills with a portfolio of their work. **Prerequisite:** None

#### **DESI 211 Construction and Design Integration 1**

The course is concerned with an essential knowledge of materials, their selection and methods of construction. It also gives attention to the evolution of standard and other building practices along with the relationship between design and construction economies. Various load-bearing and framed construction systems form the basis of lecture topics and course materials which include: site investigation, preparation and works, foundation techniques, concrete and masonry construction, steel and timber framing, curtain walling and glass technology. Contextual studies in architecture, interiors, engineering and building science emphasize the integration of construction techniques. **Prerequisite:** DESI-102

#### **DESI 212 Construction and Design Integration 2**

The course introduces students to the technical drawing conventions of site planning, which include subject areas shared by the landscape architecture, garden design and civil engineering professions. Weekly lectures are directed at topics that directly relate to ongoing class exercises. Lectures typically focus on case studies of realized buildings that pointedly demonstrate issues of construction and design decisions which in turn impact on graphic problems. Students are also required to incorporate performance and aesthetic based criteria as essential components of the design integration process.

**Prerequisite:** DESI-211

**DESI 220 Design Principles**

The studio forms the setting for a series of lectures, design exercises and design projects in which the fundamentals of two and three dimensional architectural and interior design are progressively introduced by focusing on the development of problem-solving skills. Design innovation and invention are stressed against a societal foundation of ethics and convention. Representational skills, initially through hand drawing, are given emphasis in expressing technical and design intent. Understanding of architectural convention is emphasized as the basis for design invention and as the foundation of ethical action. **Prerequisite:** DESI-102

**DESI 221 Design Methods**

DESI 221 continues with the fundamentals of two and three dimensional architectural and interior design that are progressively introduced by focusing on the development of problem-solving skills. Design innovation and invention are stressed against a societal foundation of ethics and convention. Understanding of architectural convention is emphasized as the basis for design invention and as the foundation of ethical action. Representational skills, essentially through hand drawing, are given prominence in expressing technical and design intent. **Prerequisite:** DESI-220

**DESI 231 Computer-aided Design 1**

This course represents the foundation for utilizing digital representation in the practice of architecture and interior design. It aims at developing the capacity to use graphic drafting and modeling techniques in describing design problems, analysis and solutions. The value of such techniques; enhances the understanding of the main concepts and develops skills in related tools to create and manipulate 2D and 3D formulations.

This course provides students with a broad introduction into 2-dimensional and 3-dimensional Computer-Aided Design (CAD) and Building Information Modeling (BIM) with a focus on architectural documentation, drafting and modeling. The course covers precision drawing & drawing aids, geometric shapes, basic printing, editing tools, architectural and Interior design drafting views. It covers coordinating systems, proper dimensioning, symbol libraries, and file management. It also demonstrates basic principles of building information modelling (BIM) to show how 2D CAD designs are converted to BIM. The course proceeds to enable students to produce full architectural and Interior design documentation representation.

In relation to the curriculum, the course builds on the general drafting and freehand knowledge and skills gained earlier in the curriculum and prepares students for the utilization of specialized modeling techniques. It utilizes design work taken at the same semester to develop the skills in selected tools. As DES-271 progresses from an introduction of the basic concepts and their applications to the mastering of the different tools culminating in drafting and modeling 2D and 3D comprehensive design

formulations. Producing Plans, sections, axonometric drawings, 3D modelling and renderings form the core of class exercises leading to basic presentations of architectural and interior design subjects. A contemporaneous design project in conjunction with DES 261 will be developed through the application of tools and techniques derived from the course

### **DESI 270 Sustainable Design 1**

In this course, through lectures and presentations, the natural and built environments, along with ecological systems are analyzed in terms of depleting resources and the possibilities for sustainable technological solutions to contemporary and future problems. Human physiology, the occupation of space, and principles of sustainability are examined against energy consumption, environmental degradation, life cycles of materials and products, and valid interior and exterior design strategies.

**Prerequisite:** DESI-101

### **DESI 320 Environmental Systems and Integrated Design 1**

In this course, students are introduced to the factors that contribute to the heating and cooling loads in a building, followed by strategies for minimizing energy consumption. Criteria considered include acoustics, ventilation, day lighting, solar energy and geometry, shading and control, heating and cooling. Integrated/holistic design strategies will encompass energy efficiency, energy conservation, human comfort levels for health and productivity. Strategies for passive solar design are combined with day-lighting and ventilation concepts in the context of a sustainable environment. **Prerequisite:**

DESI-221

### **DESI 321 Environmental Systems and Integrated Design 2**

This course embraces a variety of building environmental controls that refer to mechanical systems, duct layout and controls, electric lighting, indoor air quality, transportation, communication, fire safety, water and sewage. Examination of the integration of these systems into the overall building and how the selected systems influence the building design and energy consumption characteristics are emphasized. Students learn that architectural design and the mechanical systems impact on the overall building efficiency and that these are a result of not only the efficiency of the individual components, but of their integration. **Prerequisite:** DESI-320

### **DESI 329 Special Topics: On-site Investigation**

This course is about on-site investigation of a selected topic as proposed by the instructor of the course, or developed in combination between the instructor and the student. The course will cover the theoretical background for this point of interest, with many local or overseas examples. The course will proceed to outline a specific framework to survey and analyze issues related to this topic in a selected

city or country. The aim of this course is to enhance risk-taking in addressing theoretical issues and linking the research of the professor with personal research of the students. **Prerequisite:** HISD-202

#### **DESI 340 Working Drawings and Detailing**

The core material of this course is concerned with the influences of building codes, industry standards and programmatic requirements on the selection of both structural and non-structural elements. The course emphasizes the various existing and emerging technologies, materials, assemblies and their essential characteristics. The course requires the student to produce a set of construction drawings with appropriate detailing, schedules and specifications, and helps develop an understanding of the relationship between drawings and specifications. **Prerequisite:** ARCH-330 or INDE-330

#### **DESI 348 Graphic Design for Architects and Interior Designers**

This Elective course introduces the student to the field of advanced architectural rendering and 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 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 will progress from the general knowledge of advanced architectural rendering and of Graphic Design to the specific concepts and the strategies to achieve them. It will include designing for 2D media and 2D and 3D signage. The course will be delivered through lectures, presentations, workshops and visits to various companies working locally in the profession.

**Prerequisite:** DESI-221

#### **DESI 351 Colour Theory**

This course examines colour theories, colour concepts and principles of colour as element of visual communication and expression to be applied in the built environment. The course focuses on colour science, colour and light, colour interaction, mixing, notation, harmonies, scheming and forecasting as well as the physical and psychological properties of colour. The students will develop skills to identifying relationships between individual colours ,compare hue, value, saturation and apply the concepts of unity, variety, contrast, dominance, appropriateness, balance, and harmony of colours to their design projects. The objective of this course is to enable students to create professional and aesthetically appealing colour plans and trend boards for functional interior and exterior environments. The graduates will have the invaluable skill of analyzing colour trends for interior design product development and branding and marketing. Students will achieve learning outcomes through a series of lectures, class exercises and projects, field trips, presentations by industrial experts and a final project.

**Prerequisite:** DESI-221

#### **DESI 400 Professional Business and Portfolio**

This course, through lectures and presentations, is devised to introduce business practices and procedures specific to the professional practice of Architecture and Interior Design in the context of

private practice and in relation to other members of the design and construction team. This course provides an overview of professional practice in Architecture and Interior Design. It introduces the students to major issues pertaining to legislations as well as to contractual matters. The students will learn how to evaluate Architecture and Interior Design from a business point of view. Furthermore, students will develop a firsthand experience with forms and formalities, which regulate the operation in a typical Architecture or Interior Design firm. Also, students will build a good knowledge of planning an Architecture or Interior Design business. By concentrating on integrating professional practice principles and methods, the course emphasizes a balance between operational procedures and marketing the individual to the profession. Each week there will be a different theme/topic for the class to examine and discuss while research is undertaken as an ongoing process. Students will produce assignments that demonstrate their knowledge and understanding of contemporary professional practice. Guest speakers and field trips to design offices and building sites may supplement instruction. In addition there will be lectures, complemented by studio exercises and projects, intended to assist students in marketing themselves by developing the communication skills essential for successful employment. Students will create comprehensive physical and electronic portfolios followed by interviews by a jury of practitioners and academics in order to prepare themselves for employment. **Prerequisites:** DESI-320, DESI-340 and DESI-321

#### **DESI 420 Sustainable Design 2**

In this course, the natural and built environments, along with ecological systems are further analyzed in terms of depleting resources and the possibilities for sustainable technological solutions to contemporary and future problems. Human physiology, the occupation of space, and principles of sustainability are further examined against energy consumption, environmental degradation, life cycles of materials and products, and valid interior and exterior design strategies. **Prerequisite:** DESI-270

#### **DESI 451 Lighting**

This course focuses on light in the form of daylight and artificial light, high-tech and low-tech, traditional and contemporary examples of lighting. The aim is to gain a deeper understanding about day-lighting and lighting and about the various strategies for lighting design of spaces. Simulation strategies, both on the computer and real models, will be applied. The course will cover the qualitative and quantitative aspects of light, its simulation, development of lighting strategies and new technologies. Examples of interior and exterior lighting design, sculptural, decorative and functional, will be presented and studied in both qualitative and quantitative ways. Through a series of lectures and exercises students will learn to apply the acquired skills in a final design project of their own. **Prerequisite:** ARCH-331 or INDE-330

#### **DESI 454 Building Information Modeling**

Building Information Modeling (BIM) is an emerging standard that tries to describe buildings as comprehensive digital 3D models enriched with substantial amounts of metadata (e.g. structural, costing, thermal). It is set out to supersede CAD as the new method of describing buildings throughout the construction industry. Through the life cycle of the building, BIM will accompany a building from the first design considerations; through the entire planning and construction process; the lifecycle of the building; until the final demolition of the building. The aim of this course is to develop a comprehensive insight and understanding of the concept of BIM and the methodologies involved with planning with BIM. They will be fit for future modes of planning and information sharing among all parties involved in the planning process. The course introduces various software applications dealing with different aspects of BIM. Strategies of Information Sharing, Evolutionary Planning rather than Revolutionary Planning, and open File Exchange standards will be discussed. Students will have access to various software applications supporting the BIM model. The course will be based on theoretical investigation and practical simulations. **Prerequisite:** ARCH-331 or INDE-330

#### **DESI 456 Visualization**

This course provides a comprehensive overview of concepts and principles that are common in contemporary computer graphics and essential for the production of photorealistic architectural visualizations. Through a series of lectures and hands-on experiences the student will learn how to develop the conceptual background for a sophisticated and target-oriented architectural visualization. This approach is followed by an in-depth introduction to modeling, lighting and rendering techniques that enable the student to produce high-quality architectural or interior design renderings. **Prerequisite:** ARCH-331 or INDE-330

#### **DESI 490 Internship**

This internship is a pre-professional experience in an Architecture/interior design firm, related business or academic institution. It has been established to supplement a balanced academic program and enhance career preparation. 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. **Prerequisite:** 80 Earned Cr.H (College Level YR4)

#### **DESI 500 Professional Business and Portfolio**

This course is devised to introduce business practices and procedures specific to the professional practice of Architecture and Interior Design in the context of private practice and in relation to other members of the design and construction team. Students will produce assignments that demonstrate their knowledge and understanding of contemporary professional practice. Guest speakers and field trips to design offices and building sites may supplement instruction. In addition there will be lectures, complemented by studio exercises and projects, intended to assist students in marketing themselves by developing the communication skills essential for successful employment. **Prerequisite:** ARCH-331

**DESI 550 Project Management**

This course provides an overview of project management techniques for pre-contract and post-contract management systems. Topics include: Assembly of the Client Team, Briefing/Programming Process, Short-listing Design Consultants, Concepts and Assessment of Proposals, Appointment of Design Consultants, Design Development, Design Co-ordination, Design Development, Design Co-ordination, Information Management, Tendering and Contract Strategies for Building Contractors, Construction Development, Managing the planning and delivery processes of buildings. **Prerequisite:** ARCH-331

**DMJ-200 Principles of Digital Media and Journalism**

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.

**Prerequisite: None**

**DMJ-210 News Writing & Editing**

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. **Prerequisite: MCM-200 & LNG 172**

**DMJ-220 Research and Data Analytics for DMJ**

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. **Prerequisite: None**

**DMJ-305 Graphics for Digital Media & Journalism**

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. **Prerequisite: MCM-250**

**DMJ-315 Virtual Reality for Journalism**

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.

**Prerequisite:** *DMJ 305*

**DMJ 317      Digital Photography**

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. **Prerequisite:** *MCM-250*

**DMJ-400      Newscasting**

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. **Prerequisite:**

***MCM-215 & DMJ-210***

**DMJ 425      Capstone Project**

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. **Prerequisite:** *DMJ-220 & 305*

**DMJ 430      Portfolio & Internship II**

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. **Prerequisite:** *MCM-431*

**DMJ-420      Multimedia Reporting**

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. ***Prerequisite: DMJ 315 or DMP 210***

#### **DMP 210     Digital Media Production**

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. ***Prerequisite: MCM-250***

#### **DMP-305     Critical Coding for Communication**

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.

***Prerequisite: None***

#### **DMP-315     Theory and Practice of Animation**

This course introduces the students to the theory of animation, its principles, and the basic techniques of 2D animation that can be 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. ***Prerequisite: MCM-250***

#### **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**

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. Understanding Ethical and Legal issues related to e-Business. **Prerequisite: None**

#### **EBU 206 e-Business Project Management**

This course explores the principles, process, purpose and strategies of project management for an e-business. Topics include: 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, Managing Project Deliverables, Managing Project Quality, Managing Project Expectations, Leading a Project, Managing Vendors, Ending the Project.

**Prerequisite:** EBU-100 **Equivalent:** EBU-406

#### **EBU 207 Systems Analysis and Business Process Integrations 1**

This course examines business needs for information and is analyzed through a systematic study of business processes and their underlying components of people, procedures, and technology. It will prepare students to effectively use, manage, and participate in the development of information technology applications in support of common business processes. Topics include: Introduction to ERP Systems: The benefits of enterprise-wide data integration, Business Processes in Enterprise Resource Planning systems, Process Mapping, Database Management Systems, E-R Model Development Mapping an E-R Diagram to a Relational DBMS, Core Business Processes. **Prerequisite:** None **Equivalent:** EBU-307

#### **EBU 218 e-Business Web Technologies**

This course is an introduction to the current technologies used to implement e-business solutions. 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, Server-side scripts, Creating a Web Application with Client-side and Server-side scripts. **Prerequisite:** EBU-100 **Equivalents:** SWS-121 and EBU-318

#### **EBU 250 Digital Entrepreneurship**

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. **Prerequisite:** EBU-200

### **EBU 307 System Analysis and Business Process Integrations 1**

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 e-Business 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. **Prerequisite:** SWS-351

### **EBU 308 Systems Analysis and Business Process Integrations 2**

This course expands upon the skills developed in EBU-307 (Systems Analysis & Business Process Integration I). Students will apply their business process analysis and design skills to 3 in-depth business processes: 1. Sales including Customer Payment Process 2. Purchase including Paying Vendor Process 3. Accounts Receivables/Payables Processes 4. Basic Business Reporting Process Each of these areas is examined for its respective objectives, procedures, control and underlying technologies. Students will use SAP ERP system Sales Module to record sales (Sales Process), which will implicate the use of Purchase Module (order item from vendor) and its corresponding accounting entries that receives payment from customer and paying vendor invoices. **Prerequisite:** EBU-307 or equivalent EBU-207

### **EBU 309 Business Process Management**

This course expands upon the skills developed in EBU307 on Systems Analysis and on the fundamental of integrated business processes (BP). It emphasizes on the management of e-Business processes to ensure consistent process deliverables as well as to appraise improvement opportunities. Student will learn to analyze entire process chain of events, corresponding activities and relating decisions that will yield added value for the whole enterprise stakeholders. Topics includes: Introduction to BP

management, fundamental of BP modeling and discovery, BP qualitative & quantitative analysis, BP redesign, performance & conformance analysis. The course emphasizes on hands-on application of the learned concepts throughout each phase of the BP lifecycle. Enterprise Resource Planning software will be used to appreciate the integrated e-Business processes in terms of cross-functions collaboration and information sharing. **Prerequisite:** EBU-307

#### **EBU 318 e-Business Web Technologies**

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. **Prerequisite:** EBU-200

#### **EBU 350 e-Business Technology Solutions**

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. **Prerequisite:** EBU-318

#### **EBU 406 e-Business Project Management**

This course explores the principles, process, purpose and strategies of project management for an e-business. Topics include: 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, managing project deliverables, managing project quality, managing project expectations, leading a project, managing vendors, ending the project. Students will be exposed to MS project management to apply learned concepts. **Prerequisite:** MGT-361, SWS-351

#### **EBU 420 e-Business Strategies**

This course allows the students to develop advanced skills and knowledge needed in developing winning

e-business strategy. Through studying different case-study students will identify opportunities and challenges involved in applying technology to transform traditional business into e-Business and build the managerial foundation for emerging technologies. Topics include: e-Business Strategy, e-Business Planning, Overview of e-Business Models, Formulation of e-Business Strategy, e-Business Strategy for SMEs, Market Analysis, Organizational Transformation by e-Business, Transforming External Relationships with Customers, e-Business Impact on Supply Chain Management, Mobile Computing.

**Prerequisites:** EBU-307, EBU-350 and MGT-361

#### **EBU 450 e-Business Consulting Project**

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. **Prerequisite:** YR 4, Final Semester

#### **EBU 490 Special Topics in e-Business**

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. **Prerequisite:** 102 Cr.H Completed

#### **ECO 221 Principles of Microeconomics**

This course focuses on the tools necessary for analyzing and investigating various microeconomic problems, such as issues of scarcity and choice, the tools of price determination and elasticity, perfect competition, monopolistic competition and oligopoly, factor pricing, factor mobility, labor markets, and the importance and role of economic policy in our everyday lives. Topics include: Economic Decisions, Demand and Supply Analysis, Elasticity of Demand and Supply, Consumer Choice and Demand, Production and Cost in the Firm, Perfect Competition, Monopolistic Competition and Oligopoly, Resource Markets, Capital, Interest, and Corporate Finance, Economic Regulation and Antitrust Policy..

**Prerequisite: None**

#### **ECO 222 Principles of Macroeconomics**

This course examines the basic principles of macroeconomics from a market economics perspective. Exploring how to measure national economic activity, looking specifically at GDP, unemployment and inflation, and their relationship to the business cycle, analyzing international economics and the theories of economic growth and development, comparing theories of the macro economy with the classical-

Keynesian debate, as well as examining the monetary system, including the federal reserve system, money markets and fractional reserve banking. **Prerequisite: None**

### **ELC 320 Power Electronics**

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.

**Prerequisite:** ENG-301

### **ELC 323 Instrumentation & Measurements**

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. **Prerequisite:** COM-412

### **ELC 330 Microcontrollers and Embedded Systems**

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, and interrupt management and other related topics.

**Prerequisite:** ENG-210, ENG-301

### **ELC 411 Communication Electronics**

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. **Prerequisite** ENG-301

### **ELC 412 Digital System Design**

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. **Prerequisite:** ENG-210

### **ELC 421 VLSI Design**

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. **Prerequisite:** ELC-411

### **ELC 422 Optoelectronics**

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. **Prerequisite:** ENG-301

### **ELC 423 Data Acquisition and Interfacing**

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. **Prerequisite:** ELC-330

### **ELC 425 Nanoelectronics**

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. **Prerequisite:** ENG-301

### **ELC 427 Analog Integrated Circuits**

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. **Prerequisite:** ELC-411

### **ELC 430 Solid State Devices**

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. **Prerequisite:** ENG-222, ENG-301

### **ELC 435    Hardware Functional Verification**

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. **Prerequisite:** ELC-412

### **ENG 101    Digital Logic**

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 Circuits, 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; Simulations.

### **ENG-210              Computer Architecture**

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. **Pre-requisite BCS-202 or ENG 101**

### **ENG 210    Electronics 1**

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.

**Prerequisite:** ENG-220

### **ENG 211    Computer Network Fundamentals**

Introduction to data communication systems; Local Area Networks and OSI layer model, with emphasis on data link and physical layers; Analog and digital communication systems; Multiplexing, bandwidth and throughput; Modulation techniques; Transmission lines; Switching and routing; Ethernet technologies; Internet Protocol.

### **ENG 220    Electric Circuits 1**

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. **Co-Requisite:** [SCI-210](#)

### **ENG 221 Electric Circuit**

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. **Co-Requisite:** [SCI-210](#)

### **ENG 222 Engineering Electromagnetics**

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. **Prerequisite:** MTH-212, SCI-210

### **ENG 223 Electric Circuit II**

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. **Prerequisite:** ENG-221

### **ENG 224 Engineering Graphics and Design**

This practice oriented course provides the students with basic drafting knowledge and develops in them some drawing and design skills that are necessary in the engineer's career. Topics include: Layouts and Lettering, Use of Instruments, Scaling, Applied Geometry, Technical Sketching, Multi-view Projection, Oblique Projections, Perspectives, Basic Dimensioning, Tolerances, Zoom, Electronic Graphics, AutoCAD, 2D Computer Graphics, 3D Modeling, Design Mini-project. **Prerequisite:** None

### **ENG 301 Electronics 2**

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. **Prerequisite:** ENG-310 LecT

### **ENG 310 Electronics 1**

This course provides an introduction to electronic components in terms of implementation and

application. Topics include: Digital and Analog electronic worlds, semiconductor material, semiconductor junctions, Ideal diode; Real Diode; PN junction, Diode applications, LED and Laser Diodes, Zener Diodes, opto-couplers, BJT Transistors, BJT Switching Applications, JFET Transistors, MOSFET Transistors, Switching and logic CMOS applications of MOSFETs. **Prerequisite:** ENG-221

### **ENG 311 User Interface Design**

This course provides an introduction to human-machine interaction techniques. Computer is now an unavoidable tool for many systems including communication systems. Thus, engineering students should develop skills in User Interface Design. Topics include : Models of interaction, Frameworks and HCI, Ergonomics, Industrial interfaces, Navigation in 3D and 2D; Paradigms for interaction; Interaction design basics; Usability engineering, Iterative design and prototyping; Design rules; Implementation support; Implementation support; Universal design; User support; Cognitive models; Socio-organizational issues and stakeholder requirements. **Prerequisites:** SWS-316 and NET-112

### **ENG 314 Electric Machines**

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 320 Internship**

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. **Prerequisites:** College YR 4 and Min. GPA 2.0

### **ENG 420 Internship**

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. **Pre-Requisite:90 Cr.H + CGPA 2.0**

### **ENG 400 Graduation Project 1**

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. **Prerequisite:** College Level YR 4 or 100 earned Cr.H

#### **ENG 400 Internship**

This internship provides the students with opportunities to gain work experience in real world situations, to practice critical thinking, to solve real problems, 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 duties, identify objectives, respect constraints, explore new ideas, investigate practical issues, design new elements (device, systems, software) and make some decisions.

#### **ENG 401 Graduation Project 2**

This project provides the students with opportunities to demonstrate the learning they acquired, to apply critical thinking, to further develop their design skills, and to 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. **Prerequisite:** ENG-400 PrjEE

#### **ENG 410 Professional and Ethical Practice**

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, hazard assessment and prevention control, assessment of the safety situation of the Canadian University Dubai (practice), safety and health training, management of safety and health, social implications and environmental impacts of technology, the rights and responsibilities of engineers, ethical issues in engineering practice. **Prerequisite:** None

#### **ENG 421 Graduation Project 1**

This project provides the students with opportunities to demonstrate the learning they acquired, to apply critical thinking, to further develop their design skills, and to 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 422 Graduation Project 2**

This project provides the students with opportunities to demonstrate the learning they acquired, to apply critical thinking, to further develop their design skills, and to 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.

#### **ENV 125      Ecosystems and Human Health**

This course introduces the key concepts of ecosystems and health, emphasizing how they are related and the implications of this relationship to human wellbeing. Students will juxtapose the ecosystems and health, and ecosystems and the health of humans. The course will provide knowledge, skills and attitudes of relevance to problem-solving in personal and professional like. **Prerequisite:** None  
**Equivalent:** GED-125

#### **ENV 201            Principles of Environmental Science**

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. **Pre-requisite** None

#### **ENV 302            Environmental Microbiology**

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. **Pre-requisite** None

#### **ENV 303            Entomology and Pest Control Management**

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. **Pre-requisite** SHS-103

#### **ENV 304            Water and Wastewater Quality Control**

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. **Prerequisite:** ENV 201

**ENV 305                  Food Quality and Control**

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. **Pre-requisite** SHS-105, ENV-302

**ENV 308    Community Environmental Health**

This course addresses Sanitation and management principles of community problems related to waste disposal, vector control, food and milk protection, swimming pools, and recreation activities. Topics include: Sustainable Yield & Natural remediation, Environmentally-incurred disease, Zoonotic diseases, Insects and other pests, Integrated Pest Management, Food Quality and Microbiology, Food Sanitation, Food Bio Security Issues, Solid Waste Management, Recreational Facilities, Milk Products. **Prerequisite:** ENV 201

**ENV 406    Internship: Familiarization with the Industry**

This internship provides the students with the opportunity to explore, research, investigate, and ultimately make some decisions that may have significant impacts on their future careers. It increases students' experiences and knowledge in their areas of expertise. It also stimulates students' thinking and reflection about the knowledge and understanding that they will gain from such experiences. Finally it provides students with opportunities to demonstrate the learning they acquired. It includes field visits to different institutions, agencies, companies and places related to the environment. **Prerequisite:** 81 Cr. hrs.

**ENV 407                  Management of Domestic and Hazardous Wastes**

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. **Pre-requisite** 81 Cr.H

**ENV 408    Epidemiology and Biostatistics**

This course introduces the types and sources of data in measuring population health, the different epidemiological study designs, and exploratory data analysis. Topics include: Measures of morbidity and mortality used in epidemiology, Descriptive epidemiology, Measures of effect and data interpretation issues, Screening for disease in the community and epidemiology of infectious disease, Molecular, genetic, psychologic, behavioral and social epidemiology, Practical applications of biostatistics, concept, scope and uses of statistics, Probability and sampling distribution, Correlation and regression, sample size for estimation, Epi-Info 3.3.2 and SPSS. **Prerequisite:** MTH 195, ENV 201

#### **ENV 409                   Marine Pollution**

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. **Pre-requisite** ENV-407

#### **ENV 410   Occupational Health and Toxicology**

This course introduces the general principles governing occupational health and acceptable levels of hazardous chemical and physical agents in the workplace. Toxic agents in the environment in general and specifically in the occupational environment are studied with respect to entry routes, how they act in the body, their effect on metabolism, the impact of different levels of exposure (i.e. their toxicity). Tools and techniques for monitoring the work environment and the workers themselves for exposure to hazardous agents, evaluating data, recognizing and assessing risks and controlling hazards are presented. **Prerequisite:** ENV 302, 407.

#### **ENV 411   Research Study in the Field of Environmental Health**

This course provides the students with the skills required to develop a research study in the field of environmental health and present the finding to the audience. Following aspects are covered: Introduction on how to write researchable questions and problem statement, Problem statement, critical review of the literature, methods for data collection questionnaire construction, tools for data collection, reliability and validity measures, citations and references and writing the research document.

**Prerequisite:** 81 Cr.H

#### **ENV 411 Impacts of Climate Change Policy on Environmental Management**

This course covers how climate change is understood and responded to by governments, regulatory agencies, political groups and the media, and associated impacts. **Pre-requisite**

#### **ENV 415   Seminar**

As a capstone, this course provides students with the opportunity to examine the breadth of environmental and occupational health in terms of the role it plays in local infrastructure, its diversity of employment opportunities, and the varied issues faced in both the public and occupational health setting. The course is typically limited to seniors and taken in the last year of a student's undergraduate studies. Speakers for this course will include environmental and occupational health professionals from both the public and private sector. **Prerequisite:** 81 Cr.H

**ENT-141                  Fundamentals of Innovation and Entrepreneurship 1**

This course is developed for the UAE based on decades of practices and experiences of teaching innovation and entrepreneurship at Stanford University that has fueled 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).. **Pre-requisite None**

**ENT-142                  Fundamentals of Innovation and Entrepreneurship 2**

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. **Pre-requisite:**

**ENT-141e**

**ENT 241                  Entrepreneurship I**

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. **Pre-Requisite: ENT-142**

#### **ENT 242              Entrepreneurship II**

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.. **Pre-Requisite: ENT-241**

#### **ETM 200    Tourism & Hospitality Management**

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. More over this course will provide additional topics such as: the purpose and impact of Travel Agencies & Tours Operators, Tourism Organizations & Associations, Tourism policy and tourism marketing, the impact of tourism and hospitality on society from -economic, social and environmental aspects. **Prerequisite:** LNG-172, MGT-202

#### **ETM 300    Events Management**

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. **Prerequisite:** ETM-200

#### **ETM 310    Recreation and Tourism**

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. **Prerequisite:** ETM-200

#### **ETM 315 Meetings Incentive Conferences and Events**

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. **Prerequisite:** ETM-320

#### **ETM 320 Festivals Management**

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.

**Prerequisite:** ETM-300, BUS-210LecFM

#### **ETM 330 Medical and Wellness Tourism**

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. **Prerequisite:** ETM-200

#### **ETM 410 Events Marketing**

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. **Prerequisite:** MKT-201 and ETM-300 or MKT-310 or MKT-208

#### **ETM 415 Tourism Destination**

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. **Prerequisite:** ETM-200, BUS-210LecFM

#### **ETM 420 Sustainable Tourism Development**

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. **Prerequisite:** ETM-410

#### **ETM 430 Resort and Hotel Facilities**

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. **Prerequisite:** ETM-310

#### **FIN 201 Managerial Finance**

This course provides a conceptual framework of financial management at the introductory level. Analysis, planning and control of internal and external finance decisions of a firm with emphasis on corporate structure. Topics include: financial statement analysis, markets and institutions, risk and rates of return, time value of money, bond and stock valuation, capital budgeting **Prerequisite:** ACT-112

#### **FIN 310 Corporate Finance**

This course provides and surveys an introduction to the theories and the methodologies of corporate finance. The concepts emphasized and developed in this course are based on previous foundation courses. Topics include: Investment decision rules, Capital budgeting, Risk and return in capital markets and Cost of capital. **Prerequisite:** FIN-201

#### **FIN 320 Financial Statement Analysis**

This course provides a conceptual framework of Financial Statement Analysis at the advanced level. Analysis of the Financial Statements of the companies and see the effect of using different accounting and quantitative analysis tools on the financial analysis and on the cash flow analysis. Topics include: Understanding Balance Sheet And Income Statement, Preparing Cash Flow Statement by using different

methods and types of off balance sheet financing. **Prerequisite:** FIN-201

### **FIN 325 Financial Markets and Institutions**

This course examines the nature of money and the banking system in a global economic environment. It introduces students to monetary policy and considers how monetary policy influences interest rates and asset markets of GCC. International aspects of the monetary system are also considered such as foreign exchange markets and exchange rate targeting policies in GCC. The course also starts with an exposition of financial market and its instruments and proceeds to discuss shari'ah viewpoints concerning different financial market instruments such as equity shares, preferred shares, bonds and financial derivatives. **Pre -Requisite:** ECO-222

### **FIN 330 International Finance**

This advanced finance course focuses on foreign exchange markets, determination of exchange rates, currency risk hedging techniques, and currency derivative instruments. In addition, macroeconomic policies and investment practices of multinational firms will also be reviewed to familiarize students with the type of practical issues in the international finance field. **Prerequisite:** FIN-201

### **FIN 335 Introduction to Islamic Financial Systems**

This course provides students with understanding of the fundamentals of Islamic financial operations, types of financial markets, laws and regulations, institutions, Islamic principles such as al-Mudarabah, al-Murabaha and al-Musharakah and their applications. You will be exposed to various Islamic financial products. This course will start with discussion of Islamic financial practices around the world; the growing role of Islamic banking in the UAE and GCC. **Prerequisite:** ECO-222 & ACT-212

### **FIN 350 Portfolio Management**

This course covers portfolio analysis of a group of securities. Topics covered include The Mean Variance Portfolio Theory is introduced and its application in determining the properties of combinations (portfolios) of the individual assets, delineating the characteristics of portfolios that make them preferable to others. The composition of the preferred portfolios is determined and issues of investment analysis are covered. Performance evaluation of well-managed portfolios and their evaluation process is described. Models of equilibrium in the capital markets and the non-standard forms of capital asset pricing models are illustrated. **Prerequisite:** FIN-201

### **FIN 360 Investment Analysis**

This course is a comprehensive course introducing the important characteristics of the markets in which equities, fixed-income instruments, derivatives, and alternative investments trade. It introduces the student to the world of investment finance, and how simple yet robust finance models such CAPM, stock and bond valuation, fundamental and technical analysis, and use of macroeconomic events in model. This course will complement the use of Excel where models would be created and synchronized using

live trading data feed and evaluations. **Prerequisite:** FIN-201

#### **FIN 480 Financial Derivatives**

The purpose of this course is to provide the student with the necessary skills to value and to employ options, futures, and related financial contracts. The topics that will be covered include the valuation of futures contracts on stock indices, on commodities and Treasury instruments; the valuation of options; swaps; and the use (and misuse) of derivatives in the context of corporate applications. **Prerequisite:** FIN-310 & 360

#### **FSN 101 Textiles**

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. **Prerequisite: None**

#### **FSN 132 History of Art 1**

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. **Prerequisite: None**

#### **FSN 199 Fashion: The Industry**

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. **Prerequisite: None**

#### **FSN 200 Fashion Studio**

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. **Prerequisite: None**

#### **FSN 203 History of Design**

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. **Prerequisite:** *None*

### **FSN 223      Fashion Concepts and Theory**

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. **Prerequisite:** *None*

### **None**

### **FSN 400      Fashion in International Markets**

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. **Prerequisite:** *FSN 223, FSN 199*

### **GED 101      Applications of Computer Software**

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. **Prerequisite:** *None*

### **GED 110      Modern Art Appreciation**

'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. **Prerequisite:** *None*

### **GED 111      Music Appreciation and Communication**

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. **Prerequisite:** *None*

### **GED 112      Using Positive Psychology at Work**

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 r. **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 3<sup>rd</sup> and 4<sup>th</sup> year students interested in improving and attaining career and personal goals and prospects. LNG-172

#### **GED 125 Ecosystems and Human Health**

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. **Prerequisite:** None **Equivalent:** ENV-125

#### **GED 132 Science and Technology in Society**

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 soci. **Prerequisite:** None

#### **GED 150 Foundations for Community Engagement and Social Work**

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. **Prerequisite:** None

#### **GED 196 Communication Skills in Arabic 1**

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. **Prerequisite:** None

#### **GED 198 Islamic Culture**

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. **Prerequisite:** None

#### **GED 199 UAE Society**

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. **Prerequisite:** None

#### **GED 205 Psychology in Everyday Life**

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. **Prerequisite:** LNG-172

#### **GED 252 Critical Thinking**

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. **Prerequisite:** LNG-172

#### **GED 272 Fundamentals of Public Speaking**

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. **Prerequisite:** LNG-172

#### **GED 324 Ethical Reasoning for Today's World**

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 Counseling 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 reasoningtexts. **Prerequisite:** LNG-172

#### **HA 301 Health Information Systems**

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. **Pre-requisite** HOM-101

#### **HA 310 Healthcare Quality**

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. **Pre-requisite** HOM-101

#### **HA 314 Performance Improvement in Healthcare: Measurement & Management**

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. **Pre-requisite** None

#### **HA 315 Health Policy and Governance**

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. **Pre-requisite** 81 Cr.H

**HA 330                  Medical Coding**

This course introduces the students to medical coding with the focus on the students gaining practical skills in medical coding. The course covers 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. **Pre-requisite** HA-301

**HA 450                  Healthcare Finance & Insurance**

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. **Pre-requisite** ACT-112

**HISD 201      History of Architecture and Interior Design 1**

This course examines the development of architecture and interior design of the development of architecture and interior design of the ancient Middle East and Mediterranean civilizations through the Classical Revival period. Knowledge of the language of architecture, its terminology and recognition of period styles are required. Emphasis is placed on the historical and intellectual context of selective examples of architecture and interior design, along with their environmental and social relevance. The works of several masters will be studied in detail. **Prerequisite:** LNG-172

**HISD 202      History of Architecture and Interior Design 2**

This course examines the development of architecture and interior design of the nineteenth, twentieth and early twenty-first centuries. Knowledge of the language of architecture, its terminology and recognition of period styles are required. Emphasis is placed on the historical and intellectual context of selective examples of architecture and interior design, along with their environmental and social relevance. The works of several 20th and 21st century masters will be studied in detail. **Prerequisite:** HISD-201

**HOM 101                  Fundamentals of Healthcare Management**

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. **Pre-requisite** None

### **HOM 301    Process Management in Health Services**

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. **Prerequisite:** SHS 213

### **HOM 303    Health Education and Promotion**

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. **Pre-requisite** None

### **HOM 304    Healthcare Operations**

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. **Prerequisite:** SHS 213

### **HOM 311    Healthcare Facility Design and Safety Measures**

This course addresses safety measures with respect to healthcare environments. Topics include: Considerations for building health care facilities, Planning and designing the main Entrance and lobby area, Master Planning and pre-design, safety, emergency management, patient flow, Security, life safety, infection control, risk management, Building design and construction, Commissioning, Design requirements for hospital's units and surgical suites, Design requirements for hospital's emergency services and transportable units, Design requirements for hospital's Pharmacy and laboratory, Design requirements for hospital's medical records. **Prerequisite:** HOM 304

### **HOM 312    Care of Patients and Continuum of Care**

This course addresses the effective provision of patient care and the fulfillment of related international standards. Topics include: Primary health care and access to care, Planning and Providing care, Anesthesia care, Care during operative and other procedures, Medication use, Nutrition care, Rehabilitation care and services, Restraint, seclusion, and other patient safety procedures, Discharge planning and patient and family education, Communicating with patients/privacy/confidentiality, End of life care, Long-term care. **Prerequisite:** HOM304

### **HOM 320 Hospital Management**

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. **Pre-requisite** HOM-101

### **HOM 401 Risk Management and Patient Safety**

The course introduces the components of risk management in healthcare organizations. Topics include: Risk management in healthcare, Adverse events in healthcare and the occurrence variance reporting system, Medication safety, Medication errors and reporting, Medical errors and peer review, Sentinel events, Key risk reduction tools, Prevention and control of infections within the healthcare organization, Risk Management and the environment of care, Failure mode and effects analysis, International patient safety goals. **Prerequisite:** HOM 304

### **HOM 402 Internship: Familiarization with the Industry**

The internship provides students with the opportunity: to work in a team in collaborative internship sites in companies or governmental agencies, to investigate and analyze practical HOM issues, problems or challenges, to explore, research, investigate, and ultimately make some decisions related to HIM issues, to develop and exercise problem-solving skills HIM issues, to increase their experiences and knowledge in the areas of health and management. **Prerequisite:** 81 Cr.H

### **HOM 408 Health Information Department Management**

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. **Prerequisite:** HIM 301

### **HOM 411 Healthcare Organizations and the Accreditation Process**

The course presents an overview of 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. **Prerequisite:** HOM 311, HOM 312

#### **HOM 411              Accreditation for Healthcare Organization**

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. **Pre-requisite** HA – 320, ENV-306

#### **HOM 412    Healthcare Facility Safety and the Environment of Care**

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. **Prerequisite:** HOM 304

#### **HOM 413    Research Study in the Field of Health Management**

This course consists in conducting a research study in the field of health organization management and presenting the findings. It includes continuous follow up and coaching of the student to provide guiding and to monitor the student's methodology and achievements. Topics include: Writing researchable questions and problem statement, conducting literature review, critical review, Selection of the sample, Methods for data collection questionnaire construction, Tools for data collection and discussion on the analysis of data, reliability and validity measures and recommendations and conclusion, Citations, Writing a research document. **Prerequisite:** 81 Cr.H

#### **HRM 210    Human Resource Management**

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 Human Resource's important role within the organization. Topics include: Introduction to HRM, Equal Employment Opportunity, Job Analysis & Design, Planning &

Recruitment, Selection Process, Training & Development, Performance Appraisal, Compensation management, Incentive Pay, Employee Benefits, Health & Safety, Employee Rights & Discipline, Labor Relations, and International HRM. **Prerequisite:** MGT-202

**HRM 320 UAE Labour Law and Relations**

This course explores how UAE labor law regulates the legal aspects of employer-employee relations, attempting to identify the economic and regulatory influences that have shaped UAE labor laws. It focuses particularly on the legal regulation of collective worker activity and will identify values that inform the legislative, judicial, administrative, arbitral, contractual and informal rules and norms through which law regulates the current diverse management-labor environment. **Prerequisite:** *MGT 202*

## **HRM 330 Staffing**

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.

**Prerequisite:** HRM-210, HRM-320

## **HRM 370 Compensation Management**

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. **Prerequisite:** HRM 210, QBA-241

## **HRM 410 Human Resource Development**

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. **Prerequisite:** HRM-370

## **HRM 470 Strategic Human Resource Management**

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. **Prerequisite:** HRM-410, HRM-370, HRM-265

## **BUS 400 Internship**

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. **Prerequisite:** (90 Cr.H) and minimum CGPA 2.0

## **HRM 440 International Human Resource Management**

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. **Prerequisite:** HRM-210

## **HRM 460 Leadership**

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 21<sup>st</sup> 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. ***Prerequisite: HRM-410***

#### **HRM 265      Performance Appraisal**

This course discusses the principles, practices, and requirements of effective performance management system in organizational settings. ***Prerequisite:*** HRM-210

#### **HRM 275      Conflict Resolution**

This course focuses on the nature of conflict and the methods to resolve conflict with an emphasis on collaborative problem solving and mediation. The students will be able to synthesize and be exposed to the preparation for negotiation, development of a negotiating style, and how to establish trust in building a relationship. ***Prerequisite: MGT-202, HRM-210***

#### **HRM 420      Special Topics in HRM**

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 21<sup>st</sup> 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.

***Prerequisite: HRM-210***

#### **HRM 430      Change Management**

Contemporary businesses constantly face the challenge of change. This course is designed to deepen student's understanding of the challenges, techniques, and problems associated with initiating and implementing major changes in organizations. The emphasis is on the exploration and discussion of the complex and intricate nature of change in a variety of organizations across a diverse range of business contexts. This course focuses on the process of change and how change can be successfully implemented through people within the organizational context. Based on the belief that students themselves will face on-going change in the organizations where they are employed, this course will enable them to be proactive in successfully responding to the challenges of change they will inevitably face throughout their business careers. ***Prerequisite: HRM 210, MGT-320***

#### **IDF 100      Elements and Principles of Design**

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.

**Prerequisite: None**

**IDF 200      Introduction to the World of Design**

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. **Prerequisite: None**

**IDF 250      Contemporary Art and Design**

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. **Prerequisite: None**

**IDF 300      Strategic Thinking and the Deep Dive**

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. **Prerequisite: IDF-100, 200, 250**

**IDF 301      Leaping Fences: New Directions in Design**

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. **Prerequisite:** *IDF-100, 200, 250*

### **IDF 309 Sustainable Design**

This course introduces the basic principles of sustainable design focusing on ethical issues and well-being concepts. It aims at building an informed position about the global and natural issues, and the strategies to be addressed by 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, and health and fitness; the impact of the contemporary passive and active design strategies and their role in energy use; and finally enhancing the skills of analysing contexts and their selected features in relation to sustainability. **Prerequisite:** None

### **INB 300 International Economics**

This course analyses the economic relations of the various nations and compares their international trade. The various internal factors of nations are compared to be affecting their international trade. The major origin in international trade theories are discussed with the overview on IMF, FAO and WTO. The policy development in developing nations and the developed nations are compared and discussed during the course.. **Prerequisite:** *ECO-222*

### **INB 340 International Dimensions of Human Resources Management**

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. . **Prerequisite:** *HRM-210*

### **INB 360 International Business**

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. **Prerequisite:** *MGT 202*

### **INB 410 International Management**

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. ***Prerequisite: MGT-202***

#### **INB 420      Business Law**

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. ***Prerequisite: MGT-231***

#### **INB 421      International Trade and Policy**

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. ***Prerequisite: INB-300, INB-360***

#### **INB 450      International Accounting**

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.

***Prerequisite: ACT-212***

**INB 490      Global Strategy**

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. **Prerequisite:** INB-300, INB-420, INB-340, INB-450, MKT-465, FIN-330

**IND-232                  Research and Design Applications                  3-0-3**

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. **Pre-requisite:**

**DES-261 & LNG-172**

**IND-242                  Construction and Design Integration: Interior Design                  2-2-3**

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. ***Pre-requisite: DES-241***

**IND-262              Residential Design (Studio)              3-6-6**

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 case studies, evaluation of the existing structure and space quality of the given building 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. ***Pre-requisite: DES-261***

**IND-331              Furniture Design & Detailing              2-2-3**

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. ***Pre-requisite: DES-122 & DES-222***

**IND-342              Lighting & Acoustics              3-0-3**

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. ***Pre-requisite: DES-341 & IND-242***

**IND-343                  Interior Finishes & Materials                  3-0-3**

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. ***Pre-requisite: IND-242***

**IND-344                  Building Code                  3-0-3**

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. ***Pre-requisite: IND-343***

**IND-361                  Institutional Design (Studio)                  3-6-6**

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 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. In order to achieve this, the course consists of lectures, presentations, design critiques, submissions and site visits. ***Pre-requisite: IND-262 & DES-222***

**IND-362                    Commercial Design (Studio)                    3-6-6**

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. 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 problem analysis, concept design and final detailed design. 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. ***Pre-requisite: IND-361 & DES-271***

**IND-351                    Professional Practice & Project Management                    3-0-3**

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. ***Pre-requisite: IND-361***

**IND-461              Senior Project – Dissertation (Studio)              3-6-6**

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. ***Pre-requisite: IND-232, IND-362, IND-344, IND-331 & IND-342***

**IND-462              Senior Project Design (Studio)              3-6-6**

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. 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.

**Pre-requisite:** DES-371, DES-351 & IND-461

#### **INDE 300     Textiles**

This course examines textiles from various perspectives: raw and finished materials, fibers and yarns, applications to furniture, fabrics and construction methods, new materials and technology, and codes of legislation. Students will develop their knowledge of this subject through a series of research and practical exercises, and will design their own textiles. **Prerequisite:** DESI-102

## **INDE 320 Building Systems and Codes**

This course develops in the student knowledge already established through earlier courses concerning the empirical elements of structure, construction and environmental engineering. In addition the various building systems: electrical, mechanical, air conditioning, water supply and drainage, and building codes, especially concerning safety, are each examined. Emphasis is placed on attaining a critical understanding between the interplay of the design idea with the construction and engineering systems, along with the development of a technical vocabulary. **Prerequisite:** INDE-330

## **INDE 330 Residential Design (Studio)**

This essential studio core course encourages the student to develop a design for a residential interior and comprises lectures, in-class exercises, home assignments, in situ surveys, field trips, group presentations, and reviews. The student will complete an integrated final project and develop a series of required skills including client analysis, programming, space-planning and fitting-out, code analysis, tight-fit and loose-fit furniture, and materials and finishes selection. The integrating of electrical, lighting, and plumbing systems is a strong component of the technical design appraisal. Strong graphic and oral presentation skills are emphasized, particularly for the final project. **Prerequisite:** DESI-221

## **INDE 331 Commercial Design**

This essential studio core course encourages the student to develop a design for a commercial interior and comprises lectures, in-class exercises, home assignments, in situ surveys, field trips, group presentations and reviews. The student will complete an integrated final project, either within a business or retail environment, and develop a series of required skills based on client analysis, programming, space-planning and fitting-out, office systems, environmental systems, code analysis, tight-fit and loose-fit furniture, and materials and finishes selection. The integrating of electrical, lighting, and plumbing systems is a strong component of the technical design appraisal. **Prerequisite:** INDE-330

## **INDE 350 Furniture Design**

This interior design core course encourages the student to develop a design for a prototype piece of furniture suitable for a residential or commercial interior and comprises lectures, in-class exercises, home assignments, field trips, group presentations and reviews. Visits to Furniture Manufacturing and Retailing Companies will be an essential component of the course. A primary consideration involves the essential jointing of timber tight and loose-fit furniture. In order to demonstrate an understanding of materials and the process of furniture design, students are required to retain a working sketch book which will be graded periodically at mid-term and at the end of term. **Prerequisite:** DESI-211

## **INDE 440 Senior Project - Dissertation**

The first of two courses that are structured toward delivery of the student's final design project, INDE430 is essentially concerned with the preparation of a design dissertation subject to the approval of the Program Chair. Each student will prepare a proposal that will encompass aptitudes, design interests,

strengths, and career orientation. Consequently a dissertation will be prepared and, as a substantial research document, will reflect a thorough and independent understanding of research methodology along with the process of integrated interior design. **Prerequisites:** All 300 INDE courses and Chair Approval

#### **INDE 441 Senior Project - Design**

The second of two courses that are structured toward delivery of the student's final design project, INDE441 is essentially concerned with the finalizing of a design process which commenced with investigative studies, followed by the completion of a dissertation and outline proposals in INDE440. Each student will develop a proposal that will encompass aptitudes, design interests, strengths, and career orientation. Consequently this should be regarded as a capstone course which will reflect a thorough and independent understanding of the process of integrated interior design while indicating professional aptitude and abilities. **Prerequisite:** INDE-440

#### **JRN 205 Journalistic Translation 1**

This course introduces the students to the principles and practices of journalistic translation. The course focuses on the concepts, theories, methods, levels, tools, text, meanings, techniques, strategies and skills of translation. Additionally, the students will acquire the skills to practice political news translation, economic and business news translation, disaster news translation, etc. **Prerequisite:** None

#### **JRN 207 Feature Writing**

The course aims to introducing students to news editing. It covers editing features and investigative reports, researching, gathering information and writing various types of feature stories including news features, human interest stories and personal-profiles. Strong emphasis will be placed on how to develop ideas for publishable articles. **Prerequisite:** JRN-315

#### **JRN 210 Layout and Graphic Design**

This course introduces the students to the basic concepts of graphic design including the theoretical and practical approaches. It focuses on developing the student's critical thinking, creativity, and technical skills. Students will produce print and electronic graphical artwork using software applications..

**Prerequisite:** None

#### **JRN 215 Online Journalism**

This course aims at introducing students to online journalism. Topics covered include writing and technical skills, editing images, editing audio and video for the web. The course also covers ethical issues in online journalism with extensive practical applications on the web.. **Prerequisite:** MCM-310

#### **JRN 217 Journalistic Translation 2**

This course aims at providing students with necessary skills for translation of specialized print media content from and to Arabic and English. Students will also practice news interpretation techniques,

editorial content translation and practical appli. **Prerequisite:** JRN-205

### **JRN 305 News Writing and Editing**

This course introduces the students to the basic news gathering, news writing skills, and the journalists need to write for various platforms. It focuses on news values and news worthiness, the gatekeeping process, the styles of writing, story development and leads. Students will also learn techniques of gathering information and dealing with news sources. Strong emphasis will be placed on practical applications. **Prerequisite:** MCM-100

### **JRN 315 Advanced News Writing**

This course builds on JRN 305 and is a comprehensive introduction to the basic news gathering and news writing skills journalists need to write for print, broadcast and new media. It focuses on the simple news story; the inverted pyramid; leads and headlines; news selection criteria; research and interviewing techniques; and news editing. Students will be expected to carry out a news production project.

**Prerequisite:** JRN-305

### **JRN 317 Digital Photography**

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. **Prerequisite:** MCM-100

### **JRN 318 Media Convergence**

The course aims to introducing the students to media convergence. It covers the topics of media convergence concepts and definitions, the technological revolution in the media sphere, implications for journalism practices, implications for politics and the economy, legal, political, and the economic and cultural challenges. Students will also analyze case studies in media convergence. **Prerequisite:** JRN-215

### **JRN 410 Digital Storytelling**

The course aims to introducing the students to digital storytelling. It covers basic knowledge and skills in digital storytelling using multimedia software to build specific narrative formats. Students are also introduced to storytelling applications in journalism. Special emphasis is given to opportunities and limitations of digital storytelling for media development. **Prerequisite:** JRN-305

### **JRN 420 Website Design**

The course aims at introducing students to the theory and practice of website design. It covers the technical principles of website design, using website design software, web design components, planning the design process, using colors and typography on the web, using multimedia, and creating dynamic and static contents. The course mainly comprises practical aspects in web design. **Prerequisite:** JRN-215

### **JRN 430     Graduation Project in Journalism**

The aim of this Graduation Project is to enable students to apply their knowledge and expertise in journalism under the supervision of their instructor. Students will be asked to integrate and synthesize journalism related learnings in the form of a research project, or a journalism production project.

**Prerequisite:** Graduating Semester OR YR4

### **JRN 435    The Press in the UAE**

This course introduces the students to the Press in UAE. Topics covered include the historical development of UAE press; press regulations and laws; federal and local media institutions and media policies and orientations. Students will explore the role of the press in national development and national identity, media free zones and technological developing in addition to a number of enduring issues in UAE mediaies. **Prerequisite:** MCM-100

### **LNG 161    Communication Skills in English 1**

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. **Prerequisite:** None

### **LNG 162    Communication Skills in English 2**

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. **Prerequisite:** LNG-161

### **LNG 171    English 1**

LNG 171 exposes students to academic reading and writing skills. It provides instruction and practice in academic reading skills and requires students to implement writing strategies and participate in classroom discussions. Students will also demonstrate reading comprehension through summarizing and paraphrasing key passages and acquire the skills necessary for success in the first-year courses in their major programs. **Prerequisite:** None

### **LNG 171-1    English I**

LNG 171-1 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. **Prerequisite:** None

### **LNG 171-2    English I**

LNG 171-2 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. **Prerequisite:** None

#### **LNG 171-3 English I**

LNG 171-3 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. **Prerequisite:** None

#### **LNG 171-4 English I**

LNG 171-4 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. **Prerequisite:** None

#### **LNG 171-5 English I**

LNG 171-5 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. **Prerequisite:** None

#### **LNG 172-1 English II**

LNG 172 -1 builds on the reading and writing skills acquired in LNG 171-1. 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. **Prerequisite:** LNG-171-1

#### **LNG 172-2 English II**

LNG 172-2 builds on the reading and writing skills acquired in LNG 171-2. 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. **Prerequisite:** LNG-171-2

### **LNG 172-3 English II**

LNG 172-3 builds on the reading and writing skills acquired in LNG 171-3. 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.

**Prerequisite:** LNG-171-3

### **LNG 172-4 English II**

LNG 172-4 builds on the reading and writing skills acquired in LNG 171-4. 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. **Prerequisite:** LNG-171-4

### **LNG 172-5 English II**

LNG 172-5 builds on the reading and writing skills acquired in LNG 171-5. 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.

**Prerequisite:** LNG-171-5

### **LNG 172 English 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 study. The course focuses on exposition and argumentation. **Prerequisite:** LNG-171

### **LNG 173 Professional Communication Skills**

LNG 173 is an advanced-level English course that explores the written tasks encountered in the professional and academic context within the specialized field of study. In the process of analyzing and composing a research project, students will also develop critical thinking skills and research skills that will help them become effective and successful professionals in their fields. **Prerequisite:** LNG-172

### **LNG 173 -1 Professional Communication Skills**

LNG 173-1 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. **Prerequisite:** LNG-172-1

### **LNG 181 English I for Engineering & Computing**

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. **Prerequisite:** None

## **LNG 182 English II for Engineering & Computing**

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. **Prerequisite:** LNG-181

## **MBA 510 Management and Marketing Foundations**

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. **Prerequisite:** None.

## **MBA-511 Foundations of Quantitative Analysis**

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. **Prerequisite:** None

## **MBA-512 Accounting and Finance Foundations**

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. **Prerequisite:** None

## **MBA-513 Foundations of Economics**

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. **Prerequisite:** None

#### **MBA 641 Managerial Accounting**

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 . **Prerequisite None**

#### **MBA-642 Managerial Finance**

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. **Prerequisite: None**

#### **MBA-643 Business Research Methods**

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. ***Prerequisite: None***

**MBA 644 Managerial Economics**

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 price 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. ***Prerequisite None***

**MBA 645 Marketing Management**

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. ***Prerequisite None***

**MBA 646 Operations and Supply Chain Management**

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. ***Prerequisite MBA-643***

**MBA 647 Management of Information Systems**

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. ***Prerequisite None***

**MBA 648              Business Strategy (Capstone)**

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. ***Prerequisite All other program core courses***

**MBA 651              Organizational Behavior**

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. ***Prerequisite None***

**MBA 653              Organization Development and Change**

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. ***Prerequisite MBA-651***

**MBA 655              Leadership and Motivation**

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. ***Prerequisite MBA-651***

## **MBA-657 Business Ethics and Corporate Social Responsibility**

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?. **Prerequisite: None**

## **MBA 661 Human Resource Management**

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). **Pre requisite MBA-651**

## **MBA 663 Human Resource Development**

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. **Prerequisite MBA-661**

## **MBA 664 Strategic Staffing**

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. **Prerequisite MBA-661**

## **MBA 668 International Human Resource Management**

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.

**Prerequisite MBA-661**

## **MBA 681 Corporate Finance**

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. ***Prerequisite MBA-642***

**MBA 682                  Derivatives Securities**

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. ***Prerequisite MBA-642***

**MBA 683                  Investment Analysis & Portfolio Management**

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. ***Prerequisite MBA-642***

**MBA 684                  Mergers & Acquisitions**

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.

***Prerequisite MBA-641, MBA-642***

**MBA 685                  Financial Statement Analysis**

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. ***Prerequisite MBA-642***

**MBA 691                  Marketing Channels**

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. **Prerequisite:** MBA-645

### **MBA 692 International Marketing**

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. **Prerequisite:** MBA-645

### **MBA 693 Business Marketing**

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. **Prerequisite:** MBA-645

### **MBA 695 Marketing Research**

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. **Prerequisite:** MBA-645

### **MCM 100 Introduction to Mass Communications & Media Studies**

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. **Prerequisite:** None

### **MCM 110 Communication Theories & Media Effects**

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. **Prerequisite:** MCM-100

## **MCM 115 Media in the UAE**

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. **Prerequisite: MCM-100 & GED-199**

## **MCM 130 Media Ethics and Laws**

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. **Prerequisite: MCM-100**

## **MCM 140 Communication Research Methods**

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. **Prerequisite: MTH-101**

## **MCM-200 Writing for Mass Media**

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. **Prerequisite: MCM-100 & LNG-172**

## **MCM 210 Media Sociology**

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. **Prerequisite: MCM-110**

## **MCM 215 Audiovisual Production**

This course introduces the students to the principles and basic techniques of video production. Students will develop skills in camera shooting, angles, 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. **Prerequisite: None**

## **MCM 240 Media Management**

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. ***Prerequisite: MCM 100***

#### **MCM 250     Digital Imaging**

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. ***Prerequisite: None***

#### **MCM 300     Sustainability Branding**

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. ***Prerequisite: MCM 100 & 200***

#### **MCM 305     Intercultural & Business Communications**

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. ***Prerequisite: MCM-200***

#### **MCM 311     Media and Politics**

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..

***Prerequisite: None***

#### **MCM 330     Multi-Platform Storytelling**

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. ***Prerequisite: MCM-200 & 215***

#### **MCM 335      Digital & Online Marketing**

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. ***Prerequisite: MCM 100***

#### **MCM 335      Comparative Global Media Systems & Policy**

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. ***Prerequisite: MCM 240***

#### **MCM 410      Literary and Artistic Criticism**

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. ***Prerequisite: MCM 200***

#### **MCM-420      Modern World History**

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 18<sup>th</sup> 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. ***Prerequisite: MCM 100***

#### **MCM-431      Media Internship**

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. ***Prerequisite: 81 credits and Min 2 CGPA***

## **MCM-440 Cinema Studies**

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. **Prerequisite:** MCM-100 & 215

## **MCM 100 Introduction to Mass Communications**

This course aims to orient the student to communication processes, media history and media effects. The course covers the development of books, newspapers, magazines, radio, TV, internet, media conglomerates, and mass media effects. **Prerequisite:** None

## **MCM 110 Communication Theories**

This course aims to give the student an overview of communication theories, with emphasis on mass communication theories. The course covers rhetoric, dramatism, narrative theory, powerful effects, limited effects, cultivation theory, uses and gratifications theory, and critical/cultural studies.

**Prerequisite:** MCM-100

## **MCM 120 Communication Research Methods**

This course aims to introduce students to the basic research methods and techniques. The topics covered in this course include: Qualitative and quantitative research methods. Sampling and basic statistical tools such as content analysis and surveys. Special emphasis is given to research ethics. Students will develop a research paper applying specific methods at the end of this course. **Prerequisite:** MCM-110

## **MCM 130 Media Ethics and Laws**

This course seeks to introduce students to ethics, values, and moral decision-making within the context of professional media disciplines. The course covers the historical evolution of media ethics, freedom of expression and social responsibility in media practices, legislation, as well as, moral conventions. The course also creates learning opportunities for students through the analysis of case studies taken from real world examples in the fields of advertising, journalism, and public relations. **Prerequisite:** MCM-100

## **MCM 200 Introduction to Political Sciences**

This course is designed to introduce students to the science of politics and its relationship to other disciplines. It covers topics such as the theoretical principles of politics, the concept of a state in all its forms and political systems. The course also introduces case studies in decision making process at local, regional and international levels. **Prerequisite:** MCM-100

## **MCM 210 Media Sociology**

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, how these contents influence behaviors of individuals and groups socially, politically, etc. In the process many Local and international case studies will be introduced. **Prerequisite:** MCM-110

#### **MCM 220    Media Impact**

This course aims at models and theories of media psychological effects; the bullet theory, selective effects models, knowledge gap models, empathy models, consumerism models, framing and agenda setting models. The course puts emphasis on the uses and gratification models and embeds theory into practice. **Prerequisite:** MCM-110

#### **MCM 230    Principles of Economics**

This is an introductory course to the principles of economics. It covers the definitions of economics and its relations with other sciences; methods of economic analysis; the economic problem; development of economic systems; macro-economics and microeconomics; the international economic system.

**Prerequisite:** None

#### **MCM 310    Internet and Social Networks**

This course offers a critical understanding of how the Internet and social media networks affect various aspects of modern societies at the social and cultural levels. The course explores the main concepts and theories of social media networks including trust, influence & effects and engagement, as well as the main approaches and applications of social networks in advertising, journalism, public relations and social networks on mobile phones. Aspects of privacy and ethics are also addressed in this course.

**Prerequisite:** None

#### **MCM 320    Computerized Media Archiving**

The course aims at introducing students to computerized media archiving. It covers digital archiving concepts and processes; digital archiving systems in media institutions; managing digital archiving systems; text and audio-visual archiving systems; online databases; case studies and field visits.

**Prerequisite:** None

#### **MCM 330    Literary and Artistic Criticism**

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. **Prerequisite:** MCM-100

#### **MCM 410    Political Geography**

This course is designed to enable students to understand the concept of political geography and its impact on world politics. The topics include: Mackinder's theory of political geography; how geography impacts on conflicts and the distribution of power at the international level; political geography in human history; political geography in the age of globalization. **Prerequisite:** MCM-200

#### **MCM 420 Modern World History**

The purpose of this course is to examine key historical events in the modern era using social science 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 18<sup>th</sup> 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. **Prerequisite:** MCM-410

#### **MCM 430 Media Internship**

The course aims at enhancing students practical skills. Students are expected to spend 150 hours in media institutions relevant to their area of specialty where they receive training under a field supervisor and of an internship instructor. In order to pass the internship, students have to demonstrate specific administrative and technical capabilities, attitudes and commitments. **Prerequisite:** 81 Cr.H

#### **MEC 305 Mechanical Vibrations**

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 **Prerequisite:** MTH-220, COM-311

#### **MEC 306 Electro-pneumatic & Hydraulic Control Circuits**

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. **Prerequisite:** SCI-210

#### **MEC 310 Mechatronics Engineering**

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  
Co-requisite: ELC-323 **Prerequisite:** ENG-301

### **MEC 411 Intelligent Systems**

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. **Prerequisite:** SWS-316, MTH-130

### **MEC 412 Sensors and Actuators**

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. **Prerequisite:** ELC-323

### **MEC 413 Industrial Automation**

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. **Prerequisite:** MEC-310

### **MEC 421 Robotics**

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. **Prerequisite:** MEC-310, MEC-411, MEC-412

### **MEC 422 Mechatronics Systems Design**

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 **Prerequisite:** MEC-310, MEC 412

### **MEC 425 Production Management for Engineers**

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. **Prerequisite:** MEC-411, BUS-310

#### **MEC 426 Fluid Mechanics**

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.

**Prerequisite:** MEC-412

#### **MEC 427 Computer Integrated Manufacturing (CIM)**

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. **Prerequisite:** MEC-413

#### **MGT 202 Principles of Management**

Effective management is a universal require of all organizations, whether large or small. Thus, 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. **Prerequisite:** None

#### **MGT 210 Business Report Writing**

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. **Prerequisite:** LNG 172

#### **MGT 231 Legal Environment of Business**

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 North American and British based legal systems, court procedures, the different impacts of statutory and judicial law and administrative procedures. Students may also be introduced to contracts, products liability, business ethics, sales; commercial paper and business related UAE Laws, negligent and intentional torts, types of cybercrime, criminal law and white collar crime. **Prerequisite:** None

### **MGT 310    Tourism Management**

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.

**Prerequisite:** MGT-202

### **MGT 311    Business Research Methods**

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 of a business research proposal, thus enhancing students' skills, knowledge and competencies in conducting research. **Prerequisite:** QBA-341

### **MGT 320    Organizational Behaviour**

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. **Prerequisite:** HRM-210

### **MGT 360    Customer Relationship Management**

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. **Prerequisite:** MKT-201

### **MGT 361    Operations Management**

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. **Prerequisite:** MGT-202, QBA-341

#### **MGT 405 Business Ethics and Social Responsibility**

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. **Prerequisite:** 90 CR.H.

#### **MGT 420 Supply Chain Management**

This course focuses on decision-making for system design, as it arises in manufacturing systems and supply chains. Students are exposed to frameworks and models for structuring the key issues and trade-offs. The class presents and discusses new opportunities, issues and concepts introduced by the internet and e-commerce. It also introduces various models, methods and software tools for logistics network design, capacity planning and flexibility, make-buy, and integration with product development. Industry applications and cases illustrate concepts and challenges. **Prerequisite:** EBU-307, QBA-241 and SWS-351

#### **MGT 450 Customer Relationship Management**

This course examines how customer Relationship Management (CRM) is about customer care and business strategy and the use of IT to achieve the objective of profitability through enhanced customer relations. it provides knowledge about CRM and its main concepts, the technologies and the strategies for implementing customer relationship activities. Moreover, it exposes the students to important research questions in this area as well as the relevant theories and research methodologies.

**Prerequisite:** MGT-202 **Equivalent:** MGT-360

#### **MGT 460 Leadership**

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. **Prerequisite:** MGT-410

#### **MGT 470 Strategic Management**

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. **Prerequisite:** HRM-210, ECO-221, 222, FIN-201, MKT-201, MGT-361

### **MIT 602 IT Services and Operations**

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. **Prerequisite: None**

### **MIT-604 Blockchain Technology**

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. **Prerequisite: None**

### **MIT 606 IT Governance and Management**

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.

**Prerequisite: None**

### **MIT 607 Strategic IT Planning**

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. ***Prerequisite: None***

### **MIT-621 Data Sciences**

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. ***Prerequisite: None***

### **MIT-622 Data Analytics for Managers**

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. ***Prerequisite: MIT-621***

### **MIT-623 Business Intelligence**

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. ***Prerequisite: None***

### **MIT-631 Cloud Computing**

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. ***Prerequisite: None***

## **MIT-632 Edge and Fog Computing**

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. **Prerequisite: MIT-631**

## **MIT-633 Cybersecurity**

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. **Prerequisite: None**

## **MIT 601 Quantitative Analysis for Management**

This course provides students with practical experience of the scientific approach to managerial decisions making. The approach consists of problem definition, model development, data collection, model implementation and validation, and result analysis. Various quantitative models as well as the assumptions and limitations of the various models and methods are reviewed. The course has special focus on methods and techniques for data analysis using linear statistical modeling. **Prerequisite:** MIT-501

## **MIT 602 Information Technology Services and Operations**

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. **Prerequisite:** None

## **MIT 603 Business Ethics and Corporate Social Responsibility**

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? **Prerequisite:** None

## **MIT 604 Information Systems Control and Audit**

This course presents information systems audit, control concepts and management practices. As

business continues towards a more substantial reliance upon the capabilities of information systems, it becomes increasingly important for auditors to understand information systems and how they relate to financial and general organizational controls. **Prerequisite:** None

#### **MIT 605 IT Governance in IT Investment Decision Process**

This course aims at providing students with the knowledge and skills necessary to evaluate the impact of financial decisions in IT Governance. It will also enable students to participate in decision making and processes concerning the maximization of value in investment, finance and risk management, and the delivery of value for money in achieving the objectives of not-for-profit organizations. **Prerequisite:** MIT-507

#### **MIT 606 Information Security and Continuity Planning**

This course provides students with the main strategies and methods to address the growing challenges related to information security and business continuity planning, which are crucial for IT governance. Topics include Security Architecture and Models, data access control systems, operations security, physical security, application development security, Business Continuity Planning and Disaster Recovery Planning, security infrastructures, and network and internet security. The course addresses the major aspects of Information Security Management and practices from ITIL, ISO and 27002 perspectives.

**Prerequisite:** None

#### **MIT 607 Law, Regulations and IT Contracts**

This course addresses the legal challenges associated to the use of IT in the enterprise. It reviews the various aspects of the UAE and International IS laws with a focus on software copyright, patents and Intellectual Property, IS services & liability, security and data privacy. The course also deals with contract issuing regulations and practices, as well as, regulations related to e-commerce/e-business practices and other legal conflicts caused by technological change in the digital firm, both in the UAE and internationally. **Prerequisite:** None

#### **MIT 608 Strategic Urbanization of Information Systems and Planning**

This course provides students with the knowledge and skills allowing them to produce a map of the enterprise information system's structure based on the urbanization approach that can be used to improve its performance and its development. Students learn how to build an IT system using the metaphor of a city: creating a map that reflects the enterprise departments (IT, administration, production, sales, etc.), studying its information needs and services; and assessing the required resources to develop their information systems. The course will focus on developing an inventory and evaluation of all information on the enterprise IS (databases, applications, services, etc.) in relation to its departments, in order to rationalize it and assess the enterprise's information capital. **Prerequisite:** None

#### **MIT 609 Governance and Management of Information Systems**

This course enables students to understand the relationship between governance and management of Information Systems 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. **Prerequisites:** MIT-602 and MIT-605

#### **MIT 610 IT Management and Governance Project**

The Capstone project develops an integrated understanding of IT management and Governance strategy. The student will learn the IS function and its role in marshalling information technologies and information assets to support the strategy of the organization. The course aims at engaging students in a real-life project within an organizational context, and to demonstrate technical, managerial, and social skills, developed in the program, to develop reasoned responses to the major forces shaping the role of IT in organizations competing in a global economy. The project should include milestones with tangible deliverables, as well as an evaluation study of the developed work. **Prerequisite:** Term 3 or completion of 24 Cr.H

#### **MKT 201 Principles of Marketing**

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. **Prerequisite:** LNG-171 or LNG-181

#### **MKT 208 Consumer Behaviour**

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, Consumer Decision Making Process.. **Prerequisite:** MKT-201

#### **MKT 320 Retailing**

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.

**Prerequisite: MKT-201**

### **MKT 230 Professional Selling**

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.

**Prerequisite: MKT-208 for BBA students or AIMC 210 for BA Communication**

### **MKT 230 Professional Selling**

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.

**Prerequisite: MKT-201**

### **MKT 242 Introduction to Public Relations**

This course provides an introduction to public relations writing. It discusses some of the different kinds of written materials used in the practice of public relations. Students should write a variety of public relations materials through a combination of in-class and out-of-class writing assignments. Topics include: Research and planning, Press releases, Media relations, Brochures, Interviewing, Feature writing, Advertisements, Public service announcements, Résumés and cover letters, Websites.

**Prerequisite: MKT-201**

### **MKT 265 Business Marketing**

This course studies the distinctive characteristics, policies and problems of marketing in a business-to-business environment. Content includes: buying behavior, the promotion and selling of an industrial product, managing new and existing product lines, ethics, and the impact of new technology such as e-commerce. Students will be required to develop a marketing plan for a business to business product. **Prerequisite: MKT-201**

### **MKT 270 Integrated Marketing Communications**

This Course (IMC) examines integrated marketing communications and how this enhances brand equity. Topics include: Origins and evolution of IMC , Databases and their utilization, Principles of Value-Based IMC, Identifying customers and prospects, The value of customers and prospects, Planning Marketing Communication Delivery, Planning Marcom Content, Estimating Return on Customer Investment, Post-program analysis and future planning,. **Prerequisite:** MKT-201 **Equivalent:** MKT-370

### **MKT 271    Brand Marketing**

This course points out the importance of brand identity in the integrated marketing communications strategy. Topics include: Brands and Brand Management, Integrating Marketing Communication to Build Brand Equity (BE), Brand Positioning and Value, Connecting Business Strategy to Brand Strategy, Post-Purchase Experience, Developing a Brand Equity Measurement System, Developing a Brand Metric System, Measuring Outcomes of BE, Managing Brands over Time, Building a Brand Culture, Establishing a Brand-Based Organization, Managing Brands over Geographic Boundaries and Segments. **Prerequisite:** MKT-201 **Equivalent:** MKT-371

### **MKT 300    Fashion Marketing**

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.

**Prerequisite:** *None*

### **MKT 310    Advertising and Promotion**

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. **Prerequisite:** MKT-201

### **MKT 320    Retailing**

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.

**Prerequisite:** MKT-201

#### **MKT 330 Digital Luxury**

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 in general but also in the UAE, 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, particularly in the UAE. **Prerequisite: None**

#### **MKT 330 Marketing Research**

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.

**Prerequisite:** MKT-201 and QBA-241 **Equivalent:** MKT-430

#### **MKT 335 Luxury Branding**

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. **Prerequisite:** MKT-320

#### **MKT 340 e-Marketing**

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. 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. **Prerequisite:** MKT-201

#### **MKT-350 Luxury Marketing**

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 **Prerequisite: MKT-201**

#### **MKT 360 Customer Relationship Management**

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. **Prerequisite: MKT-201**

#### **MKT 364 Services Marketing**

This course exposes the nature of services marketing and its critical contribution to marketing success. Topics include Consumer Behavior in Services, Customer Expectations in Services, Customer Perceptions in Services, Listening to Customers through Research, Building Customer Relationships, Service Recovery, Service Development and Design, Customer-Defined Service Standards, Physical Evidence and the Servicescape, Employees' Roles in Service Delivery, Customers' Roles in Service Delivery, Managing Demand and Capacity, Managing Service Promises, Integrated Services Marketing Communications, Pricing of Services. **Prerequisite: MKT-208**

#### **MKT 370 Integrated Marketing Communications**

This Course (IMC) examines integrated marketing communications and how it impacts brand equity. Students will be able to understand the different elements of IMC and apply them to various situations in a marketing and communications context. Topics include: Origins and evolution of IMC, Principles of Value-Based IMC, Corporate Image and Brand Management, Buyer Behavior, IMC Planning, Design and Management, Traditional and Alternative Marketing, PR and Sponsorship Activities, Regulations and Ethical Concerns in the Media Environment **Prerequisite: MKT-201 Equivalent: MKT-270**

#### **MKT 371 Brand Marketing**

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.

**Prerequisite:** MKT 201

#### **MKT 380      Luxury Fashion**

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.

**Prerequisite:** MKT-335

#### **MKT 385      Luxury Hospitality**

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. **Prerequisite:** MKT-364

#### **MKT 410      Direct Marketing**

This course presents an overview of direct marketing (DM), largely concentrating on print media in the UAE and abroad. Topics include: Elements of DM, DM lists and segmentation, Database-driven DM, Planning the offer, Creative strategies in DM, Broadcast and other electronic media, Telemarketing, Internet, Customer service and fulfillment, Customer service and fulfillment, Ethical and legal issues in DM, Business-to-business (industrial) DM, DM for non-profit organizations, International DM, Statistics and Modeling for DM, Regression, Factor Analysis and Clustering. **Prerequisite:** MKT-201 Equivalent: MKT-210 LecM2

#### **MKT 420      Luxury Brand Management**

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. **Prerequisite: MKT-330**

#### **MKT 425 Experiential Luxury Marketing**

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. **Prerequisite:** MKT-320 & MKT-335

#### **MKT 430 Marketing Research**

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.

**Prerequisite: MKT-208, QBA-241**

#### **MKT 465 International Marketing**

This course is designed for students from Marketing and International Business Programs, it addresses the decision making as well as policy formulation 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. **Prerequisite: MGT-361**

#### **MKT 469 Marketing Management**

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. **Prerequisite: MKT-430, MGT-320**

**MTH 101 Statistics**

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. **Prerequisite:** None

**MTH-112 Calculus I**

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. **Pre-requisite Pass Math Placement Test or MTH-012**

**MTH-113 Calculus II**

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. **Pre-requisite MTH-112**

**MTH-114 Linear Algebra**

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. **Pre-requisite MTH-112**

**MTH-120 Discrete Mathematics**

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. **Pre-requisite pass Math Placement test or MTH 012**

**MTH-130 Probability and Statistics**

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. **Pre-requisite MTH-112**

**MTH 195 Applied Statistics**

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. **Prerequisite:** None **Equivalent:** MTH-130

#### **MTH 196 Mathematics for Business**

Applications of basic arithmetic, algebraic and Calculus techniques for solving business problems. Topics include: problem solving with ratios, percentages, linear and quadratic equations, break-even analysis, exponentials, logarithms, financial mathematics, basic differentiation and marginal analysis of cost and profit. **Prerequisite:** P in math placement test

#### **MTH 212 Calculus 3**

It is an introduction to multivariable calculus for engineering students. Topics include functions of several variables, partial derivatives, double and triple integrals, line and surface integrals, vector fields, Green's theorem, Stokes' theorem, and the divergence theorem. **Prerequisite:** MTH 113

#### **MTH 220 Ordinary Differential Equations**

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. **Pre-Requisite:** MTH-212

#### **MTH-203 Discrete Mathematics for Computing Science**

The course covers main concepts of discrete mathematics, as it is used for applications in computing. The main topics include proof by induction and contradiction, prime numbers and their properties, RSA encryption, recursive algorithms, computational complexity, Big O, combinations and permutations, graphs and their applications, trees and their applications. **Pre-requisite MTH-120, BCS-102**

#### **NET 101 Digital Logic**

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; Simulations. **Prerequisite:** None

#### **NET 100 – Fundamental of Digital Systems**

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. ***Pre-requisite None***

#### **NET 105 - Microprocessors and Microcontrollers**

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. ***Pre-requisite NET-100***

#### **NET 110 - Computer Networks Fundamentals**

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. ***Pre-requisite ENG-101 or NET-100***

#### **NET 111 Operating Systems Fundamentals**

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. ***Prerequisite: SWS-110***

#### **NET 112 Computer Architecture**

This course provides an introduction to the way a computer works and to its main components. Topics include Computer Systems : An Overview of Computer Systems; Different types of data formats, including alphanumeric, image, and sound; Integer representations and calculations; Floating-point representations and calculations; Little Man Computer; CPU and Memory; Design, Implementation and Enhancement; Analysis and Comparison of CPU architectures; I/O Operation; Computer Peripherals; Intel x86, Power PC, and IBM zSystem architectures. ***Prerequisite: NET-101 or ENG-101***

#### **NET 120 LAN Switching and Routing**

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.. **Prerequisite: NET-100**

### **NET 121 Network Operating System**

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.

**Prerequisite: NET-111**

### **NET 210 WAN Technologies**

This course focuses on WAN network technologies such as ATM, ISDN and Frame Relays. Topics include: Guided and unguided transmission, Integrated Services Digital Network, Multiplexing, ADSL, xDSL techniques, Soft switch Architecture, Packet Switching Principles, X.25, ISDN Architecture, Asynchronous Transfer Mode, Web site reading, Routing in WAN Circuit-Switch, and Packet-Switching Network, Least-Cost Algorithm, Congestion Control in Switched Data Network, Effect of Congestion, Cellular Wireless Network, Principles, First Generation Analog network, Second Generation CDMA, Third Generation Systems. **Prerequisite: NET-120**

### **NET 211 Network Operating Systems 2**

This course focuses on the use of UNIX/Linux capabilities including stability. It tackles some of the more popular commands, the installation of DHCP and other network services. Topics include: Install and configure Linux for single, multi-user and network operation, Software Installation and Package Management, Command Line Interface (Shell) and Shell Scripts, Disk and File System Management, User and Group Management, Network Configuration, Configure a Linux machine for HTTP (web) and FTP services, Configure DHCP on a Linux machine. **Prerequisite: NET-121**

### **NET 214 Network Programming**

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. **Prerequisites: NET-120, SWS-316**

### **NET 220 Computer Networks**

This course provides a global view of different types of computer networks, the protocols involved in each type and internetworking issues with focus on bridging, IP routing, sub-netting and NAT. Quality of service: Diffserv and IntServ/RSVP; call admission control / congestion control; switching; pricing; Labs are designed to allow students practice concepts covered in class and complement them.

## **NET 220 Network Security and Administration**

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

## **NET 221 Communication Technology**

This course provides fundamental concepts in communication technology especially wireless communications. Wireless propagation characteristics have a profound impact on layers 1, 2, 3, and 4 protocols and services. Therefore, the focus of the course is on understanding the TCP/IP Protocols in Wireless Networks with most emphasis on the physical layer. As part of the discussion on the application layer, an introduction of Wireless Internet and WAP is given. **Prerequisite:** NET-210

## **NET 222 Wireless Networks**

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. **Prerequisite:** NET-221 or COM-412

## **NET 300 Operating Systems**

Evolution of computer systems: batch processing, multiprogramming, multi-processing, real-time, time-sharing, distributive systems; Process allocation; Process communication and synchronization; Memory management; Virtual memory system; Resource allocation algorithms; File system implementation; Security and protection; Strategies for system implementation. **Prerequisites:** ENG-210

## **NET 310 Network Management**

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. **Prerequisites:** NET-222

## **NET 310 Network Protocols**

Class-full addressing, classless addressing, and sub-netting; Delivery and routing of IP packets; Address resolution: ARP and RARP; IP protocol; Network troubleshooting: ICMP; Network design and performance; User datagram protocol (UDP); Transmission control (TCP); Routing protocols: RIP, OSPF,

BGP and multi-protocol label switching & GMPLS.

### **NET 320 Advanced Switching and Routing**

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. **Prerequisite:** NET-120

### **NET 320 Database Systems**

Database concepts; Relational databases; Conceptual and logical design; Entity-Relationship model; Normalization; Querying techniques; Data definition and manipulation using SQL; database security; Database administration; physical database design. **Prerequisite:** SWS-120

### **NET 321 Security Principles and Practices**

This course introduces security theory and practice. Security policies, models, and mechanisms are explained and evaluated. Topics include: Security threats, vulnerabilities and countermeasures; Risk analysis; Trojan horses, viruses, and worms; Access control; password-based security, authentication and authorization; multilevel security; Operating system security; Network attacks; Firewalls and intrusion detection systems. **Prerequisite:** NET-310

### **NET 322 Network Operating System**

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. **Prerequisite:** NET-300

### **NET 323 Network Management**

Network management and protocols such as SNPM, CMIP and RMON as well as traffic analysis and network performance evaluation software systems; Reliability concepts; Architectures for system observation and control; System utilization and traffic classification; Network management tools.

**Prerequisite:** NET-310

### **NET 323 Voice and IP Convergence**

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). **Prerequisite:** NET-110

## **NET 324 Internship**

Internship is a course designed to provide students with opportunities to gain work experience in real world situations, to practice critical thinking, to solve real problems, 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, systems, software) and make some decisions. **Prerequisite:** College Level YR3 or 80 Earned Cr.H

## **NET 403 - Mobile Security**

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. **Prerequisite: NET-220**

## **NET 405 - Virtualization and Cloud Computing**

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. **Prerequisite: NET-320**

## **NET 406 - Cloud Architecture**

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.

**Prerequisite: NET-405**

## **NET 410 - Enterprise Network Design**

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. **Prerequisite: NET-222**

### **NET 411 Network Design Project**

This course enables the student to further enhance the design and project planning skills acquired in earlier courses. Students shall apply their consulting skills through the process of the requirement analysis of a real life design problem. This initial client need analysis will be followed by a proposed solution (network design), installations, and thorough testing using the latest network performance evaluation tools. A final network solution will be presented to the multi-disciplinary audience. The instructions on how to use it for the specified application will be given in both writing and documentation. The technology with all documentation will be transferred to the client. **Prerequisite:** NET-310

### **NET 412 Applied Research Project**

The project illustrates research as the systematic process of collecting and analyzing information to increase our understanding of the phenomenon under study. The course studies the relationship and applicability of theories or principles to the solution of a problem. It offers to the student tackling basic research methodology as well as formulating a research problem or topic. The student should conduct a project in researching the proper explanations or understanding of the issue or topic under investigation. **Prerequisites:** MTH-130 and SWS-320

### **NET 412 Internet Computing**

Provides a global view of web-based enterprise information services and covers the basic components of such a system, including web servers, client side components, server side components, http protocols, html and scripting languages, as well as e-commerce and intranet application structures, including security issues. It includes specific projects in programming servers and clients. Students will look at multiple technologies using case studies used today, including Microsoft/.NET, Java J2EE technology, Oracle tools, XML/SOAP, and others. Course will give a broad look at current technologies, as well as an in-depth study of a specific technology.

### **NET 413 Cryptographic Algorithms and Protocols**

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.

### **NET 420 Advanced Network Troubleshooting**

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. **Prerequisites:** NET-222

## **NET 420 Network Design and Implementation**

Network planning and design; Network emulation and implementation quality of service networking (QoS) and integration of network technologies to design and build networks based on specific requirements; Network migration techniques; Configuration of networking hardware devices (routers, firewalls and switches); Network performance and troubleshooting. **Prerequisite:** NET-310

## **NET 421 Integrative Project 1**

This project provides the students with opportunities to demonstrate the learning they acquired, to apply critical thinking, to further develop their design skills, and to 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. Integrative Projects in industrial environment with the co-supervision by an industrial expert are encouraged. **Prerequisite:** YR4

## **NET 422 Integrative Project 2**

This project provides the students with opportunities to demonstrate the learning they acquired, to apply critical thinking, to further develop their design skills, and to 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 integrative project I. Integrative Projects in industrial environment with the co-supervision by an industrial expert are encouraged. **Prerequisite:** NET-421

## **NET 423 Voice Over IP**

This course addresses Voice / IP Convergence (VoIP), which is related to the following context: Technology trends to allow voice, data, fax and video signals co-exist on a common networking platform. Topics include: Concepts of IP-based packet networks, Characteristics of the Internet and IP, The VoIP Model; Digital Signal Processors for VoIP; Voice Coders, Bandwidth Calculations; trade-offs of packet size, queue size, packet loss, and packet latency, RSVP, Diff Serv, RTP, NTP, multicasting, Session Description Protocol (SDP); VoIP Gateways and IP Call Processing Protocols, Internetworking SS7 and Internet Call Processing; Quality of Service (QoS). **Prerequisite:** Net-310 Lec and Com-310

## **NET 424 Broadband Communication**

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. **Prerequisite:** NET-110

## **NET 433 Broadband Communications**

Experts believe that much of the economic growth that has taken place in the world in recent years has resulted from the use of broadband networks and high speed Internet access. This course will provide a

detailed analysis of broadband infrastructure, technologies and services. Course content will also focus on industry standards and global services. Students will be able to use this knowledge to investigate the application of broadband technology into various silos of industry such as: government, health and education. **Prerequisite:** NET-120

**NET 440                  CNET Project-1**

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. **Pre-Requisite: Completed 100 Cr.H**

**NET 441                  Graduation Project-2**

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. **Pre-Requisite:NET-440**

**NNS 325        The Business of Journalism**

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. **Prerequisite: None**

**PLX 111        Imagining the Creative City**

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. **Prerequisite: None**

**PRA 200        Principles of Public Relations**

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. **Prerequisite: None**

**PRA 205        Crisis Communication**

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. ***Prerequisite: MCM 100***

**PRA 210      Writing for Public Relations**

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. ***Prerequisite: MCM 200***

**PRA 220      Research Methods for PR**

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. ***Prerequisite: MCM 140***

**PRA 230      Online Public Relations**

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. ***Prerequisite: PRA 220***

**PRA 310      Brand Value and Reputation Management**

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. ***Prerequisite: PRA 200 or AIMC 200***

**PRA 315      Management in PR Agencies**

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. **Prerequisite: MCM-240**

#### **PRA 420 PR Capstone Project**

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. **Prerequisite: PRA 200 & 315**

#### **PRA 425 International Public Relations**

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. **Prerequisite: PRA 200**

#### **PRA 430 E-Portfolio & Internship II for PR**

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. **Prerequisite: MCM-431**

#### **PRA 200 Writing for Public Relations**

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 & business organizations. The course aims to help students develop the writing and editing skills necessary to succeed in a public relations career. **Prerequisite:** None

#### **PRA 205 Strategic Communications**

This course introduces students to the fundamentals and functions of strategic communications. Students will comprehend the main concepts and theories of strategic communication, and develop an understanding of the applications of strategic planning in public relations, integrated communication and international development. **Prerequisite:** PRA-210

### **PRA 210 Public Relations Campaigns**

This course examines what is involved in the process of planning and managing public relations campaigns. It introduces students to the skills that are required and to the strategic planning process for designing and implementing internal and external public relations campaigns: using research to analyze the situation, developing a strategic action plan, executing and evaluating the campaign. Students will be expected to produce a campaign plan on an issue of public interest. **Prerequisite:** None

### **PRA 215 Applied Public Relations**

The aim of this course is to review a wide range of case studies and experiences in public relations from around the world. It covers a variety of issues handled by PR departments such as oil spills, medical fiascos, power failures, consumer fraudulence, and others.. **Prerequisite:** PRA-200

### **PRA 225 Protocol**

This course aims to introduce students to the concepts of protocol in public affairs and it covers protocol issues related to global engagement and advocacy. The focus of the course is on different types of protocol activities and on how they are planned and implemented within a public affairs context.

**Prerequisite:** PRA-200

### **PRA 310 Online Public Relations**

The Internet as a communication tool; virtual public relations; principles and techniques of online public relations; managing public relations online; the online PR practitioners; virtual PR in the UAE; cases studies. **Prerequisite:** MCM-310

### **PRA 315 Public Relations Management**

This course surveys the function of public relations and its role in contemporary organizations. Its focus is on public relations as a strategic management process that is aimed at helping organizations enhance their effectiveness through strong reputations and mutually beneficial relationships with key stakeholders. Research findings on excellence in public. **Prerequisite:** PRA-200

### **PRA 320 Corporate Publication Design**

This course introduces students to fundamentals of corporate publications design. It covers computer-based designing skills of a wide-ranging publications including logos, brochures, banners, posters, business cards and letterheads. Emphasis is placed on Adobe design software, lab-based practice; field visits; productions of corporate publication designs; and analysis of several case studies. The ethical and copyrights aspects are also covered. **Prerequisite:** PRA 200

### **PRA 330 Social Marketing**

This course introduces to the students different concepts of social marketing in the modern societies.

These concepts include theories of social marketing, social marketing campaigns, audience research, planning social marketing, message development, production and diffusion, evaluation, and social marketing case studies. **Prerequisite:** PRA-215

#### **PRA 410     Organizational Communication**

This course aims to introduce the students to the main organizational communication theories, forms, channels and processes. The course covers the topics of: vertical and horizontal communication channels, organizational culture, organizational trust, crisis communications, and effective teams. Special emphasis is given to organizational effectiveness and public relations communications.

**Prerequisite:** PRA-315

#### **PRA 420     Graduation Project in Public Relations**

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. **Prerequisite:** Graduating Semester or YR4

#### **PRA 425     International Public Relations**

This course introduces students to the global perspective of public relations with an emphasis on corporate and agency public relations. A primary goal of the course is to help students become knowledgeable about the ever increasing development of the PR field across the world and the opportunities it offers, especially in government, transnational businesses, non-governmental organizations, and global agencies. This course covers PR in other countries and theoretical frameworks for the international practice. **Prerequisite:** MCM-100

#### **PSY 101              Psychology I**

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. **Prerequisite:** *None*

#### **PSY 102              Psychology II**

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.

**Prerequisite:** PSY-101

#### **PSY 200              Research Methods**

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. ***Prerequisite: MTH-195***

**PSY 205                  History of Psychology**

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. ***Prerequisite: PSY-102, GED-150***

**PSY 210                  Introduction to Cognitive Psychology**

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. ***Prerequisite: PSY-102, GED-150***

**PSY 220                  Perception**

Psychophysical, physiological and behavioural techniques and research findings concerning the visual, auditory, chemical and mechanical processing systems. ***Prerequisite: PSY-102***

**PSY 230                  Personality**

Classic and contemporary personality theories and their usefulness in analyzing behaviour. Recent empirical research. Personality measurement. ***Prerequisite: PSY-102***

**PSY 240                  Introduction to Learning**

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. ***Prerequisite: PSY-102***

**PSY 250                  Biopsychology**

The central nervous system, peripheral nervous system and hormonal regulation of the psychological processes of perception, motivation, learning, memory, cognition and communication. ***Prerequisite: PSY-102***

**PSY 260                  Abnormal Psychology**

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. ***Prerequisite:*** PSY-102, GED-150

**PSY 275                  Positive Psychology**

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. ***Prerequisite:*** PSY-102, GED-150

**PSY 280                  Developmental Psychology I: Infancy and Childhood**

Human development with emphasis on research and theories in the physical, cognitive, personality and sociocultural aspects on development of infants and children ***Prerequisite:*** PSY-210

**PSY 285                  Psychological Measurement and Testing**

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.

***Prerequisite:*** PSY-285

**PSY 290                  Neuropsychology**

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. ***Prerequisite:*** PSY-250

**PSY 300                  Social Psychology**

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). ***Prerequisite:*** PSY-260

**PSY 315                  Clinical Psychology**

A survey of diagnostic and treatment procedures and resources; professional duties and skills of the clinical psychologist; history of clinical psychology and current problems. ***Prerequisite:*** PSY-210

**PSY 320                  Community Psychology**

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. **Prerequisite:** PSY-300

**PSY 325                  Environment, Psychology and Action**

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. **Prerequisite:** PSY-320

**PSY 330                  Organizational Psychology**

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). **Prerequisite:** PSY-300

**PSY 340                  Educational Psychology**

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. **Prerequisite:** PSY-300

**PSY 350                  Internship**

This 6 to 8 weeks 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. **Prerequisite:** 81 Credit + CGPA min. 2.0 or above

**PSY 380                  Developmental Psychology II: Adolescence and Young Adulthood**

Human development with emphasis on research findings and theories in the physical, cognitive, personality and sociocultural aspects of adolescents and young adults development. **Prerequisite:** PSY-210

**PSY 385                  Psychology of Exceptional Children, Youth and Adults**

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. ***Prerequisite: PSY-260, PSY-380***

**PSY 405                  Drugs and Behavior**

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. ***Prerequisite: PSY-285, PSY-315***

**PSY 415                  Applied Social Psychology**

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. ***Prerequisite: PSY-300***

**PSY 425                  Health Psychology**

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. ***Prerequisite: PSY-260, PSY-300***

**PSY 430                  Research Paper in Education and Learning**

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. ***Prerequisite: PSY-200, PSY-285, PSY-340***

**PSY 431                  Research Paper in Behavioural and Cognitive Neuroscience**

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. ***Prerequisite: PSY-200, PSY-210, PSY-290***

**PSY 499                  Graduation Project**

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. ***Prerequisite: PSY-430***

**QBA 241                  Quantitative Business Analysis**

This course consists of two parts. The first part covers the most popular graphical and numerical

methods of descriptive statistics to summarize univariate data sets with a focus on their practical interpretation. The second part is an introduction to probability theory and commonly used discrete and continuous random variables which are generated by the Binomial distribution, Poisson Distribution, Uniform distribution, and Normal distribution and their applications. **Prerequisite:** None

### **QBA 341 Quantitative Approaches to Decision-making**

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. **Prerequisite:** QBA-241

### **RTA 101 Introduction to Media Theory and Practice**

This course provides an introduction to major media and new media theories, art movements and creative practices of the 20<sup>th</sup> and 21<sup>st</sup> 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. **Prerequisite: None**

### **RTA 315 Business of Creative Media**

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. **Prerequisite: None**

### **RTA 402 Social Media**

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. **Prerequisite: None**

### **RTA 404 Advanced Media Management**

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. ***Prerequisite: None***

#### **RTA 408 Business of Producing 1**

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. ***Prerequisite: None***

#### **RTA 415 Legal Issues in Media**

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. ***Prerequisite: None***

#### **RTA 418 Ethics in Media**

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. ***Prerequisite: None***

#### **RTA 427 Business of Music 1**

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. ***Prerequisite: None***

#### **RTA 488 International Media Storytelling**

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. **Prerequisite: None**

### **SCI 101    Engineering Mechanics**

This course offers an overview on Engineering Mechanics by providing the fundamental concepts necessary for engineering: After reviewing Vector Operations and Definitions it covers topics including Forces, Equilibrium and Free-Body Diagrams; 2D and 3D Force Systems; Moment; Couples; Equivalent Systems; Objects in Equilibrium; Structures in Equilibrium; Centroids and Centres of Mass; The Pappus-Guldinus Theorems; Moments of Inertia; Friction; Internal Forces and Moments.

### **SCI 201    Physics 2**

An overview on university physics including simple harmonic motion, damping, forced oscillations and resonance, thermodynamics, electricity and magnetism, waves in material media, sound waves, Doppler effect, reflection, refraction, geometrical optical, wave optics and diffraction, relativity, photons.

### **SCI 210 -    Modern Physics**

This course covers the concepts of Electrostatic, Magnetostatics, waves, Doppler effect, reflection, refraction, geometrical optics, light propagation, and thermodynamics. **Prerequisite: MTH-112**

### **SCI 220    Engineering Mechanics**

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.

**Prerequisite:** MTH-112

### **SCI 310    Introduction to Photonics**

This is an introductory course to geometrical and physical optics. Topics in geometrical optics include ray analysis, lenses, prisms, and equivalent systems. Topics in ondulatory optics include wave superimposition and Young's experiments. Topics in physical optics include polarization, interference, interferometry, diffraction, fiber optics, lasers and scalar theory of diffraction. **Prerequisites:** MTH-220 and ENG-222

### **SCM 310    Supply Chain Management**

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. **Prerequisite:** QBA-341, MGT-361

### **SCM 313    Logistics and Transportation Management**

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. **Prerequisite:** SCM-310

#### **SCM 314 Global Supply Chain Management**

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. **Prerequisite:** MGT-361

#### **SCM 315 Procurement and Supply Management**

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. **Prerequisite:** SCM-310

#### **SCM 401 Supply Chain Information Technology**

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 **Prerequisite:** SWS-351, SCM-310

#### **SCM 403 Supply Chain Modeling & Simulation**

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. **Prerequisite:** SCM-310, MGT-361

#### **SCM 404 Supply Chain Risk Management**

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.

**Prerequisite:** QBA-341, SCM-310

#### **SCM 405 Quality and Lean Management**

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. **Prerequisite:** MGT-361

#### **SCM 406 Sustainable Supply Chains**

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. **Prerequisite:** SCM-310

#### **SCM 409 Strategic Operations and Supply Chain Management**

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. **Prerequisite:** SCN-310,SCM-404

#### **SHS 100 Principles of Public Health**

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. **Pre-requisite** None

**SHS 102                    Healthcare Systems**

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. **Pre-requisite** None

**SHS 103                    Chemistry**

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. **Pre-requisite** None

**SHS 104                    Health Economics**

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. **Pre-requisite** None

**SHS 105                    Organic Chemistry**

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. **Pre-requisite** SHS103

**SHS 111                    Fundamentals of Human Systems**

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. **Prerequisite:** BIO 101

**SHS 200                  Global Health**

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. **Pre-requisite** None

**SHS 220                  Applied Medical Terminology**

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. **Pre-requisite** None

**SHS 205                  Biochemistry**

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. **Pre-requisite** SHS-105

**SHS 207    Library Science and Information Literacy**

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. **Prerequisite:** GED 101

**SHS 208                  Infectious Diseases**

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. **Pre-requisite** None

### **SHS 211              Chronic and Non-Infectious Diseases**

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. **Pre-requisite** None

### **SHS 212    Health Planning**

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. **Prerequisite:** SHS 102

### **SHS 213    Introduction to Healthcare Quality Management**

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. **Prerequisite:** HOM 101

### **SHS 311    Human Resources Management in Healthcare**

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. **Prerequisite:** HOM 101

### **SHS 312    Measuring Performance in Healthcare Organizations**

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. **Prerequisite:** SHS 213

#### **SHS 314 Health Economics and Financial Management**

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. **Prerequisite** none

#### **SHS 400 Internship**

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. **Pre-requisite** 81 Cr.H

#### **SHS 401 Healthcare Ethics**

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. **Prerequisite:** 81 Cr.H

#### **SHS 402 Performance and Service Improvement in Healthcare**

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. **Prerequisite:** SHS 312

**SHS 410                  Public Health Ethics**

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. **Pre-requisite** 81 Cr.H

**SHS 411                  Leadership**

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. **Pre-requisite** 81 Cr.H

**SHS 420                  Career Tasks & Challenges in Public Health**

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. **Pre-requisite** 81 Cr. H

**SHS 430                  Applied Research**

This course consists of conducting a research study in the field of environmental health management 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. **Pre-requisite** 81 Cr.H

**SHS 411    Governance and Leadership**

This course presents an overview of the concept of governance and its role in healthcare organizations. Topics include: Historical Development of Management Theory, Differences between leadership and management, Evolution of Leadership theory, Decision making and Problem solving, Implementing planned change and the change theory, Decentralization and Participatory management, Communication and Creating a motivating climate, Organizational, Interpersonal, and group communication, Delegation, Managing conflict, Supervising, Controlling and Evaluating. **Prerequisite:** 81 Cr.H

### **SPT 112    Introduction to Sport Management**

This course is designed to provide students with the fundamentals and functions of sport administration in terms of administration responsibilities, organizational structure, finance, economics, human resources, marketing, decision making, assessing risk management and conflicts solving, ethics, skills and competencies necessary for sport administrators. **Prerequisite:** None

### **SPT 212    Sports Nutrition**

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. **Prerequisite:** None

### **SPT 222    Planning & Management of Sport Facilities**

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 understand the importance of planning and management of sport facilities with emphasis on the new technological trends in all aspects of sports facilities. **Prerequisite:** SPT-112

### **SPT 311    Sports Governance/Agents**

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. **Prerequisite:** None

### **SPT 312    Sport Organizations**

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 efficiency and addressing and solving organizational conflicts **Prerequisite:** SPT-112

### **SPT 321    Sport Coaching**

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. **Prerequisite:** None

### **SPT 331    Leadership in Sport Organization**

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. **Prerequisite:** None

#### **SPT 421 Sport Event Management**

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. **Prerequisite:** None

#### **SPT 422 Sport & Media**

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. **Prerequisite:** None

#### **SPT 441 Sport Law**

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.

**Prerequisite:** None

#### **SUS-461 Sustainability Specialized Design Studio**

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 3<sup>rd</sup> 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. **Pre-requisite: 300 series**

#### **SUS-462 Sustainability Senior Project – Design (Studio)3-6-6**

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 & ARC 342). ***Pre-requisite:*** ***SUS-461 & SUS 430 or 431 or 432***

**SUS-430                    Sustainable Urban Planning & Design                    3-0-3**

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. ***Pre-requisite 300 series***

**SUS-431****Ecological Design****3-0-3**

SUS-431 represents the culmination of theoretical studies into the intrinsic relationships between architecture and 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. ***Prerequisite 300 series***

**SUS-432****Sustainable rating Systems****3-0-3**

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. ***Pre-requisite 300 series***

### **SWS 110 - Programming I**

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.

***Prerequisites: None***

### **SWS 211 System Analysis and Design**

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. ***Prerequisites: SWS-316***

### **SWS 212 Database-Driven Web Applications**

This course introduces students to the more advanced techniques required to build complex, modern database driven applications. Based on previous knowledge of Web design principles, XHTML and CSS, this course covers the client-side and server-side processing that enables database interactions in dynamic intranet and Internet applications. Related Topics/Contents in Web application security, deployment, and maintenance are also taught. All these concepts will be applied in a group project that implements a fully functional database driven Internet application. ***Prerequisite: None***

### **SWS 213 Database Design**

This course teaches the students the core concepts related to relational databases, including the general architecture, conceptual, logical and physical design, querying techniques, and security features. Topics include: Introduction to Databases, Relational Model, Relational Algebra, Data Manipulation Using SQL, Data Definition Using SQL, Queries Using QBE, Database Analysis and Design Techniques, Entity-Relationship Modeling, Normalization, Conceptual and Logical Database Design, Physical Database Design, Monitoring, and Tuning, Database Security. ***Prerequisite: None***

### **SWS 215 - Web Development**

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 server side. They will build complete applications that utilize the full-stack standards and technologies such as HTML5, CSS, and JavaScript. **Prerequisite: BCS-306**

### **SWS 315 - Mobile Application Development**

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. **Prerequisite: SWS-215**

### **SWS 316 - Programming II**

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.

**Prerequisites: SWS-110**

### **SWS 320 Operational Research**

The course begins with a brief review of Linear Algebra before proceeding to the discipline of Operations Research. Operations Research is a scientific approach to decision making that seeks the optimal design and operation of a system under conditions requiring the allocation of limited resources. This involves an introduction to Model Building, Linear Programming, The Simplex Algorithm, sensitivity analysis and duality. Additional Topics/Contents include The Transportation Problem, The Assignment and Transshipment Problems, Network Models and Integer Programming. **Prerequisite: MTH-120**

### **SWS 351 - Management Information Systems**

This course provides students with a better understanding of the role and impact of information systems on business decisions. Topics include: role of IS in the enterprise, Electronic Business and Electronic Commerce, IT Infrastructure and Platforms, Telecommunications and Wireless revolution, the different types of IS including Enterprise Applications and Business Process Integration, Foundation on database Design, Ethical & Social Issues in IS. **Prerequisites: GED-101E or SWS-110**

### **SWS 400 - Data Warehousing**

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. **Prerequisites:** BCS-306

**SWS 401 - Web Services Integration**

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. **Prerequisites:**

**NET-405**

**SWS 421 - Cryptographic Protocols and Algorithms**

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. **Prerequisites:**

**NET-220**

**SWS 405 - Applied Artificial Intelligence**

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. **Pre-requisite:** BCS-205, BCS-206 or SWS-316, MTH-130

## Course Descriptions - Arabic

|  |   |
|--|---|
| <b>النظم الإيكولوجية وصحة الإنسان</b><br>يقدم هذا المنساق للطلاب الأسس العامة والمصطلحات الخاصة بالحاسب الآلي ، بحيث يصبح لهم خبرة كبيرة بتطبيقات برامج الحاسوب الآلي التجارية العامة من خلال التدريب في المعامل على نظام تشغيل وندوز ميكروسوفت ، وأوفيس ميكروسوفت ، (اللورد ، الإكسل ، والأكسس) مع التأكيد على استخدام الكتابة على الصفحات المتقابلة والبيانات الرئيسية في مجال الأعمال والشركات .<br><b>المتطلب السابق:</b> لا يوجد  | 101      GED <b>تطبيقات في برمجيات الحاسوب</b>          |
| <b>مهارات الاتصال في اللغة العربية 1</b><br>يطمح هذا المنساق إلى تحقيق مجموعة من المهارات التعليمية الأساسية لبناء شخصية الطالب الجامعي بناءً ثقافياً يواكب حياته المهنية ، ويدفعه نحو آفاق ثقافية تساعد على بلوغ مرحلة متقدمة من مراحل استخدام اللغة العربية في المجال العلمي ، والبحث الأكاديمي .<br><b>المتطلب السابق:</b> لا يوجد  | 196      GED <b>مهارات الاتصال في اللغة العربية 1</b>   |
| <b>الثقافة الإسلامية</b><br>يقدم هذا المنساق تعريفاً بالإسلام من حيث مبادئه وثقافته. كما يهدف إلى بيان خصائص الثقافة الإسلامية ومصادرها وأهميتها بين الثقافات الأخرى. ويرمي المنساق إلى مساعدة الطالب على الربط بين المبادئ الإسلامية ومجالات النشاط الإنساني في الاقتصاد والتدبر السياسي وأحوال الأسرة وحقوق الإنسان والعلمة وغير ذلك من القضايا المعاصرة. كل هذا من أجل إمداد الطالب بعناصر الفكر الإسلامي الوسطى المشجع على الحوار وتبادل المنافع بين الثقافات والأديان المختلفة.<br><b>المتطلب السابق:</b> لا يوجد | 198      GED <b>الثقافة الإسلامية</b>                   |
| <b>مجتمع دولة الإمارات العربية المتحدة</b><br>هذا المنساق يعتبر مقدمة لمجتمع الإمارات في جوانبها السياسية والجغرافية والثقافية والديموغرافية والإجتماعية. ويتم تشجيع الطالب على التفكير في تطور المجتمع في ضوء المتغيرات السريعة التي أحدثتها الحداثة والعلمة. وتشمل الموضوعات: جغرافيا وتاريخ الإمارات ، وجوانب من الحياة السياسية والاقتصادية والتنمية الاجتماعية ، والحياة الثقافية قبل وبعد اتحاد دولة الإمارات العربية المتحدة.<br><b>المتطلب السابق:</b> لا يوجد   | 199      GED <b>مجتمع دولة الإمارات العربية المتحدة</b> |
| <b>العلم والتكنولوجيا في المجتمع</b><br>يتتحقق هذا المنساق من أهداف ، وطرق ونتائج البحث العلمي في التاريخ البشري ، بما في ذلك تأثير التطورات العلمية والتكنولوجية على المجتمعات ، والثقافات والأنظمة السياسية. كما يناقش المنساق الدراسي أيضاً بعض النزاعات الفلسفية التي تثيرها تلك التطورات وأثارها السياسية والأخلاقية على المجتمعات.<br><b>المتطلب السابق:</b> لا يوجد   | 132E      GED <b>العلم والتكنولوجيا في المجتمع</b>      |
| <b>علم النفس (1)</b><br>يقدم هذا المنساق الحالي طرقاً لفهم السلوك الإنساني والحيواني ويقدم تاريخ علم النفس يبين من خلاله الارتباط بين فروع علم النفس المختلفة . وموضوعات المنساق مثل مناهج البحث ، الأسس البيولوجية ، الإحساس & والإدراك ، الشعور ، الأضطرابات النفسية ، والعلاج<br><b>المتطلب السابق:</b> لا يوجد   | 101      PSY <b>علم النفس (1)</b>                       |
| <b>علم النفس (2)</b><br>يتم مناقشة طرق فهم سلوك الإنسان والحيوان يستكمل هذا المنساق المقدمة لعلم النفس ويبين كيفية دمج الجوانب المختلفة من خلال تغطية موضوعات مثل مناهج البحث ، والإحساس والإدراك ، والذكرة ، واللغة والتفكير ، والذكاء والاختبار ، والدافعية والعاطفة ، والتطور ، والضغط النفسي وكيفية التعامل معه ، وعلم النفس المجتمعي ، وعلم النفس الاجتماعي .<br><b>المتطلب السابق:</b> لا يوجد   | 102      PSY <b>علم النفس (2)</b>                       |
| <b>مناهج البحث</b><br>المتطلب السابق 195 MTH   | 200      PSY <b>مناهج البحث</b>                         |

يهدف هذا المنسق إلى تطوير فهم الأدوات الإحصائية لاستخدامها في تقديم وتحليل البيانات النفسية. وسوف تتضمن الموضوعات أساسيات الطرق العلمية وتصميم البحث وتفسير نتائج البحث. وسنولي اهتمام خاص بأخلاقيات البحث. وستتوفر جلسات المختبر الخبرة العملية في جوانب متعددة من البحث بما في ذلك التوضيحات والتجارب وإعداد التقارير.

**PSY 102 GED 150 المتطلب السابق 210 PSY مقدمة في علم النفس المعرف**

يتناول هذا المنسق المنهج المعرفي في العمليات النفسية مثل : الإدراك ، الانتباه ، الذاكرة ، اللغة ، التفكير ، حل المشكلات ، ويؤكد على النظريات والدراسات التجريبية الخاصة بالجانب المعرفي في تفعيل المعلومات .

**PSY 102 المتطلب السابق 220 PSY الإدراك**

الأساليب النفسية الفيزيائية والفسيولوجية والسلوكية بالإضافة إلى نتائج البحث المتعلقة بأنظمة المعالجة المرئية والمسموعة والكميائية والميكانيكية.

**PSY 102 المتطلب السابق 230 PSY الشخصية**

النظريات الكلاسيكية والمعاصرة للشخصية وفائدتها في تحليل السلوك. بحوث تجريبية حديثة. قياس الشخصية.

**PSY 102 المتطلب السابق 240 PSY مقدمة في التعلم**

يهدف هذا المنسق إلى إمداد الطالب بنظرية عامة على المفاهيم والمناهج التجريبية والرؤى النظرية في دراسة التعلم والسلوك. وسيتضمن المنسق التطرق لموضوعات مثل السوابق التاريخية واستخدام الحيوان في البحث والتعود والإحساس والاشتراك الكلاسيكي (البافلوفي) والاشتراك الأدائي (الإجرائي) وأساليب التعزيز والتحكم في المثيرات والتجنب والعاقب والبنية الترابطية والإدراك الحيوي والذاكرة .

**PSY 102 المتطلب السابق 250 PSY علم النفس الحيوي**

الجهاز العصبي المركزي والجهاز العصبي الطرفي والتنظيم الهرموني للعمليات النفسية للإدراك والدافعة والتعلم والذاكرة والمعرفة والاتصال.

**PSY 102 GED 150 المتطلب السابق 260 PSY علم نفس الشواذ**

مقدمة لنظريات وأبحاث في علم النفس المرضي والسلوك الشاذ وذلك بالتركيز على وجهات النظر التاريخية والعالمية. كما سيركز المنسق على العوامل البيولوجية والنفسية والمجتمعية في السلوك الشاذ بما في ذلك دور السياق الثقافي والشخصي وال العلاقات الشخصية.

**PSY 210 المتطلب السابق 280 PSY علم النفس النمائي (1) مرحلة المهد والطفولة**

نمو الإنسان بالتركيز على الأبحاث والنظريات في الجوانب الجسمية والمعرفية والشخصية والاجتماعية الثقافية وتأثيرها على نمو الرضع والأطفال.

**PSY250 المتطلب السابق 290 PSY علم النفس العصبي**

العلم العصبي السلوكي أو علم النفس العصبي هو ذلك المجال الذي يركز على كيفية قيام المخ وألياته الفسيولوجية والوراثية والتنمية بتشكيل السلوك. وبشكل خاص، يختبر هذا المنسق طرق البحث وتسجيل وفهم العلاقة الوطيدة بين المخ والسلوك، بينما يناقش أيضاً أخلاقيات تطوير دراسة وتطبيق هذا المجال في الحياة. وسيتم تقديم العديد من أدوات التصوير العصبي المختلفة في هذا المنسق لتوضيح طرق البحث والتطوير المذكورة أعلاه.

**PSY 260 المتطلب السابق 300 PSY علم النفس الاجتماعي**

مقدمة للدراسة العلمية حول كيفية تفكير الأشخاص، وتأثيرهم، وارتباطهم ببعضهم البعض. وتتضمن الموضوعات كلاً من: الإدراك الاجتماعي، والذات والهوية، والاتجاهات وتغيير 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).

مقدمة لكل من الفهم التصوري والتجريبي للقضايا والمواضيعات 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.

مقدمة حول الدراسة العلمية للسلوك البشري في الواقع 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).

تطبيقات علم النفس في البيانات التعليمية، مع التطرق إلى موضوعات مثل التطور الاجتماعي والأخلاقي والمعنوي، ونظريات التعلم، والأساليب التعليمية الفعالة، والفرق الفردية والتقييم.

التطور البشري مع التركيز على نتائج الأبحاث والنظريات في النواحي الجسمية، والمعنوية، والشخصية والثقافية الاجتماعية في تطور المراهقين والشباب.

نظرية، وطريقة وتطبيق الاختبارات والقياسات النفسية. وسيتعلم الطلاب كيفية إجراء وتقدير الاختبارات النفسية. وسيتم استعراض اختبارات قياسية للذكاء، والقدرات، والاهتمامات الشخصية، كما سيتم مناقشة المشكلات الأخلاقية في استخدام الاختبارات النفسية.

مسح شامل حول إجراءات ومصادر التشخيص والعلاج، والواجبات والمهارات المهنية لأخصائي علم النفس الإكلينيكي، وتاريخ علم النفس الإكلينيكي والمشكلات الحالية.

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. ويتبين هذا المساق منهج التعلم القائم على خدمة المجتمع ويتضمن خبرة تحديده 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 ومحنتهم المساق بشكل حاسم باستخدام إطار العدالة البيئية. يتطلب المساق تحديد تعلم/مجال لخدمة المجتمع.

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 وتقديم المواد على النحو المنصوص عليه في عقد التعلم.

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| <b>المتطلب السابق PSY 285/315</b> | <b>المخدرات 405 PSY</b> |
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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.

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| <b>المتطلب السابق PSY 300</b> | <b>علم النفس الاجتماعي والتطبيقي 415 PSY</b> |
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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 وال العلاقات الدولية.

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| <b>المتطلب السابق PSY 260/300</b> | <b>علم نفس الصحة 425 PSY</b> |
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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.

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| <b>المتطلب السابق PSY200/285/340</b> | <b>ورقة بحث في التربية والتعليم 430 PSY</b> |
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يختار الطالب موضوع مناسب، ويقومون بتصميم وتنفيذ البحث، وكتابة ورقة بحثية توضح الكفاءة في المحتوى والطريقة في التعليم والتعلم. ويقابل الطالب بانتظام كمجموعة مع المحاضر، وبشكل فردي مع مرشد من أعضاء هيئة التدريس.

|                        |   |
|------------------------|---|
| <b>PSY 200/201/290</b> | <b>ورقة بحث في العلوم السلوكية المتطلب السابق 431 PSY</b> |
|------------------------|---|

يختار الطالب موضوع مناسب، ويقومون بتصميم وتنفيذ البحث، وكتابة ورقة بحثية توضح الكفاءة في المحتوى والطريقة. ويقابل الطالب بانتظام كمجموعة مع المحاضر، وبشكل فردي مع مرشد من أعضاء هيئة التدريس.

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|-------------------------------|--------------------------|
| <b>المتطلب السابق PSY 430</b> | <b>مشروع بحث 499 PSY</b> |
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يختار الطالب موضوع مناسب ويقوموا بتصميم وإجراء بحث بالإضافة إلى كتابة تقرير عن المشروع لإثبات الكفاءة في كل من المحتوى والطريقة المستخدمة. ويقابل الطالب بشكل منتظم كمجموعة مع المدرب فردياً مع مشرفهم.

|                              |                                     |
|------------------------------|-------------------------------------|
| <b>المتطلب السابق لايوجد</b> | <b>مبادئ العلوم البيئية 201 ENV</b> |
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يقدم هذا المساق للطلاب مجموعة من العلوم البيئية عن طبيعة الدراسات البيئية تتضمن مجموعة من الموضوعات التالية : الأثر البيئي ، التنوع البيولوجي ، تلوث الهواء والماء ، إنتاج الطعام ، مصادر التربة ، تآكل التربة ، الطاقة ، النفايات المنزلية والنفايات الخطرة ، تزايد التلوث ، الأخلاق والسياسة . وقد تم مناقشة طرق التحكم ومنع التلوث في إطار من الياقات العامة المستدامة .

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| <b>المتطلب السابق ENV-201</b> | <b>الميكروبيولوجيا البيئية 302 ENV</b> |
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يغطي هذا المساق جوانب أساسية في علم الأحياء الدقيقة فيما يتعلق بالصحة البيئية. وتتيح جلسات المختبر للطلاب فهم أفضل لبنيّة، وفسيولوجيا وتنوع الكائنات الدقيقة. وتتضمن الموضوعات: المجهر، وبنية الخلية والتصنيف، وتنوع

الكائنات الدقيقة، والفيسيولوجيا 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.

**308 ENV الصحة البيئية للمجتمع المتطلب السابق ENV-201**

يتناول هذا المساق الصحة العامة ومبادئ إدارة المشكلات المجتمعية المتعلقة بالتخلص من النفايات، ومكافحة ناقلات الأمراض، وحماية الأطعمة والألبان، وحمامات السباحة، وأنشطة التجديد. وتشمل الموضوعات: العائد المستدام والعلاج الطبيعي، والمرض المتكرد بيئياً، 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

**205 PSY تاريخ علم النفس المتطلب السابق PSY-102, 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.

**275 PSY علم النفس الإيجابي المتطلب السابق PSY-102, GED-150**

وهو نهج معرفي لعمليات النفسية مثل الإدراك والانتباه والذاكرة واللغة والتفكير وحل المشكلات. ويكون ذلك من خلال التركيز على النظريات والدراسات التجريبية داخل المجال المعرفي لمعالجة المعلومات البشرية.

**161 . LNG لغة إنجليزية 1**

LNG 171 exposes students to academic reading and writing skills. It provides instruction and practice in academic reading skills, and requires students to implement writing strategies and participate in classroom discussions. Students will also demonstrate reading comprehension through summarizing and paraphrasing key passages and acquire the skills necessary for success in the first year courses in their major programs.

**162 LNG لغة إنجليزية 2**

The course focuses on the refinement of reading and writing skills for increased success in the students' major programs of study. It is designed to familiarize students with the critical reading and analytical writing skills through the use of a variety of rhetorical devices, purpose, tone and style to develop critical reading and thinking skills.

**198E GED الثقة الإسلامية**

يقدم هذا المساق تعريفاً بالإسلام من حيث مبادئه وثقافته. كما يهدف إلى بيان خصائص الثقافة الإسلامية ومصادرها وأهميتها بين الثقافات الأخرى. ويرمي المنساق إلى مساعدة الطالب على الربط بين المبادئ الإسلامية ومجالات النشاط الإنساني في الاقتصاد والتدين السياسي وأحوال الأسرة وحقوق الإنسان والعلمية وغير ذلك من القضايا المعاصرة. كل هذا من أجل إمداد الطالب بعناصر الفكر الإسلامي الوسطي المشجع على الحوار وتبادل المنافع بين الثقافات والأديان المختلفة.

**195 MTH الإحصاء التطبيقي**

تم تصميم هذا المنساق لإكساب الطلاب المهارات الالزمة في أساسيات الإحصاء. ويتناول الجزء الأول من هذا المنساق الإحصاء الوصفي مثل جدولة البيانات وعرضها في صورة رسومات بيانية. ويتناول الجزء الثاني نظرية الإحتمال الأساسية بما يتضمن ذلك المتغيرات المتصلة والمقطعة مع التركيز على التوزيع الطبيعي. بينما يتناول الجزء الثالث تطبيقات التوزيع الطبيعي وحدود الثقة واختبار النظرية الفرضية. أما الجزء الرابع فيتناول الإنحدار الخطى والإرتباط.

**101 GED تطبيقات في برمجيات الحاسوب**

يقدم هذا المنساق للطلاب الأسس العامة والمصطلحات الخاصة بالحاسب الآلى ، بحيث يصبح لهم خبرة كبيرة بتطبيقات برمج الحاسوب الآلى التجارية العامة من خلال التدريب في المعامل على نظام تشغيل وندوز ميكروسوفت ، وأوفيس ميكروسوفت ، (اللورد ، الإكسل ، والأكسس) مع التأكيد على استخدام الكتابة على الصفحات المتقابلة والبيانات الرئيسية في مجال الأعمال والشركات

**140E GED أساسيات الإبتكار وريادة الأعمال**

يخصص هذا الممساق لدولة الإمارات العربية المتحدة ، ويستخدم الخبرات العملية في تدريس التجديد وريادة الأعمال بجامعة ستانفورد التي تحرص تحقيق التجديد وزيادة معدلات النمو. ويهدف الممساق إلى تخريج جبل من القادة في دولة الإمارات العربية المتحدة أفكاره مبنية على أساس من التجديد وريادة الأعمال وتنمية المهارات المتصلة بهذا المجال. ويكون الممساق من ثلاث نماذج صُممَت لكي يتم تعلمها في 15 أسبوع من منتصف فصل دراسي .

- النموذج الأول : التفكير الخلاق .
- النموذج الثاني : رياضة الأعمال .
- النموذج الثالث : النمو القيادي .

معظم الورش العلمية تشتمل على: المحاضرة، المناقشة، الأنشطة التفاعلية في المحاضرة، وفتح باب النقاش لأسئلة وأجوبة إذا سُنحت الفرصة لوجود خبير أو أستاذ زائر. وتكون الورشة العلمية من بعض العناصر التي سنذكرها لاحقاً وهي ملخص للورشة العلمية وما يتم بالمواد التي تقرأ والفيديوهات التي سوف تتم مشاهدتها قبل الورشة العلمية ومجموعة من الأسئلة الدراسية ومجموعة من الأسئلة الدراسية التي تطرح قبل بداية النقاش داخل المحاضرة

#### **GED 199E مجتمع دولة الإمارات العربية المتحدة**

هذا الممساق يعتبر مقدمة لمجتمع الإمارات في جوانبها السياسية والجغرافية والثقافية والديموغرافية والإجتماعية. ويتم تشجيع الطلاب على التفكير في تطور المجتمع في ضوء المتغيرات السريعة التي أحدها الحداثة والعلمة. وتشمل المواضيع: جغرافي و تاريخ الإمارات ، وجوانب من الحياة السياسية والاقتصادية والتنمية الإجتماعية ، والحياة الثقافية قبل وبعد اتحاد دولة الإمارات العربية المتحدة.

#### **GED 110E تقدير الفن الحديث**

يتناول الممساق دراسة الواقع الفني العالمي من الرسومات واللوحات والتماثيل والفن المعماري كأمثلة على الانجازات الحضارية في مجال الفن البصري. كما يتناول دراسة تفصيلية لبعض النماذج وفهمها في ضوء الحاجات المتنوعة للمجتمع وبشكل خاص التغييرات في الشكل والأسلوب والوظيفة. ويتعرف الطالب على الاتجاهات المتميزة للفن البصري خلال الحضارة الإنسانية ويركز الممساق على النماذج الفنية من القرن التاسع عشر حتى الوقت الحالي.

#### **GED 196E مهارات التواصل باللغة العربية 1**

يطمح هذا الممساق إلى تحقيق مجموعة من المهارات التعليمية الأساسية لبناء شخصية الطالب الجامعي بناءً ثقافياً يوافق حياته المهنية ، ويدفعه نحو آفاق ثقافية تساعد على بلوغ مرحلة متقدمة من مراحل استخدام اللغة العربية في المجال العلمي ، والبحث الأكاديمي.

ويشمل هذا الممساق ثلاثة محاور أساسية تنطلق من حاجات الدارسين اللغوية :

- 1 قراءات في مجال الاتصال والتواصل الإنساني .
- 2 قراءات في الثقافة الأدبية : يتناول مجموعة من المقالات والدراسات المتقدمة التي تطرح إشكاليات وقضايا تتلاءم مع أهداف التنمية العلمية والفكرية والثقافية والاقتصادية التي تسعى الجامعة إلى تحقيقها على مستوى الفرد والمجتمع .

أنشطة البحث العلمي: وتناول البحث الصفي ومجالاته المختلفة ، اختيار نقطة بحثية وإجراءات معالجتها بدءاً من صياغة عنوان البحث، وطرق جمع مادته وكيفية تدوينها وتوثيقها ، وصوغ أفكاره وإخراجه في صورته النهائية.

#### **GED 111 تقدير الموسيقى والتواصل**

يهدف الممساق إلى تحفيز التقدير الموسيقي والتواصل. بالإضافة إلى تحديد العوامل التي تعزز وترتبط 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 اللعبات الأساسية لتاريخ الموسيقى وممارسة الموسيقى والتقدير الموسيقي

#### **GED 252E التفكير النقدي**

تحديد وتوصيف مهارات الفهم والتحليل والتفسير والتقدير للخطابات والبيانات وأنواع الحجج وإنشاؤها لتلبية الاحتياجات التي تواجه الطلاب في حياتهم اليومية من أجل التواصل الأفضل. ويتم التركيز على المنطق غير الرسمي للغة كل يوم. وتشمل المواضيع: لغة الاستدلال وبناء الحجج، تحليل الحجج، وصحة وسلامة التفسير ، ومشاكل تتعلق بالاستدلال والتفسير

#### **BIO 100 توحيد عمليات الحياة**

تتصدر الوحدة المتضمنة في كل أشكال الحياة من خلال اختيار وفحص الخلية ، والكيمياء البيولوجية، والمركبات والعمليات التي تحكم تنظيم الخلية، وعمليات الأيض، والاتصال، والاندماج وإعادة الإنتاج. وتشمل الموضوعات الأساسية على التنفس، البناء الضوئي، تنظيم دورة الخلية، وخصائص الخلايا المتعددة، وانقسام الخلية غير المباشر، والانقسام النصفى للخلية . وأشكال الوراثة، والجينات الجرثومية .

#### **GED 125E النظم الإيكولوجية وصحة الإنسان**

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 الصحي، الضغوط النفسية، التغذية، النشاط البدني، الإدمان، العدوى والأمراض غير المعدية، والصحة البيئية

#### العلم والتكنولوجيا في المجتمع GED 132E

يتتحقق 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 وأثارها السياسية الأخلاقية على المجتمعات.

#### SOC-100 مقدمة في علم الاجتماع

يتناول هذا المقرر التعريف بعلم الاجتماع ونشأته، وأغراضه ومجالاته، وعلاقة علم الاجتماع بالعلوم الأخرى، وطبيعة الفكر الاجتماعي عند الرواد مثل أفلاطون وابن خلدون واجست كونت وإيميل دور كيم والنظريات الحديثة، ومعرفة النظم الاجتماعية وخاصة النظام العائلي والبناء المنهجي لعلم الاجتماع ومناهج البحث فيه. كما يتناول المساق دراسة الواقع الاجتماعي وظواهره الاجتماعية والتغير الاجتماعي ومشكلاته وقضاياها.

#### SOC-105 مقدمة في علم الأنثروبولوجيا

يهدف المساق إلى تعريف الطالب بعلم الأنثروبولوجيا العامة ، والمفاهيم الأساسية لهذا العلم، وتطوره التاريخي والمراحل التي مر بها، كما يناقش هذا العلم الفروع الرئيسية الأخرى كعلم الأنثروبولوجيا الاجتماعية والثقافية والطبيعية والمواضيع الحديثة مثل الأنثروبولوجيا التطبيقية واللطبية واللغوية والحضارية وأنثروبولوجيا الجسم وأنثروبولوجيا المرأة، مع تحليل خصائص موضوعات كل فرع منها. والدراسات الحقلية القديمة والحديثة.

#### SOC-110 مقدمة في الخدمة الاجتماعية

يهدف هذا المساق إلى تعريف الطالب بمفهوم الخدمة الاجتماعية (خدمة الفرد، الجماعة، المجالات، وتنظيم المجتمع والتخطيط الاجتماعي) وظروف نشأة الخدمة الاجتماعية وتطورها، وكذلك التعرف على طبيعة الخدمة الاجتماعية وفلسفتها والمقومات المهنية للخدمة الاجتماعية، وطرق الخدمة الاجتماعية وتكميلها مع التركيز على ميادين الممارسة المهنية للخدمة الاجتماعية.

#### SOC-115 مناهج وتصميم البحوث الاجتماعية

يهدف هذا المساق إلى تقديم وصف دقيق لمنهجية البحث الاجتماعي، فيتناول موضوع علم الاجتماع والمشكلات الخاصة بالعلوم الاجتماعية، 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

يهدف المساق إلى تعريف الطالب بالمعارف والمهارات الالزمة في علم الاجتماع الحضري، وأشكال السلوك الجماعي، وتقنيات التعاون بين الأفراد والجماعات الحضرية. كما يلقى 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

يتناول المساق تعريف المشكلة الاجتماعية ومراحل تطورها وتصنيفها وخصائصها. كما يهدف المساق إلى دور علم الاجتماع في دراسة المشكلات الاجتماعية والمداخل النظرية لدراسة المشكلة الاجتماعية بالإضافة إلى تناول المساق طرق ودراسة المشكلات الاجتماعية ونماذج لدراسة المشكلات الاجتماعية

#### SOC-215 علم الاجتماع التربوي

يتناول هذا المساق مفهوم علم الاجتماع التربوي ونشأته وتطوره، وأهدافه ومجالاته، والمجتمع وأنواعه، والنظام الاجتماعي وخصائصه وأشكاله، والظواهر والعمليات الاجتماعية، ومفهوم التنشئة الاجتماعية، وأهدافها، وأسسها، وخصائصها، وأشكالها ومراحلها. ويعرض لمفهوم المدرسة ووظائفها العامة، والتنشئة الاجتماعية في مجتمع المدرسة، وخصائص المدرسة وأدوارها في التنشئة الاجتماعية.

#### SOC-220 علم اجتماع السكان

يهدف هذا المساق إلى وصف التركيبة السكانية، والمتغيرات الديموغرافية وغيرها من الخصائص الديموغرافية التحليلية للمجتمع، مع تركيز خاص على الاتجاهات والفوارات السكانية من حيث : العمر والجنس توزيع السكان، الخصوبية، الوفيات، الزيادة الطبيعية للسكان والهجرة. كما يهدف المساق إلى التركيز على نظرية علم اجتماع السكان، ومنهج البحث في هذا العلم، ونماذج التحليل السكاني، والنظام الاجتماعية، والخصوصية والبناء الاجتماعي، والهجرة ودور الأسرة، والوفيات والطبقات الاجتماعية، والسياسة السكانية، و السكان والتنمية ويشمل والعلاقات المتداخلة بين السكان والتنمية، وبناء السكان وتغيير السكان والبطالة

#### SOC-230 علم الاجتماع وقضايا البيئة

يتناول هذا المساق المفاهيم المتعلقة بالبيئة، وعلاقة الإنسان بالبيئة الطبيعية بكل جوانبها، وعناصر النسق الإيكولوجي. والتأثير المتبادل بين الإيكولوجيا والنظم الاجتماعية. وتتفاعلها مع بعض النظريات الإيكولوجية النظرية الحتمية البيئية وأهم العلاقة بين التغير الاجتماعي والتطور الصناعي والبيئة.

#### **SOC-240 علم الاجتماع الجنائي**

يتناول هذا المساق التعريف بعلم الاجتماع الجنائي واهم النظريات المفسرة لظاهرة الجريمة والعوامل الاجتماعية المؤدية إليها وطرق الوقاية منها. تحليل وتفسير الدوافع والعوامل المؤدية إلى السلوك الإجرامي أو المشجعة له، ويحدد العناصر الاجتماعية والبيئية أو الوراثية والأسباب التي تسهم في الجنوح وفي ارتكاب الجرائم على اختلاف أنواعها في المجتمع

#### **SOC-250 الإحصاء الاجتماعي**

يهدف المنساق إلى تمكين الطلاب من تحليل البيانات التي يحصل عليها للوصول إلى إدراك للمسائل والمشاكل الاجتماعية، بالإضافة إلى التمييز بين البيانات ليسهل إدخالها في برنامج الحزم الإحصائية المختلفة مثل NVivo, SPSS

#### **SOC-315 علم اجتماع ومشكلات الأسرة**

يهدف هذا المنساق 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 الاجتماعية والسياسية والاقتصادية على الأسرة وعلاقات أفرادها ونظم القرابة والزواج وغير ذلك من أمور تتعلق بصحة الأسرة والمجتمع

#### **SOC-320 علم اجتماع الطفولة**

يهدف هذا المنساق إلى تعريف الطالب بماهية الطفولة ، ومن هو الطفل؟ والاتجاهات النظرية لدراسة الطفولة وطرق دراسة الطفل، كما ينطوي إلى دراسة التنشئة الاجتماعية للطفل وكالات التنشئة الاجتماعية دور الوالدين في مواجهة مشاكل الطفولة. كما يهدف المنساق إلى تناول اهم القضايا والمشكلات الخاصة بالطفل كحقوق الطفل، والعنف ضد الأطفال وعمالة الأطفال ، وأطفال الشوارع وإعاقة الطفل، بالإضافة إلى التعرف على الدور الذي تلعبه بعض المنظمات الدولية والإقليمية والمحلية الخاصة بالطفولة.

#### **SOC-325 علم اجتماع العمل والسلوك التنظيمي**

يهدف المنساق إلى دراسة الجوانب الاجتماعية للعمل. وتشمل موضوعات المنساق ثلاثة مواضيع رئيسية هي: التنظيم الاجتماعي للعمل، واتجاهات العمل الحالية، وعدم المساواة في العمل. كما يهدف المنساق إلى دراسة التغيرات في الجوانب الاجتماعية للعمل بالإضافة إلى أنواع العمل المختلفة وال العلاقات بينها.

#### **SOC-340 علم الاجتماع القانوني**

يتناول هذا المنساق القانون والهيكل القانوني في السياق الاجتماعي. وتشمل موضوعات المنساق المناهج النظرية للقانون، وجهات النظر التاريخية عن أصول القانون؛ العقلانية والجزاءات القانونية؛ صنع القرار وفق المعايير والأخلاقيات؛ 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**

يهدف هذا المنساق إلى تعريف الطلبة بمهارات التربية الاجتماعية وإكسابهم القدرة على تنميتها لدى الأطفال كما يتناول تعريف الطلبة بمعنى المهارة وأهميتها ومكوناتها والأمور الواجب مراعاتها لاكتسابهما، بالإضافة إلى مهارات العمل الفردي والمشاركة والاجتماعية وال الحوار وكسب الأصدقاء والسلوك السوي ومهارات قراءة وتحليل الصور والأشكال

#### **SOC-350 علم النفس الاجتماعي**

يهدف هذا المنساق إلى تعريف الطالب بالسلوك الاجتماعي للفرد والجماعة، كاستجابات لمثيرات اجتماعية. كما يهدف المنساق إلى تعريف الطالب بالظواهر التي يخضعها علماء النفس الاجتماعي للبحث في المجالات الرئيسية لهذا الميدان والمتمثلة في التأثير الاجتماعي، والمعرفة والإدراك الاجتماعيين وما يكتنفهم من عمليات تتصل بإدراك الذات وإدراك الآخرين، وال العلاقات بين الأشخاص. ويتضمن المنساق تعريفاً بتطبيقات علم النفس الاجتماعي في الحياة اليومية..

#### **SOC-355 التوجيه والإرشاد النفسي والاجتماعي**

يتناول هذه المنساق مفهوم الإرشاد والتوجيه وتطوره أهدافه، مجالاته، العملية الإرشادية والمبادئ الأخلاقية والاسس العملية وكما سيتناول أساليب المشكلات وخطوات عملية الإرشاد النفسي كما يتناول مواصفات المرشد التربوي ودوره والتزاماته.

#### **SOC-360 إدارة المؤسسات الاجتماعية**

يهدف هذا المنساق إلى تعريف الطالب بمناهج المؤسسات الاجتماعية وأساليبها التي تختلف عن إدارة المؤسسات الاقتصادية، وتأكيد فلسفة الرعاية الاجتماعية التي تعتمد على المجهود الحكومي الرسمي والنشاط الأهلي التطوعي، وكيفية استخدام الادارة في المؤسسات الاجتماعية وكيفية اكتسابه الهوية المهنية في مجال علم الاجتماع والمحافظة عليها

## **SOC-400 تخطيط وتنفيذ مشروعات التنمية المجتمعية**

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 بالإضافة الى تناول المساق طرق ونمذج التخطيط والتنفيذ لمشروعات التنمية المجتمعية.

## **SOC-405 الحماية الاجتماعية للفئات الأولى بالرعاية**

يهدف هذا المساق إلى تقديم وصف دقيق للفئات الاجتماعية الأولى بالرعاية، والتعرف على اساسيات الحماية الاجتماعية لهذه الفئات، وتوضيح مبادئ ومتطلبات 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**

يهدف هذا المساق إلى وصف مجتمع المعرفة الرقمي والتعرف على متطلبات التعامل مع المجتمع الرقمي، وادرار المشكلات الاخلاقية والاجتماعية الناتجة عن استخدام المجتمع الرقمي. وأهم مستلزمات التحول نحو المجتمع الرقمي والحكومة الإلكترونية.

## **SOC-425 الأبعاد الاجتماعية والنفسية للتطرف**

يتناول هذا المساق التعريف بالابعاد الاجتماعية والنفسية للتطرف الفكرى والارهاب ، واهم النظريات المفسرة لظاهرة الارهاب والتطرف الفكرى والعوامل الاجتماعية 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**

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 تجري بالمقارنة مع النظام معاصرة للتعليم الأكاديمي. كما يهدف المساق الى اختيار موضوع يتم بحثه بمعرفة باحثين تحت إشراف أستاذ، وهي بمثابة منتدى يأخذ الصورة التعليمية الأكاديمية لأستاذ وطلابه وقد تم ليوم واحد أو بشكل دورى وعلى فترات محددة.

## **SOC-435 التدريب الميداني**

يهدف هذا المساق على الإشراف والمتابعة للطالب المتدرب بعد توفير الأماكن الضرورية ذات العلاقة بالشخص والذى تتيح للطلبة تطبيق مهاراتهم الأساسية الذي اكتسبوها خلال دراستهم للبرنامج تطبيقا عمليا في المؤسسات المجتمعية، مثل ( إدارة المؤسسات العقابية، والقضائية والتعليمية والصحية ورعاية الأسرة ومرافق 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، ويتحقق التدريب جوانب الثقة للطلبة على تطبيق المعرفة والمهارات التخصصية عند ممارستهم للعمل الميداني في المؤسسات الإجتماعية، ويتلقي 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**

يهدف هذا المساق الى تطبيق الطالب للجوانب المعرفية لمناهج البحث الاجتماعي التي تمكنه من إنجاز مشروع التخرج في علم الاجتماع او الخدمة الإجتماعية او الاجتماع التطبيقي بحيث يستخدم فيه المعرف النظرية ومهاراته العملية التي اكتسبها خلال البرنامج ليقدم مشروعه تطبيقيا من اختياره. كما يحاول تطبيق مناهج البحث الاجتماعي، باستخدام برنامج الحزمة الإحصائية للعلوم الإجتماعية المناسبة..

## **APS-405 قضايا معاصرة في علم الاجتماع**

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 شمولًا وانتشارًا في علم الاجتماع والمجال النفسي والاجتماعي وإظهار نقاط التشابه والاختلاف بين هذه النظريات وال المجالات التي يمكن تطبيقها فيها.

## **APS-410 الخدمة الاجتماعية المدرسية**

يهدف هذا المساق الى تعريف الطالب بنشأة وتطور الخدمة الاجتماعية المدرسية، والدور الاجتماعي للمدرسة، واحتياجات الطلاب والعوامل المؤثرة فيها، ومشكلات الطلاب بانواعها.

## **APS-415 علم الاجتماع الطبي**

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 الصحي، والنظريات المفسرة للمرض، المشكلات الاجتماعية المتربعة على اصابة الإنسان بالأمراض ، مفهوم المرض ومراحل حدوته، العدوى والأمراض غير المعدية، والصحة البيئية، مواقف تطبيقية لممارسة علم الاجتماع مع بعض الأمراض

#### **APS-420 دراسات النوع الاجتماعي**

يهدف هذا المساق إلى النوع الاجتماعي والتعرف على أسمه واحتياجاته، وأهم أدوار النوع الاجتماعي، ومتطلبات ادماج النوع الاجتماعي، والتعرف على السياسات الدولية وأليات النوع الاجتماعي ، يصف معوقات تحقيق العدالة في النوع الاجتماعي.

#### **APS-425 السياحة والمجتمع**

يهدف هذا المساق الى دراسة الظاهرة السياحية والمجتمع السياحي وما يتعلق بهما من ظواهر ومشكلات وعلاقات وخدمات وتفاعلات... الخ. كما يهدف المساق الى تعريف الطالب بأهمية السياحة واللامام بمفاهيم السياحة تبعا للأبعاد الاقتصادية والنفسانية والسياسية والإجتماعية.

#### **APS-440 علم اجتماع الإدمان**

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 الإدمان ويتعرض لأشكاله وأعراضه ومضارعاته 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**

يهدف هذا المساق الى تعريف الطالب بنظريات الاقتصاد الاجتماعي وأنواعه ، وادراك أهداف السياسة الاقتصادية وعلاقتها بعلم الاجتماع ، والتعرف على المشكلات الاقتصادية وتأثيرها على السلوك الانساني في المجتمع، ومعرفة تأثير الاوضاع والظروف الاقتصادية في المجتمع على المشكلات الاجتماعية.

#### **APS-450 دراسات الثقافة والتراث**

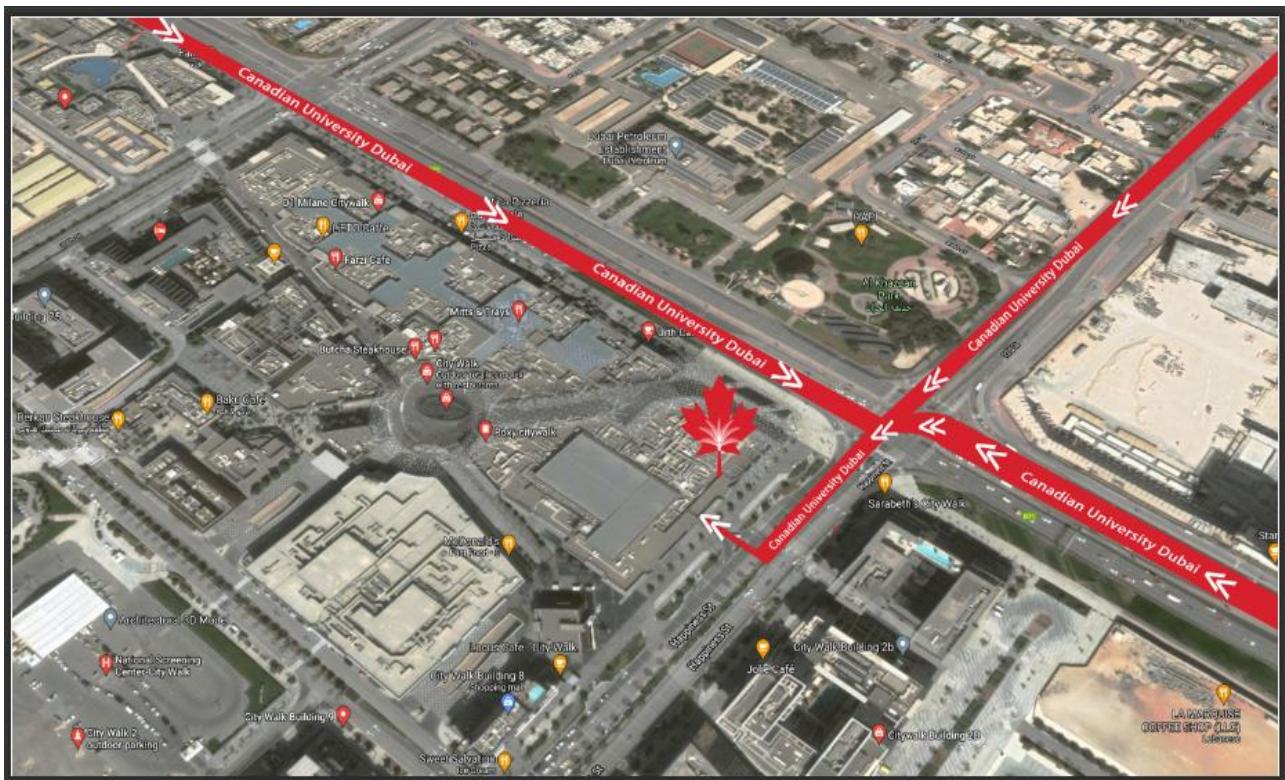
يهدف هذا المساق الى تعريف التراث وأنواعه (المعتقدات الشعبية، العادات والتقاليد، الأدب الشعبي وفنون المحاكاة، والحرف الشعبية). كما يهدف المساق الى الإلمام بنظريات الثقافة الشعبية في مجتمعات الخليج العربي. كما يهدف المساق الى التعريف بدور الثقافة الشعبية في تعزيز الهوية والانتماء الوطني، التعايش والتنوع الثقافي والتبادل بين الثقافة الشعبية والثقافة الحديثة.

## Glossary

|                                       |   |
|---------------------------------------|---|
| <b>1. Academic Integrity</b>          | Refers to moral behaviors and principles upholding the academic values in terms of respect, honesty, compliance, responsibility and accountability.   |
| <b>2. Academic Responsibility</b>     | Refers to the students' academic responsibilities to espouse the academic standards in performance as established for the programs of interest.   |
| <b>3. Academic Violation</b>          | Refers to unethical actions for example plagiarism, cheating on examination, fabrication of information and Information and Communication Technology misuse.  |
| <b>4. Academic year</b>               | This is the period devoted to teaching which is determined according to the academic calendar.  |
| <b>5. Advisor</b>                     | Faculty member called 'Advisor' assigned to counsel student, called the 'Advisee' on academic matters.  |
| <b>6. Alumni</b>                      | Students who have studied in and graduated from Canadian University Dubai.  |
| <b>7. Concentration</b>               | 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).  |
| <b>8. Courses</b>                     | 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.   |
| <b>9. Credit Hour (Cr.H.)</b>         | This refers to one lecturer hour or two hours of practical study per week for fifteen weeks.  |
| <b>10. Curriculum</b>                 | This is a full description for the program. It consists of: <ul style="list-style-type: none"> <li>A syllabus of integrated courses that must be passed to fulfill the requirements of the program.</li> <li>A practical training period which is integrated into the curriculum.</li> </ul>  |
| <b>11. Department</b>                 | The term department may refer to a unit within a university.  |
| <b>12. Double Concentration</b>       | Refers to registration of two concentrations within a program in compliance to its admission policy and guidelines and fulfilling the degree requirement.   |
| <b>13. Major</b>                      | 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. |
| <b>14. Minor</b>                      | A secondary field of study requiring certain credit hours depending on the academic program of interest   |
| <b>15. New and Returning Students</b> | New students refer to those registering for the first time in Canadian University Dubai whereas the returning students are those who have studied in previous semesters and return to register in the following semester.   |
| <b>16. Prerequisite course</b>        | This refers to the course that must be passed by the student before being allowed to register in another course.  |
| <b>17. School</b>                     | May refer to an educational institution that offers education at a secondary or lower level, such as the British School or the Indian School  |
| <b>18. Semester</b>                   | This is a teaching period lasting for fifteen weeks excluding the examination period  |

|                             |  |
|-----------------------------|--|
| <b>19. Student Exchange</b> | 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   |
| <b>20. Student ID Card</b>  | Canadian University Dubai Students identification card providing and managing access to university facilities and services   |
| <b>21. Transfer Credit</b>  | It is a term used for the procedure of granting credit to a student for <u>courses</u> undertaken at another institution prior admission to Canadian University Dubai.   |
| <b>22. University</b>       | A large, diverse institution of higher education and research that offers both undergraduate and Masters degrees. Universities are typically composed of a number of Faculties, Colleges or Departments devoted to the study of closely related disciplines or a single discipline, such as the Faculty of Architecture & Interior Design (FAID) or the Faculty of Communication, Arts and Sciences. |

## University Campus & Map Location



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