



CANADIAN
UNIVERSITY DUBAI

Your portal to Canadian education



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Message from the Chancellor & President

Mr. Buti Saeed Al-Ghandi
Chancellor

Professor Karim Chelli
Vice Chancellor and President

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

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

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

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

رسالة من رئيس مجلس الأمناء ورئيس الجامعة

السيد بطي سعيد الكندي
رئيس مجلس الأمناء

البروفيسور كريم شلي
مدير الجامعة ونائب رئيس الجامعة.

إنه لمن دواعي سرورنا البالغ تعريفكم بالجامعة الكندية - دبي.

إن التعليم هو رحلة شاقة 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 يتصف 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 بالطلاب أن يستثمر هذه الشراكات العلمية لصالحه ومستقبله.

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

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

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Welcome to Canadian University Dubai

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

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

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

Founding Partners

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

Institution Licensure and Program Accreditation

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

Why Choose Canadian University Dubai?

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

1. Canadian-Based Curriculum

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

2. Option To Graduate In Canada

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

3. UAE Accreditation

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

4. International Faculty

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

5. Graduate Employability

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

6. Flexible Learning

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

7. Business-District Location

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

8. Student-Centered Approach

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

9. Research Opportunities

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

10. Multicultural Student Community

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

1 Vision, Mission and Core Values

1.1 Vision

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

1.2 Mission

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

1.3 Strategic Pillars, Goals and Objectives

SP1: An Avant-Garde Canadian University

SG1.1: Recognized as the preferred university and the regional portal for Canadian and regional educational excellence.

SO1.1.1: Consolidating our Canadian academic identity.

SO1.1.2: Top University Ranking with Entrepreneurship and Innovation Signature.

SO1.1.3: Enriching teaching and learning through outcome-based practices that drive graduate employability.

SO1.1.4: Ensuring equitable access and inclusive support for a diverse student population.

SO1.1.5: Empowering future entrepreneurs through cross-disciplinary foundation courses in Entrepreneurship, AI, Sustainability and novel programs.

SO1.1.6: Driving excellence through quality assurance and sustainable growth.

SO1.1.7: Strategic university expansion for regional presence.

SG1.2: Advancing academia and impactful research activities that drive innovation and sustainability.

SO1.2.1: Attracting dynamic researchers to spearhead innovative inventions.

SO1.2.2: Fostering international collaborations to drive innovation.

SO1.2.3: Maximizing the impact of research on society, through innovation, collaboration, and knowledge dissemination.

SO1.2.4: Reducing the university's ecological footprint through collaborations.

SG1.3: Harnessing a lively campus and extracurricular activities to drive entrepreneurship, sustainability and AI across the institution.

SO1.3.1: Establishing a hub to empower the next generation of innovators and entrepreneurs.

SO1.3.2: Integrating AI technologies and tools across university operations, research, services, and multidisciplinary curricula.

SO1.3.3: Supporting around-the-clock teaching, learning, and innovation through a vibrant downtown campus integrated with local businesses.

SP2: Internal Operations Excellence

SG2.1: Advancing institutional excellence through smart, efficient, and performance-driven support systems.

SO2.1.1: Implementing ERP solutions to streamline operations enhancing institutional efficiency, accuracy, and transparency.

SO2.1.2: Implement real-time dashboards and performance monitoring tools to enhance data-driven decision-making across the institution.

SO2.1.3: Advancing workforce planning, talent development, and performance management systems to strengthen institutional capacity and support long-term strategic goals.

SG2.2: Delivering a holistic campus life and high-quality student services.

SO2.2.1: Promoting student well-being, engagement, and growth through inclusive co-curricular programs, clubs, and events.

SO2.2.2: Promoting learning facilities, wellness spaces, and digital infrastructure to enhance campus experiences.

SO2.2.3: Empower students in their academic, career, and Canadian transfer pathways through high-quality advising and guidance services.

SO2.2.4: Delivering timely, student-centered enrollment services that support academic progression.

SG2.3: Cultivating a dynamic environment that fosters continuous excellence, professional development, and personal growth for faculty and staff.

SO2.3.1: Enhancing professional development through ongoing training and certification for faculty and staff.

SO2.3.2: Fostering career growth and excellence by utilizing performance management system.

SG2.4: Positioning the University as a globally recognized institution by integrating impactful branding, marketing, strategic communication, and targeted student recruitment.

SO2.4.1: Strengthen institutional identity and engagement through cohesive branding, targeted marketing campaigns, and strategic communication across all platforms.

SO2.4.2: Executing targeted marketing campaigns to attract high-potential students locally and globally.

SO2.4.3: Boosting student lead generation and conversion by enhancing digital presence through optimized content, SEO (Search Engine Optimization), and social media engagement.

SO2.4.4: Engaging prospective students and families by showcasing academic programs and student success stories through personalized communication.

SG2.5: Fuelling the University's evolution through fundraising, lifelong alumni bonds, purpose-driven community outreach, and partnerships that shape the future.

SO2.5.1: Expanding fundraising initiatives by engaging individuals, corporations, and philanthropic organizations to support academic innovation and institutional priorities.

SO2.5.2: Deepening alumni engagement through personalized communications, networking opportunities, and giving programs that foster lifelong connection and support.

SO2.5.3: Strengthening community outreach by launching collaborative programs that address local needs, promote social impact, and enhance the University's civic presence.

SP3: Business Growth and Sustainability

SG3.1: Advancing Financial Resilience.

SO3.1.1: Developing novel undergraduate, graduate, and continuing education programs that answers market needs.

SO3.1.2: Increasing enrollment by enhancing local and international recruitment and student mobility.

SO3.1.3: Generating revenue through collaborative agreements with industry, government, NGOs, and research funds and commercialization.

SO3.1.4: Maximizing revenue by utilizing campus facilities for commercial purposes.

SG3.2: Sustaining Financial Discipline

SO3.2.1: Maintaining alignment with approved budgets by strengthening financial monitoring and identifying cost-saving opportunities.

SO3.2.2: Linking resource allocation to strategic priorities, measurable outcomes, and unit-level performance indicators.

SO3.2.3: Promoting accountability through regular reporting and sustainable procurement to ensure cost-efficiency and value-for-money.

SG3.3: Optimizing Cash Liquidity and Reserves

SO3.3.1: Maintaining adequate operating cash reserves.

SO3.3.2: Enhancing cash flow forecasting and monitoring.

SO3.3.3: Improving accounts receivable and payable efficiency.

SO3.3.4: Managing designated reserve funds to support institutional sustainability.

SG3.4: Upholding Financial Integrity

SO3.4.1: Ensure regulatory compliance and strengthen internal controls.

SO3.4.2: Promote transparency and ethical financial practices.

SP4: Where CUD Family Spirit Fuels Personal Growth and Meaningful Engagement

SG4.1: Fostering an inclusive, engaged, and supportive work environment.

SO4.1.1: Strengthening employee well-being and work-life balance.

SO4.1.2: Promoting diversity, equity, and inclusion

SO4.1.3: Enhancing internal communication and transparency

SO4.1.4: Encouraging staff & students' involvement in decision-making

SG4.2: Optimizing talent and fostering a high-performance, growth-oriented culture.

SO4.2.1: Optimizing workforce planning through strategic alignment with institutional needs.

SO4.2.2: Investing in professional development and leadership growth.

SO4.2.3: Promoting performance excellence through accountability and recognition.

SG4.3: Nurturing and respecting Canadian and UAE culture and values.

SO4.3.1: Promoting cultural awareness and mutual understanding through curriculum content and community engagement initiatives.

SO4.3.2: Fostering cultural pride through awareness and participation.

SO4.3.3: Fostering civic engagement to contribute to society.

SO4.3.4: Embedding core cultural values in institutional policies and practices.

1.4 Core Values (ASPIRE)

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

- A Accountability** We uphold a culture of accountability, responsibility, and ethical conduct. We are committed to transparency and integrity, valuing honesty in all our actions toward our community and stakeholders.
- S Sustainability** We are committed to sustainability, integrating environmental protection, social equity, and economic responsibility into all aspects of our operations. This includes reducing our environmental impact, promoting well-being, advancing responsible resource use, and fostering inclusive growth. Through education, innovation, and community engagement, we aim to drive meaningful impact for a more just, resilient, and sustainable future.
- P People** Our people—students, faculty, and staff—are our greatest asset. We deeply value their contributions, celebrate their potential, and are committed to fostering a supportive and inclusive community that embodies our values and encourages meaningful contributions to our shared mission.
- I Inclusion** We are committed to creating an inclusive academic environment that welcomes all individuals and ideas. By embracing diversity, we enhance our educational experience while empowering our community to excel as global citizens.
- R Respect** We respect and value every individual, nurturing a culture of mutual trust, openness, and personal dignity in all our interactions. Our commitment to these principles fosters meaningful connections and a cohesive community built on respect.
- E Excellence** Excellence is at the heart of all we do—shaping our academic standards, operational practices, and partnerships. Rooted in the values of Canadian and UAE traditions, it drives us to empower our community to lead with purpose, innovate boldly, and create meaningful global impact.

2 Academic Calendars

2.1 Academic Calendar for All Programs Except MBA, MITM & DBA

The 2026 - 27 academic calendar is applicable to all programs with the exception of the Master of Business Administration (MBA), Master in Information Technology Management (MITM), and the Doctorate in Business Administration (DBA).

Fall (2026-27)

Week#	Week Start	Weekdays					Weekends	
		Mon	Tue	Wed	Thu	Fri	Sat	Sun
	Monday, August 24, 2026	August 24 _Official Registration Week					29-Aug	30-Aug
1	Monday, August 31, 2026	August 31 Classes Start - Add/Drop Period					5-Sep	6-Sep
2	Monday, September 7, 2026	September 7_ First Day of 50% drop course penalty					12-Sep	13-Sep
3	Monday, September 14, 2026	September 14_ First Day of 100% drop course penalty					19-Sep	20-Sep
4	Monday, September 21, 2026	September 21_ First day of WN grade					26-Sep	27-Sep
5	Monday, September 28, 2026						3-Oct	4-Oct
6	Monday, October 5, 2026						10-Oct	11-Oct
7	Monday, October 12, 2026						17-Oct	18-Oct
8	Monday, October 19, 2026	Midterm Examination Scheduled between Oct.17-OCT.26					24-Oct	25-Oct
9	Monday, October 26, 2026						31-Oct	1-Nov
10	Monday, November 2, 2026	Nov 2nd, 2026 Pre-Registration Open for Spring Semester					7-Nov	8-Nov
11	Monday, November 9, 2026						14-Nov	15-Nov
12	Monday, November 16, 2026	Nov 16, 2026_Last day of WN Grade					21-Nov	22-Nov
13	Monday, November 23, 2026						28-Nov	29-Nov
14	Monday, November 30, 2026	Commemoration Day	National Day Dec 02 & 03				5-Dec	6-Dec
15	Monday, December 7, 2026					End of Classes: December 11	12-Dec	13-Dec
E	Monday, December 14, 2026	Examination Period Dec. 12 - Dec. 20					19-Dec	20-Dec
B	Monday, December 21, 2026	Fall Break for Students (No Classes) Dec. 21.2026- Jan.01.2027					26-Dec	27-Dec
B	Monday, December 28, 2026						2-Jan	3-Jan

Spring (2026-27)

Week#	Week Start	Weekdays					Weekends	
		Mon	Tue	Wed	Thu	Fri	Sat	Sun
	Monday, January 4, 2027	Jan 4 _Official Registration Week					9-Jan	10-Jan
1	Monday, January 11, 2027	Jan 11 _Classes Start - Add/Drop Period					16-Jan	17-Jan
2	Monday, January 18, 2027	Jan 18_ First Day of 50% drop course penalty					23-Jan	24-Jan
3	Monday, January 25, 2027	Jan 25_ First Day of 100% drop course penalty					30-Jan	31-Jan
4	Monday, February 1, 2027	Feb 01_ First day of WN grade					6-Feb	7-Feb
5	Monday, February 8, 2027						13-Feb	14-Feb
6	Monday, February 15, 2027						20-Feb	21-Feb
7	Monday, February 22, 2027						27-Feb	28-Feb
8	Monday, March 1, 2027	Midterm Examination Scheduled between Feb.27 - Mar.07					6-Mar	7-Mar
9	Monday, March 8, 2027	March 08 Pre-Registration Open for Summer 1					13-Mar	14-Mar
10	Monday, March 15, 2027						20-Mar	21-Mar
11	Monday, March 22, 2027	March 22_ Last day of WN Grade					27-Mar	28-Mar

12	Monday, March 29, 2027						3-Apr	4-Apr
B	Monday, April 5, 2027	Spring Break for Students (No Classes) - April 05-April 09					10-Apr	11-Apr
13	Monday, April 12, 2027						17-Apr	18-Apr
14	Monday, April 19, 2027						24-Apr	25-Apr
15	Monday, April 26, 2027					End of Classes: April 30	1-May	2-May
E	Monday, May 3, 2027	Examination Period May 01 - May 09					8-May	9-May

Summer 1 (2026-27)

Week#	Week Start	Weekdays					Weekends	
		Mon	Tue	Wed	Thu	Fri	Sat	Sun
	Monday, May 10, 2027	May 10_Official Registration Week					15-May	16-May
	Monday, May 17, 2027						22-May	23-May
1	Monday, May 24, 2027	May 24_Classes Start - Add/Drop Period					29-May	30-May
2	Monday, May 31, 2027	May 31_First Day of 100% penalty - First day of WN grade Pre-Registration for Fall 2027-28 (May 31)					5-Jun	6-Jun
3	Monday, June 7, 2027						12-Jun	13-Jun
4	Monday, June 14, 2027						19-Jun	20-Jun
5	Monday, June 21, 2027						26-Jun	27-Jun
6	Monday, June 28, 2027					End of Classes July 02	Exams: July 03-04	

Summer 2 (2026-27)

Week#	Week Start	Weekdays					Weekends	
		Mon	Tue	Wed	Thu	Fri	Sat	Sun
	Monday, July 5, 2027	July 05_ Official Registration Week					10-Jul	11-Jul
1	Monday, July 12, 2027	July 12_ Classes Start - Add/Drop Period					17-Jul	18-Jul
2	Monday, July 19, 2027	July 19_ First Day of 100% penalty - First day of WN grade					24-Jul	25-Jul
3	Monday, July 26, 2027						31-Jul	1-Aug
4	Monday, August 2, 2027						7-Aug	8-Aug
5	Monday, August 9, 2027						14-Aug	15-Aug
6	Monday, August 16, 2027					End of Classes Aug. 20	Exams: Aug 21-22	
Fall Semester 2027 - 28		Official Registration Starts on August 23-29; Classes Starts on Aug 30.2027						

*All Islamic Lunar Holidays for the private sector will be fixed per the announcement by the relevant Ministry

* Ramadan lecture timing is from 09:00 am to 05:00 pm.

*Always refer to www.cud.ac.ae for the latest Academic Calendar, as some dates are subject to change

2.2 Academic Calendar for MBA, MITM & DBA Programs

Fall Cycle 1 (2026-27)

Week#	Week Start	Weekdays					Weekends	
		Mon	Tue	Wed	Thu	Fri	Sat	Sun
	Monday, August 24, 2026	Official Registration Week					29-Aug	30-Aug
1	Monday, August 31, 2026	Cycle 1 Start - Add/Drop Period					5-Sep	6-Sep
2	Monday, September 7, 2026	First Day of 50% drop course penalty					12-Sep	13-Sep
3	Monday, September 14, 2026	First Day of 100% penalty - First day of WN grade					19-Sep	20-Sep
4	Monday, September 21, 2026						26-Sep	27-Sep
5	Monday, September 28, 2026						3-Oct	4-Oct
6	Monday, October 5, 2026						10-Oct	11-Oct
7	Monday, October 12, 2026		Oct.13.2026 Final Exam for Monday, Tuesday Courses		Oct.15.2026 Final Exam for Wednesday/ Thursday Courses		17-Oct	Oct.18.2026 Final Exam for Weekend Courses

Fall Cycle 2 (2026-27)

Week #	Week Start	Weekdays					Weekends	
		Mon	Tue	Wed	Thu	Fri	Sat	Sun
	Monday, October 19, 2026	Official Registration Week					24-Oct	25-Oct
1	Monday, October 26, 2026	Cycle 2 Start - Add/Drop Period					31-Oct	1-Nov
2	Monday, November 2, 2026	First Day of 50% drop course penalty					7-Nov	8-Nov
3	Monday, November 9, 2026	First Day of 100% penalty - First day of WN grade					14-Nov	15-Nov
4	Monday, November 16, 2026						21-Nov	22-Nov
5	Monday, November 23, 2026						28-Nov	29-Nov
6	Monday, November 30, 2026	Commem- oration Day	National Day Dec 02 & 03				5-Dec	6-Dec
	Monday, December 7, 2026						12-Dec	13-Dec
7	Monday, December 7, 2026		Dec. 15.2026 Final Exam for Monday, Tuesday Courses		Dec.17.2026 Final Exam for Wednesday/ Thursday Courses		19-Dec	Dec 20.2026 Final Exam for Weekend Courses
B	Monday, December 21, 2026	Fall Break for Students (No Classes) Dec. 21.2026- Jan.01.2027					26-Dec	27-Dec
B	Monday, December 28, 2026						2-Jan	3-Jan

Spring Cycle 1 (2026-27)

Week#	Week Start	Weekdays					Weekends	
		Mon	Tue	Wed	Thu	Fri	Sat	Sun
	Monday, January 4, 2027	Official Registration Week					9-Jan	10-Jan
1	Monday, January 11, 2027	Cycle 1 Start - Add/Drop Period					16-Jan	17-Jan
2	Monday, January 18, 2027	First Day of 50% drop course penalty					23-Jan	24-Jan
3	Monday, January 25, 2027	First Day of 100% penalty - First day of WN grade					30-Jan	31-Jan
4	Monday, February 1, 2027						6-Feb	7-Feb
5	Monday, February 8, 2027						13-Feb	14-Feb
6	Monday, February 15, 2027						20-Feb	21-Feb
7	Monday, February 22, 2027		Feb.23.2026 Final Exam - Monday, Tuesday Courses		Feb.25.2026 Final Exam- Wednesday/ Thursday Courses		27-Feb	Feb 28.2026 Final Exam for Weekend Courses

Spring Cycle 2 (2026-27)

Week#	Week Start	Weekdays					Weekends	
		Mon	Tue	Wed	Thu	Fri	Sat	Sun
	Monday, March 1, 2027	Official Registration Week					6-Mar	7-Mar
	Monday, March 8, 2027						13-Mar	14-Mar
1	Monday, March 15, 2027	Cycle 2 Start - Add/Drop Period					20-Mar	21-Mar
2	Monday, March 22, 2027	First Day of 50% drop course penalty					27-Mar	28-Mar
3	Monday, March 29, 2027	First Day of 100% penalty - First day of WN grade					3-Apr	4-Apr
B	Monday, April 5, 2027	Spring Break for Students (No Classes) - April 05-April 09					10-Apr	11-Apr
4	Monday, April 12, 2027						17-Apr	18-Apr
5	Monday, April 19, 2027						24-Apr	25-Apr
6	Monday, April 26, 2027						1-May	2-May
7	Monday, May 3, 2027		May 04.2027 Final Exam for Monday, Tuesday Courses		May 06.2027 Final Exam for Wednesday/ Thursday Courses		8-May	May.09.2027 Final Exam for Weekend Courses

Summer 1 (2026-27)

Week#	Week Start	Weekdays					Weekends	
		Mon	Tue	Wed	Thu	Fri	Sat	Sun
	Monday, May 10, 2027	Official Registration Week					15-May	16-May
1	Monday, May 17, 2027	Class Start - Add/Drop (Deadline May18 Weekday-May 23 Weekend)					22-May	23-May
2	Monday, May 24, 2027	First Day of 50% drop course penalty					29-May	30-May
3	Monday, May 31, 2027	First Day of 100% penalty - First day of WN grade					5-Jun	6-Jun
4	Monday, June 7, 2027						12-Jun	13-Jun
5	Monday, June 14, 2027						19-Jun	20-Jun
6	Monday, June 21, 2027						26-Jun	27-Jun
7	Monday, June 28, 2027		June.29.2027 Final Exam for Monday, Tuesday Courses		July 01.2027 Final Exam for Wednesday/ Thursday Courses		3-Jul	July.04.2027 Final Exam for Weekend Courses

Summer 2 (2026-27)

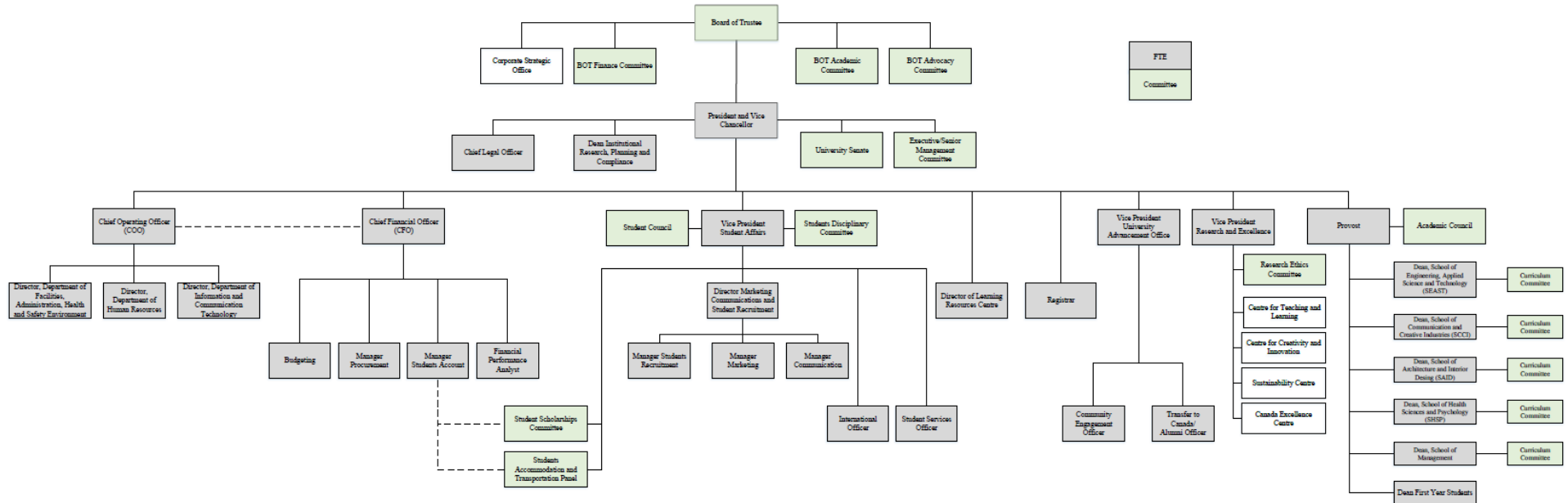
Week#	Week Start	Weekdays					Weekends	
		Mon	Tue	Wed	Thu	Fri	Sat	Sun
1	Monday, July 5, 2027	Class Start - Add/Drop (Deadline Jul 06 Weekday – JUL 11 Weekend)					10-Jul	11-Jul
2	Monday, July 12, 2027	First Day of 50% drop course penalty					17-Jul	18-Jul
3	Monday, July 19, 2027	First Day of 100% penalty - First day of WN grade					24-Jul	25-Jul
4	Monday, July 26, 2027						31-Jul	1-Aug
5	Monday, August 2, 2027						7-Aug	8-Aug
6	Monday, August 9, 2027						14-Aug	15-Aug
7	Monday, August 16, 2027		Aug.17.2027 Final Exam for Monday, Tuesday Courses		Aug.19,2027 Final Exam- Wednesday/ Thursday Courses		21-Aug	Aug.22.2027 Final Exam for Weekend Courses
Fall Semester 2027 - 28		Official Registration Starts on August 23-29; Classes Starts on Aug 30.2027						

*All Islamic Lunar Holidays for the private sector will be fixed per the announcement by the relevant Ministry

* Ramadan lecture timing is from 09:00 am to 05:00 pm.

*Always refer to www.cud.ac.ae for the latest Academic Calendar, as some dates are subject to change

3 CUD Organizational Chart



4 Canadian University Dubai Campus

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

4.1 Academic Facilities

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

4.2 Classrooms

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

4.3 Computer Laboratories

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

4.4 Students Lounge

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

4.5 Graduate Lounge

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

4.6 Sport Facilities

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

4.7 Student Health Clinic

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

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

a) Nurse Roles

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

b) Health Issues

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

c) Hours of Operation

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

d) Costs

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

4.8 Prayer Rooms

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

4.9 The Holy Month of Ramadan

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

4.10 Cafeterias

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

4.11 Parking Facilities

Secure parking is available for a nominal fee per semester on a first-come first-serve basis. Please check with Physical Resources department for more information.

4.12 Student Transportation

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

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

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

Shuttle Bus:

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

5 Admission Policies

5.1 Undergraduate Admission

5.1.1 General University Admission Requirements

- a) Prospective students are welcome to apply for admission for CUD undergraduate programs if they
 - are holders of UAE secondary education certificate with passing grade in all subjects
 - fulfil specific requirements to the programs which are given below
- b) Holders of a Non-UAE High School Certificate will be processed in accordance with Ministry of Higher Education and Scientific Research (MOHESR), 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 (*For British System: Completion of Year 13 / Grade 12 of schooling*).
 - Equivalency Certificate is Issued by MOHESR in the UAE.
 - The High School Certificate is the highest level certificate if it is issued from a country that has two levels of High School Certificates.

Note: Applicants applying for Engineering Programs are also required to fulfil specific requirements to the program which are given below in details.

5.1.2 English Language Proficiency Requirement

- a) Applicants are exempt from the English proficiency test if they meet any of the following criteria:
 - Applicants from UAE MOHESR Curricula with a minimum score of 80% in the English subject during high school.
 - Applicants from Non-UAE MOHESR Curricula taught in English. (*Provide official proof that English was the medium of instruction*).
- b) Applicants Following Non-UAE MOHESR and Non-English Curricula:
 - Provide a valid English Language Proficiency Certificate with a minimum score of IELTS Academic (Band 5.0), TOEFL iBT (61), TOEFL ITP (500) or one of the standardized English language tests that is internationally recognized and approved by the MOHESR, UAE.

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

Note1: Students applying for the **Bachelor of Arts in Creative Industries** are required to provide a valid English Language proficiency Certificate with a minimum score of IELTS Academic (Band 5.5), TOEFL iBT (71), TOEFL ITP (530) or one of the standardized English language tests that is internationally recognized and approved by the Ministry of Higher Education and Scientific Research, UAE.

Note2: IELTS Indicator, IELTS online, IELTS UKVI or TOEFL Home Edition are not acceptable for admission.

5.1.3 English Language Placement Test

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

5.1.4 Math Placement Test

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

- They are admitted in BA in Communication, BA in Psychology, or BA in Creative Industries.
- They are holders of UAE High School Certificate with a minimum Math score of 70%, holders of SAT Math test with a minimum score of 450.

Note: Students who do 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 successfully complete the remedial Math course.

5.1.5 Admission Requirements for Engineering Programs

Applicants seeking admission to the Engineering programs must meet the following subject-specific requirements:

High School System	Additional Requirements
UAE System Certificate of completion of MOHESR-UAE high school	Mathematics Requirement - Minimum of 80% Physics Requirement - Minimum of 80 % Science (Biology or Chemistry) Requirement - Minimum of 80 %
American System Fulfilment of high school equivalency requirement of the MOHESR in the UAE: - Must have successfully completed Grades 9, 10, 11, and 12. - Must provide high school diploma.	Mathematics Requirement - Minimum of 80% Physics Requirement - Minimum of 80 % Science (Biology or Chemistry) Requirement - Minimum of 80 %
British System (IGCSE, GCSE, GCE) Fulfilment of high school equivalency requirement of the MOHESR in the UAE: - Completion of Year 13 / Grade 12 of schooling - Minimum of 7 subjects with: - Minimum score of 4 or C grade in five O-Level subjects, - Minimum score of 3 or D grade in two A-Level subjects.	Mathematics Requirement - C grade in O Level, - C grade in AS Level; or - D grade in A Level Physics Requirement - C grade in O Level, - C grade in AS Level; or - D grade in A Level Science (Biology or Chemistry) Requirement - C grade in O Level; or - D grade in AS/A Level
International Baccalaureate (IB) Fulfilment of high school equivalency requirement of the MOHESR in the UAE: - A minimum score of 24 points. - Must be holder of IB Diploma with 6 subjects (excluding Islamic Education)	Mathematics Requirement - Minimum of 4 Physics Requirement - Minimum of 4 Science (Biology or Chemistry) Requirement - Minimum of 4

High School System	Additional Requirements
Applicants who were not awarded the IB Diploma but received the IB certificate can apply and will be assessed based on the provided high school credentials	
Indian / Pakistani Board Certificates Fulfillment of high school equivalency requirement of the MOHESR in the UAE: - Higher/Senior Secondary Board Certificate. - Submission of school transcript of grades 10 and 12	Mathematics Requirement - Minimum of 70% Physics Requirement - Minimum of 70 % Science (Biology or Chemistry) Requirement - Minimum of 70 %
French System Fulfillment of high school equivalency requirement of the MOHESR in the UAE: - Submission of French Bac and Diploma - Must provide grade 10,11, and 12	Mathematics Requirement - Minimum of 12 Physics Requirement - Minimum of 12 Science (Biology or Chemistry) Requirement - Minimum of 12
Ethiopian System Fulfillment of high school equivalency requirement of the MOHESR in the UAE: Successful completion of the Ethiopian University Entrance Examination Certificate	Mathematics Requirement - Minimum of 80% Physics Requirement - Minimum of 80 % Science (Biology or Chemistry) Requirement - Minimum of 80 %
Iranian System Fulfillment of high school equivalency requirement of the MOHESR in the UAE: - Must have successfully completed Grades 10, 11, and 12. - Must provide high school diploma	Mathematics Requirement - Minimum of 15 Physics Requirement - Minimum of 15 Science (Biology or Chemistry) Requirement - Minimum of 15
Nigerian System (NECO/WAEC) Fulfillment of high school equivalency requirement of the MOHESR in the UAE: - Must provide West African Examination Council (WAEC) results or - National Examinations Council (NECO) results	Mathematics Requirement - Minimum of B3 Physics Requirement - Minimum of B3 Science (Biology or Chemistry) Requirement - Minimum of B3
Russian System Fulfillment of high school equivalency requirement of the MOHESR in the UAE: - Must provide a basic secondary school - General secondary school - Must provide grade 9, 10, 11	Mathematics Requirement - Minimum of 4 Physics Requirement - Minimum of 4 Science (Biology or Chemistry) Requirement - Minimum of 4

Note: 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.

Applicants who do not meet the subject-specific score requirements must successfully complete non-credit remedial course/s before enrolling in the engineering program. Remedial courses do not count toward credit hours and are not part of the program's required credits.

5.1.6 Conditional Admission

An applicant who does not meet all the University Admission requirements may be granted conditional admission.

- a) **Students who do not meet English Language Proficiency Requirement:** These students must enroll in the EAP program in order to improve their English Language Proficiency and achieve the required TOEFL/IELTS score.
Conditionally admitted students due to non-fulfillment of the English Language Proficiency requirement may register for a maximum of 12 credit hours, limited to General Education (GED) courses that do not require advanced English proficiency.
- b) **Students who do not pass 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 and 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 requirement of their High School Certificate:** These students must enroll in the course(s) under the Undergraduate Remedial Program and pass the course(s) for the subject(s) in Higher Secondary School education with less than 80% or equivalent score.

An Undertaking must be signed by all conditionally admitted students.

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

5.1.7 Admission Procedure and Required Documents

Prospective students can apply to any of the programs offered by the CUD, 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 residence valid visa for non-local students.
- Copy of Emirates ID.
- Copy of valid passport.
- Recent passport-size colored photograph.
- A valid English Language Proficiency Certificate (TOEFL or IELTS) if available.
- 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 UAE National Family Registry.
- Proof of successful completion or a letter of exemption of military service from the National & Reserve Service Authority (UAE nationals male only)

Additional Requirements for Students Holding Foreign Certificates

- Document proving that the student completed 12 years of school.
- British System: Completion of Year 13 / Grade 12 of schooling
- Certified copy of grades 10, 11, 12 certificates and Graduation certificate (Diploma).
- Equivalency certificate from the MOHESR, UAE.

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. The admission officers would be pleased to assist with your online application, equivalency certificate, or any other inquiry related to admission. Alternatively, inquiries can be sent to [apply@cud.ac.ae](mailto:apply@ cud.ac.ae).

5.1.8 Visiting Students

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

5.1.9 Transfer Admission (Undergraduate Programs)

CUD considers admission of students transferring from other institutions. 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. CUD approves transfer admission into its undergraduate programs subject to the following conditions:

- Applicants are transferring from UAE institutions recorded in the National Register of Licensed HEIs, or other organizations in the UAE approved by the CAA, or recognized institutions of higher education located outside the UAE.
- Applicants meet the admission requirements of the program of interest at Canadian University Dubai. Under any circumstances, CUD does not allow transfer students to be admitted under the provisions stipulated for conditional admission.
- All work taken under an articulation agreement with another institution will be treated as transfer credits.
- Applicants are transferring from other institutions into a program in the same field of study are in good academic standing (a minimum CGPA of 2.0 on a 4.0 scale, or equivalent) demonstrated by the certified transcripts or other evidence.
- Applicants who are not in good academic standing are eligible to transfer only to a program in a field distinctly different from the one from which the applicant is transferring. [[The same applies to the CUD students for internal transfer.]
- The course credits will be considered for transfer if the courses are relevant to the receiving degree that provides equivalent learning outcomes and in which the applicant has earned a grade of C (2.0 on a 4.0 scale) or better.
- The course learning outcome and contents match at least 80% of that of the CUD course.
- The maximum number of credits an applicant may transfer will not exceed 50% of the total number of credits required for graduation of the program.
- Applicants shall not be eligible to receive credits twice for substantially the same course taken at two different institutions.

- Applicants are not allowed to transfer credits for internship, graduation project, capstone course, or any other course as specified by the Credit Transfer Committee.
- Applicants are required to submit official transcripts showing all post-secondary work attempted at all institutions attended.

CUD will provide timely written notification to the student, prior to admission, of the transferability of credits, how much credits granted, and how the accepted credits will be applied to the degree programs at CUD.

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

5.1.10 Authentication and Verification of Admission Documents

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

Holders of High School Certificates within the UAE:

UAE High School certificates must be attested by the MOHESR in the UAE. Non-UAE MOHESR certificates must be equated to UAE high school certificate by the MOHESR in the UAE.

Holders of High School Certificate from Outside the UAE:

- All High School certificates must be attested by the MOHESR in the country where the issuing High School is based.
- Certificates and transcripts must be attested by the UAE embassy or consulate in that same country.
- If the student is not able to have attestation completed by the UAE embassy or consulate in that same country, they may also be able to obtain same attestation or equalization from the Ministry of Foreign Affairs or Consulate of the particular country they studied in.
- Students must obtain Equivalency Certificate from the MOHESR in the UAE.

5.2 Graduate Admission

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 the requirements, admission is conditional to these requirements, or their established equivalent, being met within prescribed time periods and subject to conditions clearly outlined below.

5.2.1 General Admission Requirements

Completion of a recognized Bachelor's degree in a discipline appropriate for the Graduate Program of admission choice. A Higher Education Diploma is not equivalent to a Bachelor's degree and does not qualify an applicant for admission to a Graduate program.

The general admission requirements applicable to all graduate programs are as follows:

- a) 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.
- b) A valid English Language Proficiency Certificate with a minimum score of IELTS Academic (Band 6.0), TOEFL iBT (79), TOEFL ITP (550) or one of the standardized English language tests that is internationally recognized and approved by the Ministry of Higher Education and Scientific Research (MOHESR), UAE.
- c) 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).

Note: Home Edition TOEFL & IELTS (Academic UKVI/ Online) examinations are not accepted as an English language proficiency qualification for admission into CUD.

5.2.2 Conditional Admission Requirements

- a) May conditionally admit students with a recognized bachelor's degree and valid English Language Proficiency Certificate with a minimum score of IELTS Academic (Band 5.5), TOEFL iBT (71), TOEFL ITP (530) or one of the standardized English language tests that is internationally recognized and approved by the MOHESR, UAE. Such a student must meet the following requirements during the period of conditional admission or be subject to dismissal:
 - must achieve an Academic IELTS (Band 6.0) or equivalent, by the end of the student's first semester of study.
 - may take a maximum of six credit hours in the first semester of study, not including intensive English courses.
 - must achieve a minimum CGPA of 3.0 on a 4.0 scale, or its established equivalent, in the first six credit hours of credit-bearing courses studied for the graduate program.
- b) May conditionally admit students to a graduate program with a recognized bachelor's degree and a minimum cumulative grade point average (CGPA) of 2.5 and less than 3.0 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. The student must achieve a minimum CGPA of 3.0 on a 4.0 scale, or its established equivalent, in the courses studied for the graduate program. If a student fails to meet this requirement within a maximum of one academic year, the student will be subject to dismissal from the program.
- c) May conditionally admit students to a graduate 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. The student must achieve a minimum CGPA of 3.0 on a 4.0 scale, or its established equivalent, in these remedial courses in order to progress to the graduate program or be subject to dismissal. The maximum timeframe to complete these remedial courses is one academic year; failure to do so may result in dismissal from the program. These remedial courses do not count toward the degree credits.

Note: For the Master of Science in Design Innovation for Circular Economy (MScDICE) program, the minimum required cumulative grade point average (CGPA) for admission is 2.5 on a 4.0 scale. This program does not offer remedial courses, and all admitted students must meet the minimum CGPA requirement at the time of admission.

5.2.3 Transfer Admission (Graduate Programs)

CUD considers admission of students transferring from other institutions. 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. CUD approves transfer admission into its graduate programs subject to the following conditions:

- Applicants are transferring from UAE institutions recorded in the National Register of Licensed HEIs, or other organizations in the UAE approved by the CAA, or recognized institutions of higher learning located outside the UAE.
- Applicants meet the admission requirements of the program of interest at Canadian University Dubai. Under any circumstances, CUD does not allow transfer students to be admitted under the provisions stipulated for conditional admission.
- All work taken under an articulation agreement with another institution will be treated as transfer credits.
- Applicants are transferring from other institutions into a program in the same field of study are in good academic standing (a minimum CGPA of 3.0 on a 4.0 scale, or equivalent) demonstrated by the certified transcripts or other evidence.
- Applicants who are not in good academic standing are eligible to transfer only to a program in a field distinctly different from the one from which the applicant is transferring. [The same applies to the CUD students for internal transfer.]
- The course credits will be considered for transfer if the courses are relevant to the receiving degree that provides equivalent learning outcomes and in which the applicant has earned a grade of B (3.0 on a 4.0 scale) or better.
- The course learning outcome and contents match at least 80% of that of the CUD course.
- The maximum number of credits an applicant may transfer will not exceed 25% of the total number of credits required for graduation of the program.
- Applicants shall not be eligible to receive credits twice for substantially the same course taken at two different institutions.
- Applicants are not allowed to transfer credits for practicum, graduation or research project, dissertation, or any other course as specified by the Credit Transfer Committee.
- Applicants are required to submit official transcripts showing all post-undergraduate work attempted at all institutions attended.

5.2.4 Remedial Preparation Program (RPP)

CUD introduced remedial preparation program (RPP) to admit students for graduate programs who have CGPA of 2.0 and less than 2.5 on a 4.0 scale and those admitted with no program specific background. The Remedial Preparation Program (RPP) aims to equip students with essential skills for academic success for students with backgrounds not aligned with their chosen program. Remedial preparation program (RPP) is comprised of different number of courses for graduate programs.

Students without a program-specific background must register and pass, non-credit, remedial courses, QFEmirates Level 8, which are identified based on the courses and grades in those courses the applicant has studied in the undergraduate degree.

A grade of at least B (3.0/4.0) is required in the registered remedial courses to progress successfully into the intended graduate program.

To comply with Stipulation 3.7.3, students enrolled in non-credit remedial courses are allowed one academic year to pass these courses, after which a successful student may be fully admitted to a credit-bearing program, and an unsuccessful student who has not completed the courses will leave the institution.

Additionally, in compliance of 3.7.4, CUD allows graduate students to register for credit-bearing courses in a graduate program only after they have successfully completed non-credit remedial courses, if required.

Students are permitted to enroll in non-credit remedial courses for two regular semesters. Upon successful completion of these courses within the allotted time, students may be fully admitted to a credit-bearing program. Graduate students are required to complete any necessary non-credit remedial courses before they can register for credit-bearing courses in their graduate program. Students who do not successfully complete the remedial courses within the specified time will be required to leave the institution.

The courses in the RPP may vary by program and are specified in the student handbook. The school offering the program determines these courses. The remedial courses will be included in the admission criteria of each graduate program and in CUD publications for potential students.

5.2.5 Program Specific Admission Requirements

A. Master of Business Administration (MBA) Program

Panel Interview:

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

- 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.
- Selected applicants complete a panel interview.
- 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 chaired by Program Coordinator, lasts 30 minutes and follows a standard protocol captured by the Interview Form. Its aim is to determine the applicant's:

- 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 graduate program; they are also asked to write a short essay).
- Motivation and engagement.
- Rationale for the choice of major.
- Prospect for successful completion of the program.

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

Remedial Arrangement:

The School of Management offers remedial courses for the students admitted in MBA program with a CGPA of 2.0 and less than 2.5 on a 4.0 scale and students admitted with non-business background. The number of remedial courses identified based on the courses and applicant grades in the UG program. Grade of at least B is required in the registered remedial courses for successful progression into the MBA program.

Students enrolled in non-credit remedial courses are allowed one academic year to pass these courses, after which a successful student may be fully admitted to a credit-bearing program, and an unsuccessful student who has not completed the courses will leave the institution.

Course Code		Course Title	Prerequisite	Contact Hours
MBA	510	Management and Marketing Foundations	None	45
MBA	511	Foundations of Quantitative Methods	None	45
MBA	512	Accounting and Finance Foundations	None	45
MBA	513	Foundations of Economics	None	45

CUD allows graduate students to register for credit-bearing courses in a graduate program only after they have successfully completed non-credit remedial courses, if required.

B. Master in Information Technology Management (MITM) Program

In addition to the general admission requirements, the applicants for the Master in Information Technology Management (MITM) program must hold an undergraduate degree in Engineering/ IT/ Business related programs.

Panel Interview:

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

- 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.
- Selected applicants complete a panel interview.
- 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 chaired by Program Coordinator, lasts 30 minutes and follows a standard protocol captured by the Interview Form. Its aim is to determine the applicant's:

- 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 graduate program; they are also asked to write a short essay).
- Motivation and engagement.
- Rationale for the choice of major.
- Prospect for successful completion of the program.

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

Remedial Arrangement:

The School of Management offers remedial courses for the students seeking admission in MITM program, holders of bachelor's degree with a CGPA of 2.0 and less than 2.5 on a 4.0 scale will have to complete successfully up to 3 remedial courses determined by the Graduate Studies Interview Committee from the following list of courses. The number of remedial courses identified based on the courses and applicant grades in the UG program. Grade of at least B is required in the registered remedial courses for successful progression into the MITM program.

Students enrolled in non-credit remedial courses are allowed one academic year to pass these courses, after which a successful student may be fully admitted to a credit-bearing program, and an unsuccessful student who has not completed the courses will leave the institution.

CUD allows graduate students to register for credit-bearing courses in a graduate program only after they have successfully completed non-credit remedial courses, if required.

Course Code	Course Title	Prerequisite	Contact Hours
MBA 510	Management and Marketing Foundations	None	45
MBA 511	Foundations of Quantitative Methods	None	45
MBA 512	Accounting and Finance Foundations	None	45
MBA 513	Foundations of Economics	None	45
MIT 514	Fundamentals of Data Analytics Techniques	None	45

C. Master of Science in Business Analytics (MScBA) Program

In addition to the general admission requirements, the applicants in the Master of Science in Business Analytics (MScBA) program must hold a related undergraduate degree including, but to limited to, the following specializations:

- Business (e.g., Business Administration, Finance, Marketing, Accounting, Economics)
- STEM and Technology-related fields, including Engineering, Mathematics, Statistics, Computer Science, Information Technology, Information Systems, Management Information Systems (MIS), Business Information Systems (BIS), and any other closely related field.

Panel Interview:

Admission decisions are made by a panel comprising faculty members, the Program Coordinator, and a Registrar representative. After an initial screening, shortlisted applicants undergo a panel interview, and final offers are based on academic performance, interview outcomes, and overall suitability for the program. The outcome is documented in the Graduate Studies Interview Form and placed in the student's file.

Remedial Arrangements:

If an applicant does not hold a baccalaureate degree in any of the specializations listed above and who meet the English language proficiency requirements, then the applicant must register and pass all of the following three remedial courses, each of which is three credit hours, to qualify for the

regular admission to the MScBA program in addition to all other applicable admission requirements. The remedial courses are not considered as part of the MScBA program.

Course Code		Course Title	Prerequisite	Contact Hours
MBN	510	Fundamentals of Management Information Systems	None	45
MBA	511	Foundations of Quantitative Methods	None	45
MIT	514	Fundamentals of Data Analytics Techniques	None	45

D. Postgraduate Diploma in Business Analytics Program

Same as of Master of Science in Business Analytics (MScBA) program

E. Master of Science in Financial Technology (MScFT) Program

In addition to the general admission requirements, the applicants in the Master of Science in Financial Technology (MScFT) program must hold a related undergraduate degree including, but not limited to, the following specializations:

- **Business** (e.g., Business Administration, Finance, Marketing, Accounting, Economics), Management Information Systems (MIS), Business Information Systems (BIS).
- **STEM and Technology-related fields**, including but not limited to: Engineering, Mathematics, Statistics, Computer Science, Information Technology, Information Systems, and any other closely related fields.

Panel Interview:

Admission decisions are made by a panel comprising faculty members, the Program Coordinator, and a Registrar representative. After an initial screening, shortlisted applicants undergo a panel interview, and final offers are based on academic performance, interview outcomes, and overall suitability for the program. The outcome is documented in the Graduate Studies Interview Form and placed in the student's file.

Remedial Arrangements:

If an applicant does not hold a baccalaureate degree in any of the specializations listed in the Regular Admission Requirements and who meet the English language proficiency requirements outlined therein, then the applicant must register and pass three of the following remedial courses, each of which is equivalent to three credit hours, to qualify for the regular admission to the MScFT program in addition to all other applicable admission requirements. The remedial courses are not considered as part of the MScFT program.

Course Code		Course Title	Prerequisite	Contact Hours
MBA	511	Foundations of Quantitative Methods	None	45
MBA	512	Accounting and Finance Foundations	None	45
MBN	501	Management of Information Systems	None	45
MIT	514	Fundamentals of Data Analytics Techniques	None	45

F. Postgraduate Diploma in Financial Technology Program

Same as of Master of Science in Financial Technology (MScFT) program.

G. Master of Science in Project Management (MScPM) Program

In addition to the general admission requirements, the applicants in the Master of Science in Project Management (MScPM) program must hold a related undergraduate degree including, but not limited to, the following specializations:

- Business (e.g., Business Administration, Finance, Marketing, Accounting, Economics,)
- STEM and Technology-related fields, including Engineering, Mathematics, Statistics, Computer Science, Information Technology, Information Systems, Management Information Systems (MIS), Business Information Systems (BIS), and any other closely related field.

Panel Interview:

Admission decisions are made by a panel comprising two faculty members, the Program Coordinator, and a Registrar representative. The applicant will undergo an interview conducted by the panel. The interview lasts approximately 30 minutes and aims to determine the applicant's:

- Communication skills.
- Motivation and engagement.
- Rationale for the choice of major.
- Prospect for successful completion of the program

Final offers are based on previous academic performance and interview outcomes. The panel may recommend full acceptance, conditional acceptance, or rejection. The outcome is documented in the Graduate Studies Interview Form and placed in the student's file.

Remedial Arrangements:

If an applicant does not hold a baccalaureate degree in any of the specializations listed above and who meet the English language proficiency requirements, then the applicant must register and pass all of the following three remedial courses, each of which is three credit hours, to qualify for the regular admission to the MScBA program in addition to all other applicable admission requirements. The remedial courses are not considered as part of the MScBA program.

Course Code	Course Title	Prerequisite	Contact Hours
MBA 511	Foundations of Quantitative Methods	None	45
MBA 512	Accounting and Finance Foundations	None	45
MIT 514	Fundamentals of Data Analytics Techniques	None	45
MBN 501	Management of Information Systems	None	45

H. Master of Science in Project Management (MScPM) Program

Same as of Master of Science in Project Management (MScPM) program.

I. Master of Science in Artificial Intelligence (MScAI) Program

In addition to the general admission requirements, prospective applicants seeking admission to the Master of Science in Artificial Intelligence (MScAI) program are required to possess a relevant undergraduate degree. Acceptable qualifications include, but are not limited to, the following specializations:

- Bachelor of Computer Science or its equivalent
- Bachelor of Engineering or its equivalent
- Bachelor of Information Technology or its equivalent

- Bachelor of Mathematics or its equivalent

Panel Interview:

Offers of admission are adjudicated by a panel consisting of one faculty members of the SEAST from different program specialties, the Program Director and a representative of the Office of Registrar, as a result of the following process:

- 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.
- Selected applicants complete a panel interview.
- Offers of admission are made based on the interview's outcome, which includes academic record excellence and suitability as an objective assessment criterion.

The Panel Interview conducted by the panel will be 30 minutes duration and follows a standard protocol. It aims to determine the applicant:

- Oral language proficiency and communication skills (applicants will be invited to speak about themselves and their career goals after graduation and write a short essay).
- Motivation and engagement.
- The rationale for the choice of major;
- Prospect for successful completion of the program.

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

Remedial Arrangement:

If an applicant does not hold a baccalaureate degree in any of the specializations listed above, then the applicant must pass one, two, or all of the following three remedial courses, each of which is non-credit, to qualify for regular admission to the MScAI program in addition to all other applicable admission requirements.

Course Code		Course Title	Prerequisite	Contact Hours
MAI	501	Programming for AI	None	45
MAI	502	Introduction to AI	None	45
MAI	503	Discrete Mathematics to Computer Science	None	45

The remedial courses are not considered part of the MScAI program. The School of Engineering and Applied Science and Technology (SEAST) will decide about the remedial courses based on the CGPA and/or program-related knowledge in the baccalaureate degree of the applicant.

J. Master of Public Health (MPH) Program

In addition to the general admission requirements, the applicants in the Master of Public Health program must hold a related undergraduate degree including, but to limited to, the following specializations:

- Public Health
- Environmental Health, Environmental Management, or Environmental Sciences
- Health Management, Health Administration, or Health Sciences
- Biology, Chemistry, Microbiology, or Pharmacy

- Occupational Health and Safety
- Nursing

Panel Interview:

Offers of admission are adjudicated by a panel consisting of two faculty members of the Department of Public Health from different program specialties, the Program Coordinator, and a representative of the Office of the Registrar, as a result of the following process:

- 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.
- Selected applicants complete a panel interview.
- Offers of admission are made based on the interview's outcome, which includes academic record excellence and suitability as an objective assessment criterion.

The Panel Interview conducted by the panel will be 30 minutes duration and follows a standard protocol. It aims to determine the applicant:

- Oral and written language proficiency and communication skills (applicants will be invited to speak about themselves and their career goals after graduation and write a short essay).
- Motivation and engagement.
- The rationale for the choice of major.
- Prospect for successful completion of the program.

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

Remedial Arrangement:

If an applicant who does not hold a baccalaureate degree in any of the specializations listed above then the applicant must register and pass all the following three remedial courses, each of which is three credit hours, to qualify for the regular admission to the MPH program in addition to all other applicable admission requirements. The remedial courses are not considered as part of the MPH program. The Department of Public Health will decide about the remedial courses for a student to register based on the applicant's baccalaureate degree.

Course Code		Course Title	Prerequisite	Contact Hours
MPH	500	Principles of Public Health	None	45
MPH	501	Fundamentals of Environmental Health	None	45
MPH	502	Fundamentals of Healthcare Management	None	45

Specified Time Period for Completion: Students enrolled in non-credit remedial courses are allowed one academic year to pass the courses, after which a successful student may be fully admitted to a credit-bearing program, and an unsuccessful student who has not completed the courses will leave the institution.

Threshold GPA for Progression: A grade of at least B (3.0/4.0) is required in the registered remedial courses to progress successfully into the intended graduate program.

Additionally, CUD allows graduate students to register for credit-bearing courses in a graduate program only after they have successfully completed non-credit remedial courses, if required.

K. Master of Science in Environmental Artificial Intelligence (MScEAI) Program

In addition to the general admission requirements, the applicants to the MScEAI program must hold a related undergraduate degree in one of the following fields (or closely related disciplines): Environmental Science, Geoinformatics/GIS, Geography, Artificial Intelligence, Computer Science, Data Science, Software Engineering, Computer Engineering, Electrical Engineering, Civil Engineering, Mathematics, Statistics, Physics, or equivalent.

As part of the admissions process, applicants may be requested to submit a statement of purpose outlining their motivation and research interests in Environmental AI, a curriculum vitae, and any additional documentation required by the University (such as references, an interview, or a portfolio), as applicable.

Panel Interview:

Admission decisions are made by a panel comprising faculty members, the Program Coordinator, and a Registrar representative. After an initial screening, shortlisted applicants undergo a panel interview, and final offers are based on academic performance, interview outcomes, and overall suitability for the program. The outcome is documented in the Graduate Studies Interview Form and placed in the student's file.

Remedial Arrangement:

Applicants who do not hold a bachelor's degree in a specialization related to Artificial Intelligence or Environmental disciplines, but who otherwise meet the English language proficiency requirements, must complete the following remedial courses, each of which is three credit hours, to qualify for the regular admission to the MScEAI program in addition to all other applicable admission requirements. The remedial courses are not considered as part of the MScEAI program.

Applicants coming from a computer science or engineering background with no prior exposure to environmental courses will need to take:

- MPH 500 Principles of Public Health
- MPH 501 Fundamentals of Environmental Health

Applicants coming from an environmental background with no prior exposure to programming will need to take:

- MAI 501 Programming for AI Applications
- MAI 502 Introduction to AI

Course Code	Course Title	Prerequisite	Contact Hours
MPH 500	Principles of Public Health	None	45
MPH 501	Fundamentals of Environmental Health	None	45
MAI 501	Programming for AI Applications	None	45
MAI 502	Introduction to AI	None	45

L. Postgraduate Diploma in Environmental Artificial Intelligence (PGDEAI) Program

Same as of Master of Science in Environmental Artificial Intelligence (MScEAI) Program.

M. Master of Science in Design Innovation for Circular Economy Program

In addition to the general admission requirements, the applicants to the Master of Science in Design Innovation for Circular Economy (MScDICE) program must hold a recognized undergraduate degree in a relevant discipline such as:

- Architecture,
- Civil Engineering,
- Environmental Design,
- Fashion Design,
- Industrial Design,
- Interior Design,
- Landscape Design,
- Product Design,
- Service Design,
- Sustainable Design, and
- Urban Planning

Additional Program Admission Requirements:

As part of the admission process, applicants are required to submit a portfolio showcasing their previous work. The portfolio should demonstrate the applicant's skills, with a particular emphasis on sustainability and system thinking. It may include academic projects, professional work, research contributions, or independent explorations that reflect the applicant's design approach.

For applicants who do not have a traditional portfolio of projects, an alternative submission is accepted. Instead, candidates may provide a comprehensive report outlining their academic and professional achievements relevant to the program. This report should highlight experiences in sustainability, innovation or related disciplines and demonstrate their ability to engage with the challenges and opportunities of the circular economy.

All shortlisted candidates will be invited for an interview before receiving an offer. The interview provides an opportunity to discuss the applicant's background, aspirations, and alignment with the program's objectives. It also allows candidates to elaborate on their previous experiences and how they envision contributing to the field of circular design.

Note: For MScDICE program, the minimum required cumulative grade point average (CGPA) for admission is 2.5 on a 4.0 scale. This program does not offer remedial courses, and all admitted students must meet the minimum CGPA requirement at the time of admission.

5.2.6 Undergraduate Equivalency Certificate Requirement

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

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

5.3 Doctorate Program Admission

5.3.1 General Admission Requirements

Completion of a recognized Master's degree in a discipline appropriate for the Doctorate program is required. A Postgraduate Diploma is not equivalent to a Master's degree and does not qualify an applicant for admission to the Doctorate program.

The general admission requirements applicable to all graduate programs are as follows:

- A minimum cumulative CGPA of 3.00 on a 4.0 scale or its established equivalent in the applicant's master degree.
- A minimum TOEFL score of 550 (PBT), 213 (CBT), or 79 (iBT), IELTS score of 6.0 or an equivalent standardized English test approved by the CAA.
- Students who have completed undergraduate and graduate education in an English medium institution might be allowed admission into the DBA program without demonstrating a TOEFL 550 score of 550 (or equivalent).

Note: Home Edition TOEFL & IELTS (Academic UKVI/ Online) examinations are not accepted as an English language proficiency qualification for admission into CUD.

5.3.2 DBA Program-Specific Admission Requirements

In addition to the general admission requirements, prospective applicants seeking admission to the Doctorate in Business Administration (DBA) program are required to hold a relevant master's degree. Acceptable qualifications include, but are not limited to, the following specializations such as Business Administration, Public Administration, Investment Management, Management, Project Management, Corporate Finance, Finance, Sustainability Management, Digital Transformation Management, Marketing, Business Analytics, E-commerce Management, Accounting, Risk Management, Data Science in Business, International Business, Technology Management, Media and Communication Management, Economics, Engineering Management, International Trade and Development, Organizational Leadership, Environmental Management, Retail Management, Entrepreneurship, Logistics and Transportation, Operations Management, Leadership and Organizational Development, Human Resource Management, Supply Chain Management, Innovation and Change Management, Strategic Management, and Total Quality Management.

5.3.3 Conditional Admission Requirements for DBA program

There will be no conditional admission into the DBA program.

5.3.4 Additional Program Admission Requirements: Panel Interview

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

- 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.
- Selected applicants complete a panel interview.
- 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 Coordinator and the two faculty member of School of Management. It lasts 30 minutes and follows a standard protocol captured by the DBA Interview Form. Its aim is to determine the applicant's:

- Language proficiency and communication skills (applicants are invited to speak about themselves and their career goals in relation to their choice to enroll in DBA program).
- Motivation and engagement.
- Rationale for the choice of the program.
- Prospect for successful completion of the program.

The interview culminates with a panel recommendation for full acceptance, conditional acceptance, or further consideration after submission of additional material, or rejection. This recommendation is based on an objective five-point Likert scale, including academic record; communication skills, motivation, etc.

5.3.5 Transfer Admissions to DBA Program

There will be no transfer admissions into the DBA program and no provisions for advanced standing through Recognition of Prior Learning (RPL) within the framework of the proposed DBA program.

5.3.6 Equivalency Certificate for DBA Degree Requirement

An equivalency certificate for the master degree issued by the Ministry of Higher Education and Scientific Research (MOHESR) UAE is required for all students who completed their graduate studies outside of the UAE.

The steps required to obtain an equivalency may be found below:

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

5.4 Deadlines for Admission

CUD admits undergraduate and graduate students for Fall, Spring, and Summer 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 [Deadlines for Admission | Canadian University Dubai \(cud.ac.ae\)](#). Applicants are also advised to complete their admission file as quickly as possible because when program space is limited, preference may be given to applicants who have provided all required supporting documents prior to the deadline for submission of the documents.

5.5 Letter of Admission

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

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

5.6 Admission Appeals

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

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

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

5.7 Student Visa

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

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

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

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

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

Documents Required for Visa Processing:

- Colour Passport Photocopy
- 4 Colour Passport Photographs (Submitted with Application for Admission)

- Letter of Acceptance from the University with course details and duration

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

5.8 Falsified Admission Documents

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

5.9 Re-Admission of Withdrawn Students

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

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

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

6 Advanced Standing

6.1 Undergraduate Advanced Standing

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

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

a) Conditions

- i. To protect the integrity of its awards, CUD will only award advanced standing for up to 3 subjects which were achieved with a minimum grade equivalent to B in:
 - The GCE A-Level subjects
 - The IB Higher Levels subjects
 - The Lebanese Baccalaureate,
 - The French Baccalaureate,
 - The German Abitur
- ii. A subject may be considered for credit award only if the study plan of the program includes a first-year course whose learning outcomes are judged to be achieved by the coverage of the content of the subject under consideration.
- iii. Students must submit certified copies of the subjects' descriptions to the Registration Department during the first semester of their study.

b) Procedure

- i. Decisions on applications are made by the Registrar based on the recommendation of the Dean of the School which offers the Academic Program.
- ii. Any application for advanced standing must be looked at in the totality of the student's application.
- iii. To ensure equitable application of this policy, all determinations on advanced standing must be recorded on the student's record on CUD Student Information System (CUD Registration System).
- iv. The University reserves the right to withdraw advanced standing where the documentation provided by the applicant proves to be incomplete, misleading, false or invalid or when an error has been made in assessing or processing the application.
- v. Advanced standing in specified subjects is not granted for subjects which were completed 5 years or more prior to application

6.1.1 Grades Issued for Advanced Standing

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

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

6.1.2 Appeals Against Decisions on Advanced Standing

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

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

6.2 Transfer of Credits for CUD Students

Canadian University Dubai allows its students to take courses at another UAE institutions recorded in the National Register of Licensed HEIs, other organizations in the UAE approved by the CAA, or in an institution with which CUD has an articulation agreement.

- The student must submit a Letter of Permission Form duly filled to the Registrar Office with official syllabus of the courses requested to take in other institution.
- The Dean of School/Faculty is the only authority to approve the request of the student to take courses in other institutions.
- On completion of the courses at other institution, the students must submit the certified transcript to the Office of the Registrar.
- The courses taken at another institution will be included in the transcript of the students if the grades obtained by the student in the courses are C or better for undergraduate programs and B or better for graduate programs.

The transferred credits will not be included in the calculation of GPA or CGPA.

6.3 Prior Learning Assessment and Recognition Policy

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

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

6.3.1 Different Methods Used for Assessing PLAR

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

a) Portfolio

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

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

b) Challenge Assessment

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

6.3.2 Prior Learning Assessment and Recognition Procedure

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

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

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

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

6.3.3 Appeal Against the Denial of PLAR

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

6.3.4 Application Process and Guidelines

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

Step 1: Contact and consult with the PLAR Services at the Registration Division to apply.

The applicant for PLAR credits is responsible for identifying and documenting prior learning and for seeking recognition against academic credits at Canadian University Dubai.

Step 2: Consult with the academic advisor on the eligibility of prior learning.

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

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

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

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

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

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

Step 3: Complete and submit the PLAR Form together with documented evidence of prior learning.

Make sure to sign and date the form and to attach originals or certified copies of evidence of prior learning.

Step 4: Pay a PLAR application fee of 25% of the course tuition fee.

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

Step 5: Contact the designate PLAR assessor to complete the prescribed PLAR assessment(s).

It is the applicant's responsibility to contact the designated Chair of PLAR Assessment Committee and to complete the required PLAR assessment(s) within twenty-one (21) days following the date of application. Past that time period, the PLAR application becomes null and void.

The designated PLAR Committee shall communicate the nature, format, expectations, duration and date(s) of the challenge within three (3) working days following its meeting with the applicant to discuss prior learning and possible assessment methods. The applicant should be given no less than seven (7) working days to prepare for the challenge. Within three (3) working days following the PLAR assessment(s), the Chair of the Assessment Committee shall return the result(s) approved by the Dean to the Registration Department and be prepared to provide the applicant with adequate feedback. PLAR Services shall immediately notify the applicant of the decision (approval or denial) in writing.

Cautionary Notes:

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

7 Registration Process and Procedures

7.1 Undergraduate Registration Process and Procedure

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

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

Course Registration Process

a) New Students

- i. Once admitted into the University, students will be required to pay the first semester fees in full or first instalment "a minimum of 60% of their tuition" plus registration fee" to be able to register for the courses.
- ii. Once the Payment is made, student will be entitled to select the courses by with the Admission and Registration Officer.
- iii. One the courses are selected; the student will be able to see the class schedule on the student portal.

b) Returning Students

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

7.2 Graduate Student Registration Process and Procedure

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

Course Registration Process

a) New Graduate Students

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

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

b) Returning Students

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

Important Notes for New and Returning Students

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

7.3 Student ID Card

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

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

7.4 Student Orientation and Academic Advising

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

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

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

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

7.5 Add and Drop

a) Add and Drop for Undergraduate Programs

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

b) Add and Drop for Graduate Programs

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

7.6 Course Withdrawal

a) Course Withdrawal for Undergraduate Studies

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

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

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

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

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

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

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

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

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

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

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

c) Course Withdrawal for Graduate Programs

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

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

Withdrawing or dropping a course or courses may:

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

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

7.7 Holding Registration

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

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

7.8 Withdrawal from the University

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

- A student may be required by the University to withdraw from a course, program or from the University itself for reasons deemed as 'just cause'. The Provost 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 Provost may require immediate and permanent withdrawal from the University by any student that breaches accepted local behavioral norms. The student will be informed in writing if he/she is formally withdrawn from the University
- A student that is withdrawn from a course or a program at the University is not eligible for any refund of fees paid
- A student that has been 'Withdrawn' is not allowed to continue in the program

7.9 Reinstatement after Withdrawal

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

8 Fees and Payments

Estimated 1st Year Costs Based on Full Time Studies

*Application Fee included

8.1 Undergraduate Program Fees

8.1.1 School of Architecture and Interior Design

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

8.1.2 School of Engineering, Applied Science and Technology

Department and Programs	Fee per Credit Hour	VAT 5%	Fee per Credit Hour	Fee per Course (3 Cr Hrs.)	Cs* per Year	Tuition Fees* per Year	Incidental Fees*	Total Fees* per Year
	Pre VAT		VAT inclusive					
Department of Computer Engineering and Computational Sciences								
Bachelor of Computer and Networking Engineering Technology	AED 2,300.50	AED 115.03	AED 2,415.53	AED 7,246.58	33	AED 79,712.33	AED 2,236.50	AED 81,948.83
						USD 21,838.99	USD 612.74	USD 22,451.73
BSc in Computer Science	AED 2,300.50	AED 115.03	AED 2,415.53	AED 7,246.58	30	AED 72,465.90	AED 2,236.50	AED 74,702.40
						USD 19,853.67	USD 612.74	USD 20,466.41
BSc in Cyber Security	AED 2,300.50	AED 115.03	AED 2,415.53	AED 7,246.58	30	AED 72,465.90	AED 2,236.50	AED 74,702.40
						USD 19,853.67	USD 612.74	USD 20,466.41
BSc in Software Design	AED 2,300.50	AED 115.03	AED 2,415.53	AED 7,246.58	30	AED 72,465.90	AED 2,236.50	AED 74,702.40
						USD 19,853.67	USD 612.74	USD 20,466.41
BSc in Artificial Intelligence	AED 2,300.50	AED 115.03	AED 2,415.53	AED 7,246.58	33	AED 79,712.33	AED 2,236.50	AED 81,948.83
						USD 21,838.99	USD 612.74	USD 22,451.73
Bachelor of Science in Cloud Computing	AED 2,300.50	AED 115.03	AED 2,415.53	AED 7,246.58	31	AED 79,712.33	AED 2,236.50	AED 81,948.83
						USD 21,838.99	USD 612.74	USD 22,451.73
Department of Electrical Engineering								
BSc in Mechatronics Engineering	AED2,300.50	AED115.03	AED2,415.53	AED7,246.58	34	AED 82,127.85	AED 2,236.50	AED 84,364.35
						USD 22,500.78	USD 612.74	USD 23,113.52
BSc in Power and Renewable Energy Engineering	AED2,300.50	AED115.03	AED2,415.53	AED7,246.58	34	AED 82,127.85	AED 2,236.50	AED 84,364.35
						USD 22,500.78	USD 612.74	USD 23,113.52
Bachelor of Science in Industrial and Engineering Management	AED2,300.50	AED115.03	AED2,415.53	AED7,246.58	34	AED 82,127.85	AED 2,236.50	AED 84,364.35
						USD 22,500.78	USD 612.74	USD 23,113.52

8.1.3 School of Management

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

8.1.4 School of Communication

Department and Programs	Fee per Credit Hour	VAT 5%	Fee per Credit Hour	Fee per Course (3 Cr Hrs.)	CHs* per Year	Tuition Fees* per Year	Incidental Fees*	Total Fees* per Year
	Pre VAT		VAT inclusive					
BA in Communication - Advertising and Integrated Marketing Communications	AED 2,033.00	AED 101.65	AED 2,134.65	AED 6,403.95	30	AED 64,039.50	AED 2,236.50	AED 66,276.00
						USD 17,545.07	USD 612.74	USD 18,157.81
BA in Communication - Digital Media and Journalism	AED 2,033.00	AED 101.65	AED 2,134.65	AED 6,403.95	30	AED 64,039.50	AED 2,236.50	AED 66,276.00
						USD 17,545.07	USD 612.74	USD 18,157.81
BA in Communication - Public Relations	AED 2,033.00	AED 101.65	AED 2,134.65	AED 6,403.95	30	AED 64,039.50	AED 2,236.50	AED 66,276.00
						USD 17,545.07	USD 612.74	USD 18,157.81

8.1.5 School of Creative Industries

Department and Programs	Fee per Credit Hour	VAT 5%	Fee per Credit Hour	Fee per Course (3 Cr Hrs.)	CHs* per Year	Tuition Fees* per Year	Incidental Fees*	Total Fees* per Year
	Pre VAT		VAT inclusive					
Bachelor of Arts in Creative Industries	AED 2,247.00	AED 112.35	AED 2,359.35	AED 7,078.05	30	AED 70,780.50	AED 2,236.50	AED 73,017.00
						USD 19,391.92	USD 612.74	USD 20,004.66

8.1.6 School of Health Sciences, Digital Innovation and Sustainability

Department and Programs	Fee per Credit Hour	VAT 5%	Fee per Credit Hour	Fee per Course (3 Cr Hrs.)	CHs* per Year	Tuition Fees* per Year	Incidental Fees*	Total Fees* per Year
	Pre VAT		VAT inclusive					
BSc in Public Health and Environmental Health Management	AED 2,241.65	AED 112.08	AED 2,353.73	AED 7,061.20	30	AED 70,611.98 USD 19,345.75	AED 2,236.50 USD 612.74	AED 72,848.48 USD 19,958.49
BSc in Public Health and Health Administration	AED 2,241.65	AED 112.08	AED 2,353.73	AED 7,061.20	30	AED 70,611.98 USD 19,345.75	AED 2,236.50 USD 612.74	AED 72,848.48 USD 19,958.49
BSc in Environmental Sciences and Sustainability	AED 2,241.65	AED 112.08	AED 2,353.73	AED 7,061.20	30	AED 70,611.98 USD 19,345.75	AED 2,236.50 USD 612.74	AED 72,848.48 USD 19,958.49
BA in Psychology	AED 2,140.00	AED 107.00	AED 2,247.00	AED 6,741.00	30	AED 67,410.00 USD 18,468.49	AED 2,236.50 USD 612.74	AED 69,646.50 USD 19,081.23

8.2 Graduate Program Fees

8.2.1 School of Architecture and Interior Design

Programs	Total Credit Hours	Fee per Credit Hour	VAT 5%	Fee per Credit Hour	Fee per Course	Tuition Fees for All Courses	Incidental Fees*	Total Fees* per Year
		Pre VAT		VAT inclusive				
Master of Science in Design Innovation for Circular Economy	33	AED 3,000	AED 150.00	AED 3,150.00	AED 9,450.00	AED 103,950.00 USD \$28,479.45	AED 2,604 USD \$713.42	AED 106,554.00 USD \$29,192.88

8.2.2 School of Engineering, Applied Science and Technology

Programs	Total Credit Hours	Fee per Credit Hour	VAT 5%	Fee per Credit Hour	Fee per Course	Tuition Fees for All Courses	Incidental Fees*	Total Fees* per Year
		Pre VAT		VAT inclusive				
Remedial Preparation Program Courses	-	AED 2,300.50	AED 115.03	AED 2,415.53 USD \$661.79	-	-	-	-
Master of Science in Artificial Intelligence	33	AED 3,900	AED 195.00	AED 4,095.00	AED 12,285.00	AED 135,135.00 USD \$37,023.29	AED 2,604 USD \$713.42	AED 137,739.00 USD \$37,736.71

8.2.3 School of Management

Programs	Total Credit Hours	Fee per Credit Hour	VAT 5%	Fee per Credit Hour	Fee per Course	Tuition Fees for All Courses	Incidental Fees*	Total Fees* per Year
		Pre VAT		VAT inclusive				
Remedial Preparation Program Courses	-	AED 2,247	AED 112.35	AED 2,359.35 USD \$646.40	-	-	-	-
Master of Business Administration	36	AED 2,675	AED 133.75	AED 2,808.75	AED 8,426.25	AED 101,115.00 USD \$27,702.74	AED 2,604 USD \$713.42	AED 103,719.00 USD \$28,416.16
Master in Information Technology Management	36	AED 2,675	AED 133.75	AED 2,808.75	AED 8,426.25	AED 101,115.00 USD \$27,702.74	AED 2,604 USD \$713.42	AED 103,719.00 USD \$28,416.16
Master of Science in Business Analytics	30	AED 2,675	AED 133.75	AED 2,808.75	AED 8,426.25	AED 84,262.50 USD \$23,085.62	AED 2,604 USD \$713.42	AED 86,866.50 USD \$23,799.04
Master of Science in Financial Technology	33	AED 2,675	AED 133.75	AED 2,808.75	AED 8,426.25	AED 92,688.75 USD \$25,394.18	AED 2,604 USD \$713.42	AED 95,292.75 USD \$26,107.60
Master of Science in Project Management	30	AED 2,675	AED 133.75	AED 2,808.75	AED 8,426.25	AED 84,262.50 USD \$23,085.62	AED 2,604 USD \$713.42	AED 86,866.50 USD \$23,799.04
Postgraduate Diploma in Business Analytics	24	AED 2,675	AED 133.75	AED 2,808.75	AED 8,426.25	AED 67,410.00 USD \$18,468.49	AED 2,604 USD \$713.42	AED 70,014.00 USD \$19,181.91

Programs	Total Credit Hours	Fee per Credit Hour	VAT 5%	Fee per Credit Hour	Fee per Course	Tuition Fees for All Courses	Incidental Fees*	Total Fees* per Year
		Pre VAT						
Postgraduate Diploma in Financial Technology	24	AED 2,675	AED 133.75	AED 2,808.75	AED 8,426.25	AED 67,410.00 USD \$18,468.49	AED 2,604 USD \$713.42	AED 70,014.00 USD \$19,181.91
Postgraduate Diploma in Project Management	24	AED 2,675	AED 133.75	AED 2,808.75	AED 8,426.25	AED 67,410.00 USD \$18,468.49	AED 2,604 USD \$713.42	AED 70,014.00 USD \$19,181.91
Doctorate in Business Administration	54	AED 4,500	AED 225.00	AED 4,725.00	AED 14,175.00	AED 70,875.00 USD \$19,417.81	AED 2,604.00 USD \$713.42	AED 73,479.00 USD \$20,131.23

8.2.4 School of Health Sciences, Digital Innovation and Sustainability

Programs	Total Credit Hours	Fee per Credit Hour	VAT 5%	Fee per Credit Hour	Fee per Course	Tuition Fees for All Courses	Incidental Fees*	Total Fees* per Year
		Pre VAT						
Remedial Preparation Program Courses	-	AED 2,241.65	AED 112.08	AED 2,353.73 USD \$644.86	-	-	-	-
Master of Public Health	42	AED 2,800	AED 140.00	AED 2,940.00	AED 8,820.00	AED 123,480.00 USD \$33,830.14	AED 2,604 USD \$713.42	AED 126,084.00 USD \$34,543.56
Master of Science in Environmental Artificial Intelligence	36	AED 2,800	AED 140.00	AED 2,940.00	AED 8,820.00	AED 105,840.00 USD \$28,997.26	AED 2,604 USD \$713.42	AED 108,444.00 USD \$29,710.68
Postgraduate Diploma in Environmental Artificial Intelligence	24	AED 2,800	AED 140.00	AED 2,940.00	AED 8,820.00	AED 70,560.00 USD \$19,331.51	AED 2,604 USD \$713.42	AED 73,164.00 USD \$20,044.93

- Fees are effective from the **Academic year 2024-25** and are inclusive of VAT.
- Actual tuition fees are paid based on credit hours taken per semester.
- Canadian University Dubai reserves the right to revise its prices annually up to a maximum of 10%.
- All prices listed in USD are subject to change without prior notice due to currency fluctuation.
- USD Rate @ 3.65.

8.3 Non-Credit Course Fees

Programs	Number of Weeks	Cost per Course (Pre VAT)	VAT 5%	Cost per Course (VAT inclusive)
English for Academic Purposes 101	6.5 weeks	AED 5,866.67	AED 293.33	AED 6,160.00
				USD 1,687.67
English for Academic Purposes 201	6.5 weeks	AED 5,866.67	AED 293.33	AED 6,160.00
				USD 1,687.67
English for Academic Purposes 301	6.5 weeks	AED 4,589.20	AED 229.46	AED 4,818.66
				USD 1,320.18
English for Academic Purposes 401	6.5 weeks	AED 4,589.20	AED 229.46	AED 4,818.66
				USD 1,320.18
Basic Arabic	15 weeks	AED 4,235.00	AED 211.75	AED 4,446.75
				USD 1,218.29
Pre-Calculus	15 weeks	AED 4,235.00	AED 211.75	AED 4,446.75
				USD 1,218.29
College Algebra	15 weeks	AED 4,235.00	AED 211.75	AED 4,446.75
				USD 1,218.29

8.3.1 EAP Program Registration and Incidental Fees

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

- All fees in AED (Emirati Dirhams)
- Incidental Fees are subject to change and are Non-Refundable
- Fees are effective from the **Academic year 2024-25** and are inclusive of VAT.
- Reservation seat fees are nonrefundable if the student withdraws or does not enroll in the University and are applied toward tuition fees if the student enrolls in his/her program.
- Canadian University Dubai reserves the right to revise its prices annually up to a maximum of 10%.

Incidental Fees

a) Undergraduate Incidental Fees

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

b) Graduate Incidental Fees

Incidentals	Fee (Pre VAT)	VAT 5%	Fee (VAT Inclusive)
Application Fee – 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

c) Other Student Fees

Incidentals	Fee (Pre VAT)	VAT 5%	Fee (VAT Inclusive)
Seat Reservation Fee/Tuition Deposit (Non-refundable but adjustable towards the tuition fee)	-	-	2500.00
Visa Security Deposit	5,000.00	-	5,000.00
Visa Application if within UAE	2,850.00	142.50	2,992.50
Visa Application if Outside UAE	2,350.00	117.50	2,467.50
Private Health Insurance (Third party - annual)	2,200.00	110.00	2,310.00
Late Registration Penalty per Semester	1,000.00	50.00	1,050.00
Transfer Credit from Other University Fee	500.00	25.00	525.00
Payment Plan Application Fee	400.00	20.00	420.00
Payment Plan Late Fee	800.00	40.00	840.00
Cheque Bounce Penalty	800.00	40.00	840.00
Prior Learning and Recognition Assessment	-	-	25% of course fee

Incidentals	Fee (Pre VAT)	VAT 5%	Fee (VAT Inclusive)
Prior Learning and Recognition Assessment Appeal	500.00 (per course)	25.00 (per course)	525.00 (per course)
Change of Major / Program	300.00	15.00	315.00
Application for reviewing exam sheet (Grade Appeal)	300.00 (per course)	15.00 (per course)	315.00 (per course)
Application of Incomplete Grade/Makeup Exam	1,000.00	50.00	1,050.00
Reseat Exam (Graduating Students Only)	-	-	50% of course fee
Placement Test	190.50	9.50	200.00
TOEFL Test	800.00	40.00	840.00
Official Transcript	100.00	5.00	105.00
Urgent Transcript	200.00	10.00	210.00
Letter of Permission	300.00 (per course)	15.00 (per course)	315.00 (per course)
Official letter	50.00	2.50	52.50
Urgent Official Letter	150.00	7.50	157.50
Course Syllabus - Print & Stamp	100.00 (per course)	5.00 (per course)	105.00 (per course)
Graduation Fee	850.00	42.50	892.50
Graduation Ceremony Participation Fee	600.00	30.00	630.00
Re-Issuance of Degree Certificate	1200.00	60.00	1,260.00
Replacing lost RFID Card	165.00	8.25	173.25
Courier Services	238.10	11.90	250.00
Official Statement of Fees/ Account	50.00	2.50	52.50
Student Transportation*	2,800.00	-	2,800.00
Parking Fee per Semester (based on availability)	1,000.00 (VAT inclusive)	-	1,000.00

- All fees in AED (Emirati Dirhams)
- Incidental Fees are subject to change and are Non-Refundable
- Prices are effective from the **Academic Year 2024-25** and are inclusive of VAT
- Reservation seat fees are nonrefundable if the student withdraws or does not enroll in the University, and are applied toward tuition fees if the student enrolls in his/her program.
- Canadian University Dubai reserves the right to revise its prices annually up to a maximum of 10%.

8.4 Payment Schedule

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

8.5 Refund Policies

Refund Policy for Undergraduate Programs

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

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

**All incidental fees are non-refundable*

Refund Policy for Graduate Programs

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

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

**All incidental fees are non-refundable*

*Terms and Conditions

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

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

8.6 Overpayment of Tuition Fee

By Students

- If a student is awarded a Canadian University Dubai scholarship or another form of discount, the amount of the award is applied as credit towards following semesters of registration. Unused amounts when a student graduates are not refunded in cash. Scholarships and other discounts are applied against the cost of tuition. No refund of Scholarship or Discounts is permitted.
- Overpayment of tuition is set aside to offset the cost of tuition for a following semester. The cost of fees and services is non-refundable.
- A refund of tuition is refunded to the provider (the source) in the same manner in which it was received, when the student:
 - Graduates
 - Withdraws from studies at Canadian University Dubai
 - Is dismissed for academic or disciplinary reasons
 - Has their visa to the UAE cancelled
- To obtain a refund of the overpayment of tuition, an application must be filed when the student meets one of the above conditions.

Under Third Party Agreements

- Third Party Agreements outline the coverage of tuition and fees. The agreement limits costs associated with courses, credit hours, and other fees.
- If a student does not uphold the agreement, the student must pay tuition and fees in full immediately or be withdrawn.
- Students are responsible for advising the third party of any changes to their registration, academic progression, or costs related to the completion of the program. The University reserves the right to inform the third party employer or loan agency of the academic performance of the student at any time.

- Academic and financial penalties apply. Third Party Sponsors will be expected to adhere to University policies with respect to payment deadlines, late payment penalties, instalment charges, withdrawals, etc.
- Delinquent accounts will be reported, as required by law, to the UAE Authorities.
- Recovery of paid tuition, if any, at the end of each semester must be defined in the agreement. No recovery of fees is permitted. No recovery of Scholarship or Discounts is permitted.

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

8.7 Payment Plans

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

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

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

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

There will be two choices offered for the payment plan:

- 50% upfront payment and a further 50% payment before the mid semester exams.
- 50% upfront payment and a further 2 payments of 25% by before end of Week 9 of the Semester.

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

Eligibility

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

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

8.8 Discounts

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

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

Some Key Information

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

8.8.1 Sibling Discount

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

8.8.2 Spouse Discount

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

8.8.3 Alumni Discount

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

8.8.4 Alumni Sibling and Spouse Discount

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

8.8.5 Government Employee Discount

a) Undergraduate Government Employee Discount

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

b) Graduate Government Employee Discount

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

8.8.6 Student Council Executive Members Discount

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

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

Student Council Executive Members	Members <i>With</i> 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

9 Scholarships

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

Disclaimer:

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

Undergraduate Scholarship

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

Undergraduate and Graduate Scholarship

- Study Scholarship

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

Guiding Principles for Canadian University Dubai Scholarships

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

Please Note the following Condition:

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

Application Deadlines:

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

9.1 Academic Excellence Scholarship

Overall Terms and Conditions

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

a) Academic Excellence Scholarship Allocations

i. 50% Tuition Waiver

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

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

ii. 40% Tuition Waiver

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

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

iii. 30% Tuition Waiver

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

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

iv. 20% Tuition Waiver

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

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

v. 10% Tuition Waiver (Returning Students Only)

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

b) UAE Secondary School Certificate or Equivalent

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

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

9.2 Sports Scholarship

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

Overall Terms and Conditions

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

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

9.3 Financial Hardship Scholarship

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

Overall Terms and Conditions

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

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

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

9.4 Special Needs Scholarship

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

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

Overall Terms and Conditions

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

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

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

9.5 Special Talent Scholarship

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

Overall Terms and Conditions

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

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

10 Academic System

10.1 Semester

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

10.2 Credit Hour

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

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

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

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

10.3 Student Study Load

10.3.1 Undergraduate Students Study Load

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.

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

- i. Students, who are on first Academic probation, are allowed to register 4 new courses (12 credit hours) and repeat one course in which they obtained a grade less than C.
- ii. Students, who are on 2nd Academic probation, are allowed to register 2 new courses (6 credit hours) and repeat two courses (6 credit hours) in which they obtained a grade less than C.
- iii. Students, who are on 3rd Academic probation, are allowed only to repeat 3 courses (9 credit hours) in which they obtained a grade less than C.

b) Study Load of UG Students who are Conditionally Admitted

- i. Students, who are conditionally admitted for nonfulfillment of English Language Proficiency requirement, are allowed to register in the identified Level of the 3 EAP levels and a limited number of GED courses that do not require a good proficiency in English as follows:
 - Holders of TOEFL score less than or equal to 450, or equivalent, will enroll in EAP level 1 which consists of 15 hours per week and in GED 196 Communication Skills in Arabic

- Holders of TOEFL score between 450 and 480, or its equivalent, are allowed to register in EAP Level 2 which consists of 12 hours per week and 2 GED courses: GED 196 Communication Skills in Arabic, and GED 198 Islamic Culture in Arabic.
- Holders of TOEFL score between 480 and less than 500, or its equivalent, are allowed to register in EAP Level 3 which consists of 9 hours per week and 3 GED 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 score 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 MOHESR.

10.3.2 Graduate Student Study Load

A full-time graduate student is typically registered for 9 to 12 credit hours per regular semester or as specified in the study plan. For the Summer semester, the maximum load is six credit hours.

Under exceptional conditions students may increase their normal Fall and Spring semester course load by three (03) credit hours and may register up to 9 credit hours in the summer semester if:

- Student's grade point average (CGPA) is at least 3.5 in the preceding semester, or
- Student expected to graduate at the end of the semester, and their CGPA is at least 3.0.

10.4 Special Arrangement/Independent Study

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

a) Course Delivery using Independent Study Mode

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

- The student has obtained all authorizations (see section Application given below).
- The student must meet the faculty member according to the weekly schedule (1 hour meeting per week). Attendance to the weekly meetings is compulsory: 1 weekly absence

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

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

b) Eligibility

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

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

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

c) Application

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

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

10.5 Policy on Intensive Modes of Course Delivery

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

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

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

10.6 Attendance and Absenteeism Policies

a) Attendance and Absenteeism Policy for Undergraduate Studies

Purpose:

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

Attendance Requirements:

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

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

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

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

b) Attendance and Absenteeism Policy for Graduate Programs

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

10.7 Grading Scheme

a) Grading Scheme for Undergraduate Studies

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

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

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

* **Not computed in GPA.**

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

i. Semester Grade Point Average:

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

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

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

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

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

ii. Cumulative Grade Point Average:

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

b) Grading Scheme for Graduate Programs

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

* **Not computed in GPA.**

- Graduate Programs (MBA, MSc. ...) standard pass mark in each course is 60 percent © (2.00)
- Cumulative GPA is computed only for courses taken at Canadian University Dubai.
- When a course is repeated the highest grade of the two attempts is considered in the computation of GPA and cumulative GPA, but both grades are shown.

i. Semester Grade Point Average:

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

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

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

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

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

ii. Cumulative Grade Point Average:

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

c) Incomplete Grade (I)

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

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

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

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

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

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

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

d) Repeated Courses (R)

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

e) Course in Progress (IP)

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

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

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

10.8 Grade Appeal Policy

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

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

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

10.8.1 Principles

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

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

10.8.2 Procedures for Appeals of Academic Decisions

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

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

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

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

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

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

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

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

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

11 Progression Policies

11.1 Progression Policy for Undergraduate Studies

Academic Standings and Progression towards Graduation

Prior Academic Standing	Current Semester		New Academic Standing	Normal Course Load (credit hours) to be registered	Recommendations
	SGPA	CGPA			
Clear	$G \geq 2$	$G \geq 2$	Clear	See accredited program Study Plan	None
	$1 \leq G < 2$	$G \geq 2$	Conditional	Normal load – 3 Cr Hrs.	None
	Other	Other	Probation	Normal load – 6 Cr Hrs.	Repeat courses when possible
Conditional	$G \geq 2$	$G \geq 2$	Clear	See accredited program Study Plan	None
	$1 \leq G < 2$	$G \geq 2$	Conditional	Normal load – 3 Cr Hrs.	None
	Any	$1 \leq G < 2$	Probation	Normal load – 6 Cr Hrs.	Repeat courses when possible
	Any	$G < 1$	Suspended	0	See advisor
Probation (**)	$G \geq 2$	$G \geq 2$	Clear	See accredited program Study Plan	None
	$G \geq 2$	$G < 2$	Probation	Normal load – 3 Cr Hrs.	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:
 - Student's grade point average (CGPA) is at least 3.5 in the preceding semester, or
 - Student expects to graduate at the end of the semester, and their CGPA is at least 2.0.

11.1.1 Academic Standing

All undergraduate students are expected to achieve a Cumulative Grade Point Average of at least 2.0 in each semester. If the GPA is less than 2.00, the student will be declared in probationary academic standing, and he/she must raise his CGPA to 2.00 or above within three semesters. The student will be awarded one of the following academic standings:

a) Clear Academic Standing

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

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

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

b) Conditional Academic Standing

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

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

c) Probationary Academic Standing

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

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

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

d) Dismissal from Program

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 by the registrar. The students who are dismissed from the program have the right to appeal the decision to the Dean of School/Faculty.

11.2 Progression Policy for Graduate Programs

11.2.1 Academic Standings

All graduate students are expected to achieve a Cumulative Grade Point Average of at least 3.0 in each semester. If the GPA is less than 3.00, the student will be declared in probationary academic standing, and he/she must raise his CGPA to 3.00 or above within one semester. The students will be awarded one of the following academic standings:

a) Clear Academic Standing

The graduate students are required have a CPGA of at least 3.0 without any un-waived 'F' grade for maintenance of Clear Academic Standing in graduate programs, and for graduation from the program.

Courses can be repeated to raise the CGPA to 3.0 or above. A student can repeat up to 3 courses. The same course can be taken up to 3 times. If a student repeats an identical course and there by achieves a higher grade, the new / higher grade will supersede the previous grade in the Cumulative GPA (CGPA) and the original lower grade will not be included in the Cumulative GPA (CGPA). It

should be noted that the higher grade (of the two attempts on the course) issued for the CGPA calculation, but both grades are recorded and appear on the academic transcript.

A compulsory course with an 'F' grade must be repeated immediately during the next term. An elective course with an 'F' grade can either be re-taken or another elective course may be taken to fulfill the elective requirement.

Graduate foundation courses do not carry credit towards the graduate degree but require a passing grade of "P".

A grade of "B" or higher must be earned for all graduate coursework transferred from another institution. The transferred coursework will not be included in the calculation of 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 academic status at all times.

b) Conditional Academic Standing

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

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

c) Probationary Academic Standing

If a student is in a Conditional Academic Standing and fails to achieve a minimum CGPA of 3.0 or above at the end of the term, or obtains an 'F' grade, he/she 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 Academic Advisor immediately to develop a mutually agreed plan of study to enhance the prospect for progression beyond the probationary period. Failure to do this within the first ten (10) days of the probationary term will result in the cancellation of course registration for that current term.

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

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

d) Dismissal from Program

Graduate 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. The students who are dismissed from the program have the right to appeal the decision to the Dean of School/Faculty.

11.2.2 Time Limit

All requirements for a graduate degree must be completed within a four-years period beginning with the student's enrolment in the first term.

11.3 Applying for Re-Admission After Suspension

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

If 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.

11.4 Right to Appeal

The students who are dismissed from the program have the right to appeal the decision to the Dean of School/Faculty.

Submission of Appeal

- The student must submit a written appeal to the Dean of the School/Faculty within ten (10) business days from the date of the dismissal notification.
- The appeal must include:
 - A detailed letter outlining the reasons for the appeal, including any extenuating circumstances or new evidence that may have affected their academic performance.
 - Supporting documents such as medical certificates, counseling records, or any other relevant documentation.

Review of Appeal

- Upon receipt of the appeal, the Dean will acknowledge the appeal in writing within five (5) business days.
- The Dean may convene an Appeals Committee consisting of a faculty members, representative from admission and registration department, and a representative of Student Affairs office.
- The Appeals Committee will review the student's academic record, the appeal letter, and any supporting documentation. They may also request a meeting with the student for further clarification.

Decision

- The Appeals Committee will make a recommendation to the Registrar within ten (10) business days of receiving the appeal.
- The Registrar will make a final decision based on the committee's recommendation and will notify the student in writing within five (5) business days of the committee's recommendation.
- 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.

Reinstatement

- If the appeal is successful, the student will be reinstated in the program and placed on a strict academic plan developed in consultation with their academic advisor.

- The student must comply with all conditions outlined in the academic plan to continue in the program.

Records

All documentation related to the appeal, including the student's appeal letter, supporting documents, and the final decision, will be maintained in the student's academic file in the Registrar's Office.

12 Final Examination Policy

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

12.1 Final Examination Attendance

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

12.2 Examination Conflict and Special Considerations

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

12.3 Deferred Final Examinations

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

12.4 Missed Exams

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

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

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

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

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

12.5 Exam Invigilation

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

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

13 Graduation Policy

13.1 Application for Graduation

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

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

13.2 Academic Requirements for Graduation

- Students must have passed and completed the required number of credit hours for their program of study
- Have completed the program within the following time limits:
 - For full-time programs: twice the length of the regular program
 - For part-time programs: the maximum number of years is the number of required one semester courses (or equivalent thereof) divided by 3
 - In some exceptional cases, a student may require the written approval from the Dean and/or Provost 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 Provost in writing
- Have completed over 50% of the program at Canadian University Dubai

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

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.
- Graduate students should have completed all credit hours for their program by the close of cycle 2 in the Spring Semester
- In exceptional circumstances, undergraduate students may be considered for attendance at the convocation ceremony with up to 30 credit hours remaining (including Spring Semester) on a case-by-case basis. Students should present their situation with supporting documentation to the Registrar for consideration by the graduation committee by the end of February in the year of convocation.
- If students drop courses and their credit hour load to complete their program increases then the offer to participate at convocation will be withdrawn and they will be invited to attend the following academic year, program requirements withstanding.

13.3 Merit Criteria

For Graduation with Honours the following policy is followed:

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

13.4 Participation in the Convocation Ceremony

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

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

- 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.
- Identify any special requirements or needs that Canadian University Dubai must address prior to or during the ceremony.
- 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.
- 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.
- If a student requires a Letter for Permission to attend convocation for their employer, complete an official letter request form at least one week prior to the ceremony.

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

13.5 Conferral of Degree

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

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

13.6 Name on Degree

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

13.7 Attestation of Degrees and Transcripts

In order for a student's Canadian University Dubai Degree, Diploma, Certificate of Merit, and Official Transcript to be attested, the attestation process, as outlined by the Ministry of Higher Education and Scientific Research (MOHESR), UAE, must be completed by the student. Please see the guidelines as per the MOHESR –website:

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

14 Student Academic Rights and Responsibilities

14.1 Student Academic Rights

It is the right of the students to:

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

14.2 Student Academic Responsibilities

It is the responsibility of the student to:

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

15 Student Code of Conduct

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

15.1 Unacceptable Conduct

15.1.1 Unacceptable Conduct: Academic

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

15.1.2 Unacceptable Conduct: University Premises

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

15.1.3 Unacceptable Conduct: Student Safety

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

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

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

15.1.4 Unacceptable Conduct: University Property

A student commits a property offence when she/he:

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

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

15.2 Student Dress Code

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

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

a) Dress Regulations Standards for Male Students

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

b) Dress Regulations Standards for Female Students

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

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

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

15.3 Smoke Free Campus Environment

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

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

a) Procedure

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

b) Warning System

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

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

15.4 Dismissal from Class

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

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

15.5 Student Disciplinary Policy

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

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

15.6 Conduct of Violations and Disciplinary Actions

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

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

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

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

15.6.1 Types of Warning and Actions

- a) **Verbal Warning:** A verbal warning is given by the Vice President of Student Affairs to a student whose conduct or behavior violates the University's Code of Conduct.
- b) **Written Warning:** A written warning is given to the student by the Disciplinary Committee. The warning will state that another violation of the University's code of conduct may result in additional disciplinary measures.
- c) **Probation Warning:** The probation warning is given to the student by the Disciplinary Committee. This probation warning indicates that the student behavior and conduct will be carefully monitored for a certain period of time. Any misconduct may lead to further disciplinary action.
- d) **Reimbursement or Replacement:** Any damage to the University's property will require payment, repair or replacement of the damaged good. Failure to pay may result in preventing the student from registering or obtaining his transcript.
- e) **Mandatory Labor:** Disciplinary action due to a conduct violation may on occasion encompass mandatory labor on campus. This type of action may be alternatively proposed by the Disciplinary Committee

15.6.2 Disciplinary Committee

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

- a) **Procedures**
 - Anyone from Canadian University Dubai Community (faculty, administrator, staff or student) who believes that a violation of the Conduct Code has been committed must inform the Vice President of Student Affairs in writing.
 - The Vice President of Student Affairs will amass and examine evidence relevant to each particular case.
 - The Vice President of Student Affairs will, based on their investigation, decide to refer, or not refer, this case to the Disciplinary Committee.
 - The student maintains the right to appeal their case to the University's President.
 - The Vice President of Student Affairs will select three administrators and four faculty members to sit on the Disciplinary Committee.
- b) **Communications to the Student Regarding Conduct Violations**
 - The Disciplinary Committee will take an acceptable amount of time to plan and conduct its investigation. The investigation will include: Student(s) and witness interviews; and, if needed, preparation of the witness for testimony (ies), and collection of evidence.
 - The Disciplinary Committee will inform the student on paper of the alleged violation of Canadian University Dubai's Code of Conduct and of the verdict reached by the Disciplinary Committee, as well as the disciplinary measures
 - The student will have 72 hours (three class days) to appeal the decision of the Disciplinary Committee to the President prior to any final disciplinary action. The President will reply to

the appeal in writing. A duplicate of the response will be sent to the Vice President of Student Affairs.

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

c) Disciplinary Committee Hearing

- The Vice President of Student Affairs will update all members concerned in the disciplinary action as to the confidentiality of the case.
- The Vice President 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 Vice President 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 Vice President of Student Affairs will prepare a letter informing the accused of the Disciplinary Committee's decision.
- The letter will be stored in the student's folder held in the Registrar's Office.

d) Process for Appeal

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

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

15.7 Student Complaints

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

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

a) Principles

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

- Fair and equitable procedures are used to review and resolve the student complaint.
- Privacy and anonymity is assured for all parties, except for use of information as authorized by law;
- Fair and respectful proceedings during the entire search, deliberation, and conclusions by all involved.

- No retaliation or any shortcoming arising from a student complaint made in good faith.
- Timely handling of complaints with measurable deadlines identified at each stage of the resolution process.
- Timely and regular communication of the case process, progress, and result; Access to-, and option to move to a higher internal level in case the student requires a review based on technical or practical grounds.

b) Types of Student Complaints

i. Academic Complaints

Complaints against academic conclusions include but are not limited to:

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

ii. Administrative Complaints

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

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

c) Complaint Resolution Procedures

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

i. Informal Approach

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

ii. Formal Approach

If the complaint deals with an academic matter, it should be addressed to the Provost; if the complaint is regarding student support services, it should be addressed to the Vice President of

Student Affairs; if the issue deals with an administrative or financial matter, the complaint should be addressed to the Chief Financial Officer (CFO); if the issue deals with registration matters, the complaint should be addressed to the Registrar.

d) Withdrawal of a Complaint

At any time during the informal 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 Provost or the Vice President of Student Affairs, pending a complaint. For academic complaints, in addition to the Provost, the Dean of the appropriate School, one faculty member from another Department and the student counsellor are required. For issues concerning academic matters, in addition to the Vice President of Student Affairs, one faculty member, one Dean, and the Library Director are required.

15.8 Academic Integrity: Policies and Procedures

a) Purpose

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

b) Scope

This policy applies to all current CUD undergraduate and graduate students and covers all academic activities conducted on and off campus.

c) Policy Statement

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

CUD is equally committed to ensuring that suspicions and confirmed cases of academic misconduct are handled in a way that protects the integrity and reputation of its programs, courses, and faculty, while responding to each case fairly, proportionately, and with appropriate discretion.

d) Definitions

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

Suspicion of Academic Misconduct: A reasonable belief, based on observations, documentation, or supporting evidence (including originality and Academic Integrity detection reports), that a student may have engaged in academic misconduct. A suspicion does not, by itself, constitute proof and must be reviewed through the formal processes.

Plagiarism: Plagiarism includes, but is not limited to, representation of others' work, lending unauthorized assistance and using Generative or assistive AI tools, or strategies or processes with the aim of attaining dishonest grades. Any unauthorized or undisclosed use of Artificial Intelligence (AI) tools, including Generative or assistive systems used to create, modify, or translate academic work, shall constitute grounds for suspicion of plagiarism and will be treated as an academic misconduct offence under this policy.

Cheating on Examinations: Cheating refers to attempting to use unauthorized materials or obtaining unauthorized assistance in all types of examinations. This may include impersonating another student; looking at another student's materials; using unauthorized notes/books/calculators; talking to other students; using, or carrying communication devices such as mobile phones or any Bluetooth devices such as watches, earphones, etc.

When an invigilator suspects that a student is cheating during an examination, they shall quietly inform the student of this suspicion, record the date, time, and circumstances without disruption to other students. The student will not be asked to hand in the examination paper or leave the examination room, and the incident will be reported to the Exam Violation Committee for review.

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

Any form of misuse of information and communication technology, including unauthorized access, improper communication, inappropriate use of devices, manipulation of digital tools or platforms, or any activity that violates institutional ICT policies, will not be tolerated. Suspicion of such misuse will be reported to the Disciplinary Committee for necessary action.

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

Ethical Behavior: Students are expected to fully adhere to the ethical standards mandated by CUD 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.

For research activities, students and faculty must also comply with CUD's Ethical Research Policy.

Generative or Assistive AI Tools: These refer to Artificial Intelligence systems designed to generate, enhance, or assist in the creation, translation, or correction of academic content, such as text, images, data, or code. Examples include ChatGPT, Grammarly, GitHub Copilot, and similar applications. Use of such tools without explicit authorization from the instructor constitutes academic misconduct.

CUD-Approved Originality Checking Software: CUD's Learning Management System integrates institution-approved originality checking and AI-detection software that enables students and faculty to verify the originality of academic submissions.

15.8.1 Anti-Plagiarism Strategies

CUD emphasizes preventive course and assessment design to reduce the likelihood of cheating and plagiarism, while reinforcing students' understanding of scholarly expectations.

The effectiveness of CUD's Anti-Plagiarism Strategies depends on shared accountability across the University community. Faculty, students, Deans, and administrative units each play a defined role in promoting academic honesty and ensuring proper use of CUD-approved originality-checking tools. In line with this, the following section outlines the specific roles and responsibilities of stakeholders involved in maintaining academic integrity at Canadian University Dubai.

a) Roles and Responsibilities

Maintaining academic integrity is a shared responsibility that requires active engagement from all members of the University community. CUD recognizes that sustaining a culture of honesty, fairness, and accountability depends on coordinated efforts at the institutional, faculty, and student levels. To ensure that academic standards are consistently upheld across all programs and learning activities, the following roles and responsibilities are defined.

Canadian University Dubai (Institutional Level)

CUD is committed to fostering a culture of integrity and ethical academic conduct. The University shall:

- Establish, communicate, and periodically review institutional mechanisms that promote and enforce academic integrity across all programs and learning activities.
- Provide the necessary Originality Checking Software tools and resources to support the prevention and detection of academic misconduct.
- Conduct periodic workshops, awareness campaigns, and orientation sessions to educate students and faculty about ethical academic practices and proper referencing standards.
- Maintain confidential records of all academic misconduct cases within the Registrar's Office and ensure consistent application of sanctions across all Schools.
- Monitor academic integrity trends through the Institutional Research and Planning (IRP) Unit for institutional reporting and continuous improvement.
- Ensure that all suspicions of academic misconduct are reviewed through designated committees using fair, transparent, and consistent procedures, and that sanctions are applied proportionately based on the merits of each case.

Faculty Members

Faculty members are required to:

- Ensure that use of Generative or assistive AI tools in teaching, learning, and assessment activities is transparent and properly declared.
- Communicate academic integrity expectations clearly at the beginning of each course and include reference to this policy within the course syllabus.

- Use the originality report generated by CUD-approved originality checking software to verify the originality of student submissions prior to grading, and include the report as supporting evidence when evaluating originality while exercising academic judgment.
- Design assessment tasks that promote independent learning, originality, and critical thinking while minimizing opportunities for plagiarism or misuse of technology.
- Report all suspicions of academic misconduct to the Student Disciplinary Committee through the Program Coordinator and Department Chair, providing the evidence and observations available to them, without being required to conduct a formal investigation.
- Participate in workshops and training sessions organized by CUD on good academic practices and emerging technologies related to academic integrity.
- Encourage students to engage in ethical scholarship by providing formative feedback and guidance on citation and referencing techniques.
- Guide students on ethical uses of Generative AI tools, clearly specify any restrictions or permissions in their course syllabi, and design assessments that encourage originality, independent thinking, and responsible digital engagement.
- Write a statement on the permitted or prohibited use of Generative or assistive AI tools explicitly in all assignment instructions and assessment guidelines.

Students

Students share equal responsibility in upholding the CUD's academic standards. They are required to:

- Demonstrate honesty, fairness, and responsibility in all academic activities, including examinations, projects, and research work.
- Submit only original work and properly acknowledge all sources of information and ideas.
- Avoid using Generative or assistive AI tools to produce, modify, or translate academic work unless explicitly permitted by the instructor and properly acknowledged in the submission.
- Attend workshops and training sessions on academic integrity and research ethics when organized by the University.
- Submit all coursework through CUD-approved originality checking software to verify originality prior to submission deadlines.
- Refrain from providing unauthorized assistance to others and report any observed incidents of academic dishonesty through appropriate channels.
- Use Generative or assistive AI tools only when explicitly authorized by the instructor and must clearly acknowledge any such use in their submitted work.
- Cooperate with CUD's processes when notified of a suspicion of academic misconduct, including providing explanations, evidence, or clarifications as requested, and engaging constructively in any remedial or educational measures assigned.

b) Preventive Education and Awareness

CUD shall promote a proactive culture of academic honesty through preventive education initiatives, including an academic integrity tutorial for new students, workshops and awareness campaigns organized by Academic Affairs and Schools, and regular faculty training on designing originality-based assessments and interpreting Turnitin reports.

Preventive education will also address appropriate scholarly argumentation and the differences between opinion, propaganda, and academic work. Particular attention shall be paid to first-year students, who may require additional guidance and remedial support to meet university-level expectations.

c) Institutional Research and Planning (IRP)

The IRP Unit shall compile and analyze academic integrity data by semester, including the number and nature of reported cases, sanctions applied, and improvement actions taken. This report shall be submitted to the Provost and Academic Council for institutional review and continuous enhancement of academic integrity practices.

Where IRP analysis indicates high or rising rates of academic misconduct, the CUD shall review and, where necessary, revise its teaching, assessment, and academic support strategies to reduce the incidence of misconduct.

d) Originality Checking and Academic Integrity Compliance

Institutional Similarity Limits

After applying standard exclusions (bibliography, references, quoted material, and matches of eight words or fewer), the following limits apply across all CUD programs:

Category	Overall Similarity Limit	Remarks
Undergraduate coursework, essays, reports	≤ 20%	Instructor review required if exceeded
Graduate coursework and major projects, capstone projects, dissertations, and theses	≤ 15%	Stricter threshold reflecting higher originality expectations for advanced work.
Programming / Code assignments	≤ 20%	Excludes template and library code; focus on logic similarity

CUD-Approved Originality Checking Software Configuration Standards

The CUD-approved originality checking software shall be configured at the institutional level by the ICT Department to ensure consistency across all Schools and compliance with CUD's Academic Integrity Policy.

The AI-content detection feature in the CUD-approved originality checking software shall remain enabled to help course instructors identify when an AI writing tool such as ChatGPT, text spinners, or AI bypassers (also called humanizers) may have been used in students' submissions. The feature is intended to support academic judgment by providing indicators that may give rise to a suspicion of academic misconduct and shall not be used as the sole basis for determining guilt or assigning sanctions.

The configuration includes the following settings:

- Exclude bibliography and quoted material.
- Exclude small matches of eight (8) words or fewer.
- Permit one draft report (visible to students) and one final submission.
- Draft submissions shall **not** be stored in the standard repository; final submissions **must** be stored.
- Generate similarity reports immediately for drafts to enable self-correction prior to final submission.

15.8.2 Sanctions Related to Violations of Academic Integrity

a) Reporting for Academic Misconduct (Non-Exam Cases)

(Plagiarism, fabrication, AI misuse, misrepresentation, etc.)

Faculty members must report all suspicions of academic misconduct to the Student Disciplinary Committee through the Program Coordinator and Department Chair, using Plagiarism Incident Reporting Form (PIRF-6.w-V1.0), providing the evidence and observations available to them, without being required to conduct a formal investigation.

b) Reporting for Cheating on Examinations (Exam Cases)

(During midterms, finals, tests, quizzes, invigilation situations)

If cheating is suspected, the observing invigilator must quietly call at least one other invigilator to independently verify the suspected violation, and both invigilators must handle the situation silently and discreetly without disturbing other students or alerting the student during verification. The observing invigilator must note the exact time and date of the incident and sign the student's exam paper with his or her name to document the cheating incident and must then record the incident immediately on the Examination Violation Form (EVF-6.w-V1.0) and submit it together with the answer booklet and any supporting evidence to the Chief Invigilator.

c) Sanctions

Upon confirmation of academic misconduct, possible sanctions may include, individually or in combination:

- a mark of zero for the relevant coursework or assessment;
- a failing grade in the course;
- failure in all courses registered in the semester;
- suspension from the program and/or University for up to two regular semesters;
- dismissal from the University.

In determining the appropriate sanction, the Exam Violation Committee shall consider:

- the student's level of study (e.g., first-year undergraduate, senior, graduate);
- the seriousness and impact of the misconduct (including planning, repetition, and whether others were involved or harmed);
- whether the misconduct appears to arise from misunderstanding or from deliberate deceit;
- the student's prior record of academic misconduct.

As a general principle, repeated or more serious misconduct will normally result in progressively more severe sanctions, while allowing for flexibility to address exceptional circumstances.

15.8.3 Appeal

The student may submit a written appeal to the President of the University within 72 hours of the Student Disciplinary Committee's decision, in accordance with the University's appeal policy.

In appeals, the President may review whether the decision appropriately considered the student's academic level, intent, severity of the misconduct, and prior record, and whether sanctions are proportionate and consistent with this policy.

16 Student Records Policy

16.1 Purpose of the Policy

The Student Records Policy ensures that student information:

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

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

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

Canadian University Dubai respects existing:

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

Any breach of this policy is subject to legal action.

Authorized Registration personnel that conduct any activity or make a decision that affects the Official Transcript of the student must ensure there is an official record of that decision. The decision must be recorded electronically in CUD Student Information System and entered directly or attached to the student's record in CUD Student Information System. 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 CUD Student Information System based on the University's document.

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

16.2 Student Information

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

Within CUD Student Information System, 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 student's Academic standing
- Class scheduling together with a record of registration indicating that the right student is registered in the right courses at the right time meeting pre- and co-requisites within the chosen program
- Holds of any kind including academic and tuition or fee assessment
- Merits and any other form of academic recognition

16.3 Procedures

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

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

a) Student File

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

b) Data Entry

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

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

c) Data Retention

Data within the student record:

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

16.4 Physical Copy Documentation

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

16.5 Electronic Data Collection and Dissemination

Data is entered, maintained and deleted in CUD Student Information System by authorized users. Documentation is scanned and linked to data in CUD Student Information System by authorized users.

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

17 Student Affairs

17.1 Career Services and Internship Office

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

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

17.2 Student Success Centre

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

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

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

17.3 Personal Counselling

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

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

17.4 Academic Orientation and Advising

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

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

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

17.5 Career Placement Services

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

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

17.6 Special Needs Services (Accessibility Services)

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

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

17.7 Student Activities

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

- Cultural Events and Performances

- Athletics
- Community Involvement

17.8 Performance and Cultural Events

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

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

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

17.9 Student Athletics

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

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

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

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

Faculty/Staff Role

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

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

Financial Control in Student-run Clubs

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

17.10 Community Involvement

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

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

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

17.11 Student Publications

Newsletter:

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

17.12 Student Councils Policy

Article 1 – Definition of the Student Council

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

Article 2 – Name of the Student Council

Canadian University Dubai Student Council

Article 3 – Mission of the Student Council

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

Article 4 – Membership

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

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

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

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

Article 5 – Election Procedures of the Student Council

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

a) Qualifications for the Positions of President and Vice President

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

b) Qualifications for the Positions of Other Officers

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

c) Election Rules, Procedures and Responsibilities

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

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

d) Elections Code of Conduct

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

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

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

e) Voting Procedures

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

f) Disputes and Violations

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

Article 6 – Student Council Responsibilities and Duties

The Elected Student Council President will:

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

The Elected Student Council Vice-President will:

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

The Elected Student Council Media Officer will:

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

The Elected Student Council Public Relations Officer will:

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

The Elected Student Council Secretary will:

- Schedule meetings;

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

The Elected Student Council Treasurer will:

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

Staff Advisors

The immediate supervisor of the Student council is the University Senate. The Vice President 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 Vice President of Student Affairs. The University Senate will hold a re-election two week after the resignation is presented. The Vice President will replace the President until the newly elected President is voted. For any other position, members can appoint other members to serve in the vacant position.

Article 9 – Removal from Office

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

17.13 Alumni Network

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

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

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

18 Learning Resource Centre

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

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

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

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

18.1 Interlibrary Loan

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

Cooperation with Other Libraries:

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

18.2 Electronic Resources

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

18.3 Access

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

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

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

18.4 Preservation

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

18.5 Student Participation

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

Fair Use, Copyright & Intellectual Property:

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

18.6 Information Literacy

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

18.7 Circulation Policy

a) Students

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

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

b) Faculty

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

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

c) **Staff**

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

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

d) **Fines and Replacement Fees for Lost or Damaged Item**

Fines:

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

Replacement Fees:

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

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

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

18.8 Code of Conduct

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

CUD's Learning Resource Centre will provide:

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

Learning Resource Centre users will:

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

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

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

18.9 Study Rooms

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

a) Purpose

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

b) Policies

Reservation:

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

Included Equipment:

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

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

19 Information and Communication Technology (ICT)

19.1 Information and Communication Technology (ICT) Support

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

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

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

End Users Personal Devices:

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

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

19.2 Appropriate Use

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

a) User

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

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

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

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

b) Canadian University Dubai

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

c) Violations

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

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

19.3 University Technological Infrastructure and Social Media

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

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

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

20 Student Accommodations

Canadian University Dubai is committed to providing students with an international academic experience, guided by the highest educational and corporate ethics, adding value to the personal 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.

20.1 General Rules

All residents must allow their fellow students the opportunity:

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

All students must:

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

20.2 Safety, Security, and Student Conduct

a) In Case of Emergency

Police	999
Ambulance	998
Fire Department	997

b) Incidents

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

	Sameer 055-8602331
	Soumia 055-8035463

c) Fire Prevention

Smoking, the burning of incense or candles, or using any open flame other than the kitchen stove is prohibited. Any student detecting smoke or fire must sound the fire alarm, call the fire department 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.

d) Quiet Hours

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

e) Cleaning

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

f) Room Inspections

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

g) Substance Abuse

Recreational drugs, narcotics, and alcohol are not permitted on any University property including in student rooms. Entering Student Accommodations while under the influence of drugs or alcohol is 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.

20.3 Failure to Comply with the Accommodation Policy

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

20.4 Registration for Accommodation

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

Moving In:

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

21 Occupational Health, Environment and Safety Policy

21.1 Introduction

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

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

21.2 Objectives

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

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

21.3 General Safety Hazards

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

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

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

21.4 Laboratory Activities

Students who participate in laboratory activities are given explicit directions on all issues related to personal safety. These are strictly enforced by the laboratory assistant who manages the laboratory.

Items covered in the training of students include:

• Personal Protective Equipment • Work Area • Proper Attire • Safe Chemical Disposal Procedures • Chemical Control • Broken Glass Handling • Needle Safety • Electrical Hazards • Proper Labeling • Storage • Safety Equipment • Fire Extinguishers	• Proper Use of Other Safety Equipment • First Aid Kit • Material Safety Data Sheet (MSDS) • Safety Warnings • Compressed Gas Cylinders • Testing of Odors • Heating of Glass Tubing, Rods and Test Tubes • Handling of Acids, Bases and Water • Bunsen Burner Usage • Safe Heating of Organic Liquids • Safe Cooling of Organic Liquids • Safe Handling of Laboratory Instrumentation

21.5 Fire Safety Policy

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

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

a) Prevention

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

b) To Report Smoke or Fire

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

c) When an Alarm Rings

Follow RACE Procedure:

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

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

Follow PASS procedure:

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

21.6 Fire Evacuation Plan

a) Steps to Take in Case of Fire

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

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

b) Guidelines

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

22 Academic Programs

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

A. School of Architecture and Interior Design	
1.	Bachelor of Architecture
2.	Bachelor of Science in Interior Design
3.	Bachelor of Science in Design and Artificial Intelligence
4.	Master of Science in Design Innovation for Circular Economy
B. School of Engineering, Applied Science and Technology	
5.	Bachelor of Computer and Network Engineering Technology
6.	Bachelor of Science in Artificial Intelligence
7.	Bachelor of Science in Cloud Computing
8.	Bachelor of Science in Computer Science
9.	Bachelor of Science in Cyber Security
10.	Bachelor of Science in Software Design
11.	Bachelor of Science in Industrial and Engineering Management
12.	Bachelor of Science in Mechatronics Engineering
13.	Bachelor of Science in Power and Renewable Energy Engineering
14.	Master of Science in Artificial Intelligence
C. School of Management	
15.	Bachelor of Business Administration in Accounting and Finance
16.	Bachelor of Business Administration in Business Analytics
17.	Bachelor of Business Administration in e-Business
18.	Bachelor of Business Administration in Entrepreneurship
19.	Bachelor of Business Administration in Human Resource Management
20.	Bachelor of Business Administration in International Business
21.	Bachelor of Business Administration in Management
22.	Bachelor of Business Administration in Marketing
23.	Master of Business Administration • General Management • Finance • Digital Marketing • Talent Management Leadership
24.	Master in Information Technology Management
25.	Master of Science in Business Analytics
26.	Master of Science in Financial Technology
27.	Master of Science in Project Management
28.	Postgraduate Diploma in Business Analytics

29.	Postgraduate Diploma in Financial Technology
30.	Postgraduate Diploma in Project Management
31.	Doctorate in Business Administration
D. School of Communication	
32.	Bachelor of Arts in Communication (English) • Advertising and Integrated Marketing Communication • Digital Media and Journalism • Public Relations
E. School of Creative Industries	
33.	Bachelor of Arts in Creative Industries
F. School of Health Sciences, Digital Innovation and Sustainability	
34.	Bachelor of Science in Public Health and Environmental Health Management
35.	Bachelor of Science in Public Health and Health Administration
36.	Bachelor of Science in Environmental Sciences and Sustainability
37.	Bachelor of Arts in Psychology (English)
38.	Master of Public Health
39.	Master of Science in Environmental Artificial Intelligence
40.	Postgraduate Diploma in Environmental Artificial Intelligence

Continuing Education

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

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

22.1 General Education (GE)

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

- All students enrolled in undergraduate programs are required to complete broadly based basic general education course requirements. The general requirement is designed to add breadth to the students' intellectual experience. Students must attain knowledge and competency equivalent to completing courses in the areas of:
 - Language
 - Science
 - Technology
 - Humanities
 - Social Culture
- All undergraduate students must complete the equivalent of one or more university-level courses in Islamic history or culture **(See your Program Study Plan and Advisor as required)**.

- Learning outcomes for GED courses are clearly defined in the course syllabi and regularly assess the student's achievement of those outcomes through appropriate assessment in the classroom **(See your Program Study Plan and Advisor as required)*.
- Undergraduate students can use the following table to select corresponding electives for their specific program.

GE Learning Outcomes (GELOs)

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

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

UG Program Table

Refer to the assigned "Program Number" of your program to pick elective courses where applicable	
Program Name	Program Number*
Bachelor of Architecture	1
Bachelor of Science in Interior Design	2
Bachelor of Computer and Network Engineering Technology	3
Bachelor of Science in Artificial Intelligence	4
Bachelor of Science in Cloud Computing	5
Bachelor of Science in Computer Science	6
Bachelor of Science in Cyber Security	7
Bachelor of Science in Software Design	8
Bachelor of Science in Mechatronics Engineering	9
Bachelor of Science in Power and Renewable Energy Engineering	10
Bachelor of Science in Industrial and Engineering Management	11
Bachelor of Business Administration	12
Bachelor of Arts in Communication	13
Bachelor of Arts in Creative Industries	14
Bachelor of Science in Public Health	15
Bachelor of Science in Environmental Sciences and Sustainability	16
Bachelor of Arts in Psychology	17

22.1.1 General Education and University Courses

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

Course Code	Course Title	Applicable Program*																	Prerequisite	Cr. Hrs.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17		
Language Courses																				
LNG 171	English I	1	2										12	13	14	15	16	17	None	3
LNG 172	English II	1	2										12	13		15	16	17	LNG 171	3
LNG 173	Professional Communication Skills	1	2																LNG 172	3
LNG 181	English I for Engineering & Computing			3	4	5	6	7	8	9	10	11							None	3
LNG 182	English II for Engineering & Computing			3	4	5	6	7	8	9	10	11							LNG 181	3
GED 196	Communication Skills in Arabic	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	None	3
Science and Technology Courses																				
BIO 100	Unifying Life Processes																	17	None	3
BIO 102	Biology I				4	5	6	7	8				12	13					None	3
GED 102	AI in Modern Life												12	13	14	15	16	17	None	3
GED 125 (ENV 125)	Ecosystems and Human Health												12	13				17	None	3
GED 132	Science and Technology in Society												12	13	14			17	None	3
ENV 201	Principles of Environmental Science												12	13					None	3
MTH 105	Introduction to Statistics													13	14			17	None	3
MTH 112	Calculus I	1		3															None	3
MTH 196	Mathematics for Business		2										12						None	3
SHS 103	Chemistry				4	5	6	7	8	9	10	11	12	13					None	3
SCI 210	Modern Physics			3	4	5	6	7	8	9	10	11							None	3
SCI 220	Engineering Mechanics	1								9	10	11							None	3
Humanities Courses																				
ENT 141	Fundamentals of Innovation and Entrepreneurship 1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	None	2
ENT 142	Fundamentals of Innovation and Entrepreneurship 2	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	ENT 141	1
ENT 241	Entrepreneurship 1	1	2	3	4	5	6	7	8	9	10	11				15	16	17	ENT 142	2
ENT 242	Entrepreneurship 2	1	2	3	4	5	6	7	8	9	10	11				15	16	17	ENT 241	1
GED 103	Head Anatomy Sculpture	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	None	3
GED 106	Smart Decisions: Data Literacy & Visualization	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	None	3
GED 110	Modern Art Appreciation	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	None	3
GED 111	Music Appreciation and Communication	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	None	3
GED 112	Using Positive Psychology at Work	1	2										12						LNG 172	3
GED 150	Foundations for Community Engagement and Social Work																17		None	
GED 190	Emirati Studies	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	None	3
GED 191	Islamic Studies	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	None	3
GED 205	Psychology in Everyday Life	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		LNG 172 or LNG 182	3
GED 255	Critical Thinking and Problem Solving	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17		
GED 272	Fundamentals of Public Speaking	1	2										12						LNG 172 or LNG 182	3
GED 324	Ethical Reasoning in Today’s World	1	2	3	4	5	6	7	8	9	10	11	12	13		15	16	17	LNG 172 or LNG 182	3
GED 330	Introduction to Canadian Studies			3	4	5	6	7	8	9	10	11	12	13		15	16	17		3

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

School of Architecture and Interior Design

A Word from the Dean

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

At the School of Architecture and Interior Design (SAID), Canadian University Dubai, we educate the next generation of designers, innovators, and changemakers who will shape the future of the built environment. Through a unique combination of creativity, technology, sustainability, and entrepreneurship, our programs prepare students to address the complex challenges of rapidly evolving societies.

Studio-based learning lies at the heart of our educational philosophy. From their first year, students engage in collaborative and project-based learning experiences that encourage critical thinking, experimentation, and innovation. Our studios integrate theory, technology, research, and professional practice, enabling students to transform ideas into meaningful architectural, interior, product, service, and digital design solutions.

Our diverse international community creates an enriching learning environment where different cultures, perspectives, and experiences contribute to a global understanding of design. Supported by an internationally recognized faculty with extensive academic and professional experience, students develop the knowledge, technical expertise, and creative confidence required to become leaders in an increasingly interconnected world.

The School offers a comprehensive portfolio of undergraduate and postgraduate programs that address both the established foundations and the emerging frontiers of design.

Our Bachelor of Architecture (BArch) and Bachelor of Science in Interior Design (BScID) provide a rigorous education grounded in design thinking, technical competence, and professional practice.

Our Bachelor of Science in Design and Artificial Intelligence (BScDAI) prepares a new generation of designers capable of integrating artificial intelligence, computational thinking, human-computer interaction, and data-driven methodologies into the design of spaces, products, and services. Rather than treating AI as an external tool, the program positions intelligent technologies as active collaborators throughout the creative process, equipping graduates with future-ready competencies at the intersection of design and digital innovation.

At the postgraduate level, the Master of Science in Design Innovation for the Circular Economy (MScDICE) addresses one of the defining global challenges of our time: the transition towards sustainable and regenerative economies. The program equips professionals with the knowledge and tools to apply circular economy principles, systems thinking, digital technologies, and innovation methodologies to create resilient products, services, and built environments that contribute to climate action and sustainable development.

Together, our programs form a transdisciplinary educational ecosystem where students progressively develop expertise across design, technology, sustainability, entrepreneurship, and research. Throughout their studies, they explore the cultural, social, environmental, ethical, managerial, and economic dimensions of design while gaining valuable professional experience through internships, industry collaborations, international workshops, and real-world projects.

School of Architecture and Interior Design (SAID)

Canadian University Dubai

22.2 Department of Architecture

22.2.1 Bachelor of Architecture

Description:

The Bachelor of Architecture is a five-year program that offers students a comprehensive education in architecture. It combines theoretical knowledge with practical skills and covers various subject areas such as architectural design, computation, history and theory, building technology, sustainability, and urban planning. The program aims to prepare students to create architecture that innovatively addresses contemporary challenges, including the climate crisis, the quest for social innovation in a globalized world, and the impact of new technologies on human lives. Dubai's unique cultural and environmental diversity supports the program to prepare architects for successful careers in various geographical contexts.

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
- Landscape and Urban Design
- Heritage Conservations
- Design Entrepreneurs
- Real Estate Consultancies
- Construction and Project Management
- Government offices (Ministries and Municipalities)
- Facility Management
- Teaching Positions in the Related Discipline

a) Program Learning Outcomes (PLOs)

Upon successful completion of the program the student will be able to:

1. Acquire interdisciplinary knowledge across general education areas, incorporating the breadth and diversity of the Canadian educational approach, as a foundation for architectural competencies within the UAE's cultural and environmental context.
2. Comprehend the complex relationships between Man and the Environment and responding to the specific and the diverse needs of individuals and cultures to achieve sustainable healthy environments.

3. Comprehend global and regional interior design, architectural, and art traditions, drawing on Canadian educational principles to integrate the UAE's historical and contemporary practices with design theories and human behavior.
4. Comprehend the general concepts and strategies related to landscape, urban design, planning, and the broader environment within the UAE's context, focusing on creating sustainable settings that conserve resources, respect local traditions, and respond to the region's climate.
5. Comprehend the basic principles of construction materials and methods, environmental systems and building services, building economics and the general framework of regulations and codes as involved in the creation of architecture.
6. Comprehend the basic principles that govern the professional practice of architecture and the delivery of projects focusing on relationships within the architectural team, allied professions, and the public.
7. Able to think critically and to apply research methods pertaining to the context of Architecture to investigate and evaluate human needs and their architectural and urban settings and to abstract patterns and derive conclusions.
8. Create and refine architectural briefs out of general statements of needs, constraints, and resources.
9. Develop creative, sustainable, and comprehensive designs for complex architectural problems taking into considerations the particularity of users, cultures, constraints, resources and theories with the integration of structural, environmental and building systems considerations and life-safety provisions.
10. Assess and create the detailed elaborations of architectural components, building materials and assemblies focusing on construction, environmental systems and building envelopes and services.
11. Able to creatively use oral, manual and digital techniques to convey facts, arguments and points of reference concerning briefing, analysis and design formulations and their detailed documentation for purposes of review and construction.
12. Conduct research, abstract ideas and derive conclusions towards the synthesis of solutions to complex and particular design problems.
13. Perform professional and managerial tasks in architectural practice, individually and collaboratively, drawing on the Canadian emphasis on teamwork, inclusivity, and multidisciplinary collaboration with allied disciplines, consultants, clients, builders, and the public.
14. Recognize the emerging knowledge, skills and competencies required and to be able to plan and conduct a self-professional development program to comply with professional expectations.

b) Program Learning Outcomes (PLOs) Alignment with QF-Emirates

PLOs	Knowledge	Skills	Aspects of Competence		
			Autonomy & Responsibility	Role in Context	Self-Development
PLO1	✓				
PLO2	✓				
PLO3	✓				
PLO4	✓				
PLO5	✓				

PLOs	Knowledge	Skills	Aspects of Competence		
			Autonomy & Responsibility	Role in Context	Self-Development
PLO6	✓				
PLO7		✓			
PLO8		✓			
PLO9		✓			
PLO10		✓			
PLO11		✓			
PLO12			✓		
PLO13				✓	
PLO14					✓

c) Bachelor of Architecture Program Requirements

Requirements	Compulsory Cr. Hrs.	Elective Cr. Hrs.	Total Cr. Hrs.
University Requirements (GE Courses)	27	06	33
Program Core Requirements (Core Courses)	41	-	41
Program Major Requirements	87	09	96
Total	155	15	170

University Requirements [General Education Courses - 33 Credits]

Course Code	Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (27 Credits)			
LNG 171	English I	None	3
LNG 172	English II	LNG 171	3
LNG 173	Professional Communication Skills	LNG 172	3
GED 190	Emirati Studies	None	3
GED 255	Critical Thinking and Problem Solving	LNG 172	3
MTH 112	Calculus I	None	3
SCI 220	Engineering Mechanics	None	3
ENT 141	Fundamentals of Innovation and Entrepreneurship 1	None	2
ENT 142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
ENT 241	Entrepreneurship 1	ENT 142	2
ENT 242	Entrepreneurship 2	ENT 241	1
Elective Courses (Humanities - 06 Credits): Students are required to Select Two Courses from the following Pool			
GED 103	Head Anatomy Sculpture	None	3
GED 106	Smart Decisions: Data Literacy and Visualization	None	3
GED 110	Modern Art Appreciation	None	3
GED 111	Music Appreciation and Communication	None	3
GED 112	Using Positive Psychology at Work	LNG 172	3
GED 191	Islamic Studies	None	3
GED 196	Communication Skills in Arabic	None	3
GED 205	Psychology in Everyday Life	LNG 172	3
GED 272	Fundamentals of Public Speaking	LNG 172	3
GED 324	Ethical Reasoning for Today's World	LNG 172	3

Program Core Requirements [Core Courses - 41 Credits]

Course Code	Course Title	Prerequisite/Co-requisite	Cr. Hrs.
DES 101	Studio 1 - Introduction to Design	Co-DES 110 & DES 113	4
DES 102	Studio 2 - Design and The Human	DES 101, DES 110, DES 113 Co-DES 120 & DES 123	4
DES 110	Design Theory	Co-DES 101 & DES 113	3
DES 113	Drafting & Modeling	Co-DES 101 & DES 110	3
DES 120	Human Factors	Co-DES 102 & DES 123	3
DES 123	Freehand Drawing & Rendering	Co-DES 102 & DES 120	3
DES 213	History of Architecture and Interior Design 1	LNG 171, DES 110	3
DES 214	Computer-Aided Design	DES 113	3
DES 223	History of Architecture and Interior Design 2	DES 213	3
DES 361	Working Drawings and Detailing	ARC 244/IND 211, ARC 301/IND 301	3
DES 381	Artificial Intelligence for Design Applications	DES 214	3
DES 382	Data Analytics in the Built Environment	MTH 112 or MTH 196, DES 214	3
DES 400	Internship	120 Cr. Hrs. & CGPA ≥ 2	3

Program Major Requirements [96 Credits]

Course Code	Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (87 Credits)			
ARC 201	Studio 3 - Architectural Design & Materiality	DES 102, DES 120	6
ARC 202	Studio 4 - Design and Context	ARC 201	6
ARC 232	Site Planning & Landscape	None	3
ARC 243	Construction and Design Integration 1	DES 102	3
ARC 244	Construction and Design Integration 2	ARC 243	3
ARC 301	Studio 5 - Design and The Environment	DES 223, ARC 202	6
ARC 302	Studio 6 - Home and The City	ARC 301, ARC 311, ARC 312	6
ARC 311	Building Information Modelling	DES 214	3
ARC 312	Structures for Architecture	MTH 112, SCI 220, ARC 244	3
ARC 322	Research & Design Applications	LNG 173, ARC 202	3
ARC 341	Environmental Systems & Design Integration	ARC 202, ARC 232	3
ARC 401	Studio 7 - Urban Design	ARC 302, ARC 322 & Co-ARC 434	6
ARC 402	Studio 8 - Integrated Design 1	ARC 311, ARC 401	6
ARC 434	Planning and Urban Design	ARC 302	3
ARC 435	Vernacular Architecture and Conservation	DES 223	3
ARC 440	Building Code for Architecture	DES 361, ARC 302	3
ARC 450	Professional Practice & Project Management for ARC	ARC 302	3
ARC 501	Studio 9 - Integrated Design 2	ARC 402	6
ARC 502	Studio 10 - Senior Project	DES 400, ARC 435, ARC 510, ARC 511	6
ARC 510	Research and Design Explorations	ARC 322, ARC 440	3
ARC 511	Construction Economics	ARC 322, ARC 440	3
Elective Courses (09 Credits): Students are required to Select Three Courses from the following courses			
IND 341	Furniture Design and Detailing	DES 120, DES 223	3
ARC 410	Urban Studies Seminar	ARC 434	3
DES 410	Architecture of The Islamic World	DES 223	3
DES 430	Graphic Design & Portfolio for ARC and ID	DES 214	3

Course Code	Course Title	Prerequisite	Cr. Hrs.
DES 440	Visualization	DES 214	3
DES 460	Digitization and Robotics in Building Construction	ARC 302 or IND 302	3

Study Plan - Bachelor of Architecture (BARCH)

Sem.	Course Code	Course Title	Prerequisite/Co-requisite	Cr. Hrs.
Semester 1	LNG 171	English I	None	3
	DES 101	Studio 1 - Introduction to Design	Co-DES 110 & DES 113	4
	DES 110	Design Theory	Co-DES 101 & DES 113	3
	DES 113	Drafting & Modelling	Co-DES 101 & DES 110	3
	ENT 141	Fundamentals of Innovation and Entrepreneurship 1	None	2
	MTH 112	Calculus I	Pass Math Placement test or MTH 012	3
	Total			18
Semester 2	LNG 172	English II	LNG 171	3
	DES 102	Studio 2 - Design and The Human	DES 101, DES 110, DES 113 Co-DES 120 & DES 123	4
	DES 120	Human Factors	Co-DES 102 & DES 123	3
	DES 123	Freehand Drawing & Rendering	Co-DES 102 & DES 120	3
	ENT 142	Fundamentals of Innovation, and Entrepreneurship 2	ENT 141	1
	SCI 220	Engineering Mechanics	None	3
	Total			17
Semester 3	ARC 201	Studio 3 – Architectural Design & Materiality	DES 102, DES 120	6
	ARC 243	Construction and Design Integration 1	DES 102	3
	DES 213	History of Architecture and Interior Design 1	LNG 171, DES 110	3
	DES 214	Computer-Aided Design	DES 113	3
	ENT 241	Entrepreneurship 1	ENT 142	2
	Total			17
Semester 4	ARC 202	Studio 4 - Design and Context	ARC 201	6
	ARC 232	Site Planning & Landscape	None	3
	ARC 244	Construction and Design Integration 2	ARC 243	3
	DES 223	History of Architecture and Interior Design 2	DES 213	3
	LNG 173	Professional Communication Skills	LNG 172	3
	ENT 242	Entrepreneurship 2	ENT 241	1
	Total			19
Semester 5	ARC 301	Studio 5 - Design and The Environment	DES 223, ARC 202	6
	ARC 311	Building Information Modelling	DES 214	3
	ARC 312	Structures for Architecture	MTH 112, SCI 220, ARC 244	3
	ARC 341	Environmental Systems & Design Integration	ARC 202, ARC 232	3
	DES 381	Artificial Intelligence for Design Applications	DES 214	3
	Total			18
Semester 6	ARC 302	Studio 6 - Home and The City	ARC 301, ARC 311, ARC 312	6
	ARC 322	Research & Design Applications	LNG 173, ARC 202	3
	DES 361	Working Drawings and Detailing	ARC 244/IND 211, ARC 301/IND 301	3
	DES 382	Data Analytics in the Built Environment	MTH 112/MTH 196, DES 214	3
	XXX XXX	Program Major Elective (1)		3
	Total			18
Semester 7	ARC 401	Studio 7 - Urban Design	ARC 302, ARC 322 & Co-ARC 434	6
	ARC 434	Planning & Urban Design	ARC 302	3
	ARC 435	Vernacular Architecture and Conservation	DES 223	3
	GED 190	Emirati Studies	None	3
	Total			15

Sem.	Course Code	Course Title	Prerequisite/Co-requisite	Cr. Hrs.
Semester 8	ARC 402	Studio 8 - Integrated Design 1	ARC 311, ARC 401	6
	ARC 440	Building Code for Architecture	DES 361, ARC 302	3
	ARC 450	Professional Practice & Project Management for ARC	ARC 302	3
	XXX XXX	Program Major Elective (2)		3
	Total			15
Semester 9	ARC 501	Studio 9 - Integrated Design 2	ARC 402	6
	ARC 510	Research and Design Explorations	ARC 322, ARC 440	3
	ARC 511	Construction Economics	ARC 322, ARC 440	3
	GED XXX	GE Elective (1)		3
	Total			15
Semester 10	ARC 502	Studio 10 - Senior Project	DES 400, ARC 435, ARC 510, ARC 511	6
	GED 255	Critical Thinking and Problem Solving	LNG 172	3
	GED XXX	GE Elective (2)		3
	XXX XXX	Program Major Elective (3)		3
	Total			15
	DES 400	Internship	120 Cr. Hrs. & CGPA ≥ 2	3
Total Credit Hours				170

22.2.2 Master of Science in Design Innovation for Circular Economy

Description:

The Master of Science in Design Innovation for Circular Economy (MScDICE) equips students with the knowledge and skills to lead sustainability transitions through design-driven strategies. Rooted in systems thinking, policy innovation, and circular economy principles, the program empowers graduates to tackle complex environmental and social challenges by developing regenerative solutions across products, services, buildings, and urban systems. Through interdisciplinary coursework and project-based learning, students explore the intersections of design, business, technology, and governance—preparing for impactful careers in sustainability consulting, innovation strategy, policy development, and circular design leadership.

Benefits:

In a world facing urgent environmental and social challenges, there is growing demand for professionals who can lead innovation toward sustainable and circular solutions. The MSc in Design Innovation for Circular Economy prepares students to be at the forefront of this transition, equipping them with the tools to rethink products, services, buildings, urban systems, and policies through the lens of regeneration and circularity. As the UAE shifts its focus toward a knowledge-based, innovation-driven economy—prioritizing sustainable development, green technologies, and circular practices—graduates of this program will be well-positioned to contribute meaningfully across a range of sectors, from design and policymaking to urban development and sustainable business. The program cultivates cross-disciplinary fluency, enabling students to bridge the gap between design, technology, and governance, and become key players in shaping a resilient future.

Career Opportunities:

Graduates of this program will have a wealth of industries to choose from and often go on to become:

- **Lead Designer – Sustainability Specialist in Architecture, Interior, and Design Firms:** Playing a pivotal role in guiding architectural, interior, and multidisciplinary design practices toward regenerative, low-impact, and circular solutions.
- **Circular Economy Consultant:** Advising businesses, governments, and organizations on strategies to implement circular models, reduce waste, and optimize resource flows.
- **Sustainability Innovation Manager:** Leading sustainable product and service innovation within corporations, NGOs, or start-ups.
- **Design Strategist:** Integrating circular principles into product/service design and business development processes.
- **Urban Sustainability Advisor:** Supporting municipalities and urban developers in circular urban planning, infrastructure retrofitting, and climate-responsive design.
- **Policy Analyst / Advisor (Sustainability & Circular Economy):** Working with public institutions or international organizations to shape policy frameworks that support circular and regenerative systems.
- **Environmental Impact Analyst / Lifecycle Analyst:** Specializing in Life Cycle Assessment (LCA), material flow analysis, and metrics for circularity to evaluate environmental impacts.
- **Innovation Lab Coordinator / Research Fellow:** Collaborating with research centers, universities, or think tanks on advancing circular economy knowledge and applications.
- **Sustainable Product Manager:** Overseeing the development and lifecycle of sustainable and circular products, from concept to end-of-life strategies.
- **Corporate Social Responsibility (CSR) Lead:** Driving CSR initiatives focused on circular economy and sustainable innovation.
- **Green Entrepreneurship / Start-up Founder:** Launching and scaling circular economy-driven businesses, especially in fields like fashion, food, packaging, or built environment.
- **Design Researcher / Systems Designer:** Conducting research and creating interventions at the intersection of design, ecology, and economics.
- **Materials Innovation Specialist:** Working with bio-based, recycled, or circular materials in industries like fashion, construction, or packaging.
- **Sustainable Supply Chain Analyst:** Mapping and redesigning supply chains to embed transparency, circularity, and resilience.

Graduates can also pursue advanced studies, such as a PhD in Design Innovation or related fields, to specialize further and enhance career prospects, including academic and high-level research roles.

a) **Program Learning Outcomes (PLOs)**

Upon successful completion of the program the student will be able to:

1. Demonstrate an in-depth understanding of Climate Crisis as a human-led threat to our planet and a design by-product.
2. Discuss Design as a human values-driven activity that significantly impacts our lives and the natural world.
3. Appraise how transitioning from linear consumption patterns to circular ones through the Circular Economy can mitigate the Climate Crisis.

4. Apply circular economy principles and methods to developing diverse design strategies for business and entrepreneurship, upholding the ecosystem's balance and promoting a sustainable, equitable, and resilient future.
5. Implement innovative pathways, processes, methods, and data use to design environments, activities, and products that consider the directives of the Circular Economy and the threads of the Climate Crisis.
6. Apply cutting-edge computational tools and methods to mine, analyze, and manage complex data, to implement Circular Economy principles in designing environments, activities, and products.
7. Integrate critical and speculative design thinking to forge innovative projects rooted in the Circular Economy.
8. Recognize as part of the professional ethos the concern of living in harmony with nature as a condition of humanity's survival and prosperity.
9. Collaborate effectively in multidisciplinary teams to enrich insights and design strategies for the circular economy.

b) Program Learning Outcomes (PLOs) Alignment with QF-Emirates

PLOs	Knowledge	Skills	Aspects of Competence		
			Autonomy & Responsibility	Role in Context	Self-Development
PLO1	✓				
PLO2	✓				
PLO3	✓				
PLO4		✓			
PLO5		✓			
PLO6	✓	✓			
PLO7					✓
PLO8			✓		
PLO9				✓	

c) Master of Science in Design Innovation for Circular Economy Program Requirements

Requirements	Compulsory Cr. Hrs.	Elective Cr. Hrs.	Total Cr. Hrs.
Program Core Courses Requirement	21	06	27
Applied Research Project	06	-	06
Total	27	06	33

Program Core Courses [27 Credits]

Course Code	Course Title	Prerequisite	Cr. Hrs.
Compulsory Core Courses (21 Credit Hours)			
DCE 611	Design-Out Climate	None	3

Course Code	Course Title	Prerequisite	Cr. Hrs.
DCE 612	Principles of Circular Economy	None	3
DCE 613	Design Futures	None	3
DCE 614	Research by Design	None	3
DCE 621	Lifecycle Assessment and Circular Metrics	DCE 611	3
DCE 622	Regenerative Buildings and Cities	DCE 612, DCE 614	3
DCE 623	Sustainable Design Policy and Governance	DCE 612, DCE 613	3
Elective Courses (06 Credits): Students are required to select TWO Courses from the following courses			
DCE 624	Design Industry Revolution	DCE 613	3
DCE 625	Applied Environmental Science	DCE 611	3
DCE 626	Impacts of Climate Change Policy on Environmental Management	DCE 611, DCE 612	3
DCE 627	Technical and Scientific Methodologies in Circular Economy	DCE 612, DCE 614	3
DCE 628	Smart Technologies and AI for Circular Economy	DCE 612, DCE 614	3

Dissertation or Applied Research Project [06 Credits]

Course Code	Course Title	Prerequisite	Cr. Hrs.
DCE 630	Applied Research Project	Completed 24 Cr. Hrs.	6

Study Plan - Master of Science in Design Innovation for Circular Economy Program

Semester	Course Code		Subject Title	Prerequisite	Cr. Hrs.
Semester 1	DCE	611	Design-Out Climate	None	3
	DCE	612	Fundamentals of a Circular Economy	None	3
	DCE	613	Design Futures	None	3
	DCE	614	Research by Design	None	3
	Total Semester Credit Hours				12
Semester 2	DCE	621	Lifecycle Assessment and Circular Metrics	DCE 611	3
	DCE	622	Regenerative Buildings and Cities	DCE 612, DCE 614	3
	DCE	623	Sustainable Design Policy and Governance	DCE 612, DCE 613	3
	DCE	XXX	Elective I		3
	Total Semester Credit Hours				12
Semester 3	DCE	XXX	Elective II		3
	DCE	630	Applied Research Project	Completion of 24 Cr. Hrs.	6
	Total Semester Credit Hours				9
Totals					33

22.3 Department of Interior Design

22.3.1 Bachelor of Science in Interior Design

Description:

The BSc in Interior Design is a four-year program that offers students a comprehensive education in Interior Design, emphasizing creativity and problem-solving, while building professional competencies such as adaptability, rationality, and accountability in design thinking. Through interactive lectures and practical workshops, students are trained to design the interior and exterior aspects of the built environment with a focus on creating unique spaces that offer a positive atmosphere for stakeholders and end-users alike, in a safe and environmentally sustainable way. The objective of this degree is to blend the fundamentals of design and technology with business and entrepreneurship through behavioural, technological, sustainable, and aesthetic exploration. Students learn the theoretical aspects of space and the built environment and apply them practically through internships while they are in their final year. The curriculum supports the professional and multidisciplinary philosophy, with students being encouraged to take advantage of the wide variety of courses offered at CUD to foster and develop their interests and talents.

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 such as :

- Interior Designer
- Spatial Designer and Space Planner
- Furniture Designer
- Set, Exhibition and Theatre Designer
- Production Designer (theatre/TV/Movies)
- Lighting Designer
- 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

a) Program Learning Outcomes (PLOs)

Upon successful completion of the program the student will be able to:

1. Acquire interdisciplinary knowledge across general education areas, incorporating the breadth and diversity of the Canadian educational approach, as a foundation for architectural competencies within the UAE's cultural and environmental context.

2. Comprehend the complex relationships between Man and the Environment and responding to the specific and the diverse needs of individuals and cultures to achieve sustainable healthy interiors.
3. Comprehend global and regional interior design, architectural, and art traditions, drawing on Canadian educational principles to integrate the UAE's historical and contemporary practices with design theories and human behavior.
4. Comprehend the general concepts and strategies related to interior design specific qualities covering sustainability, space planning, furnishing, finishes and equipment, color and lighting and their impact on design concepts and human experience within broader environment and in the UAE's context.
5. Comprehend the general principles of construction, materials, environmental systems, building services, the financial implications of design decisions and the wider framework of regulations, codes and guidelines as involved in the creation of Interior environments and their effect on the health, safety, and welfare of the public.
6. Comprehend the principles that govern the professional practice of Interior Design and the delivery of projects with particular focus on relationships within the design team, allied professions, and the public.
7. Develop design solutions critically addressing interior design problems through a process intertwining in-depth understanding of the context, goals and objectives, and detailing the features that lead to materialization.
8. Create, develop, and translate Interior Design briefs out of general statements of needs, constraints, and resources, while incorporating schematic design to explore and present initial design concepts effectively.
9. Elaborate solutions to complex interior design problems during the design development phase, addressing the specific needs of users, cultural contexts, constraints, available resources, and relevant theoretical frameworks.
10. Assess and create the detailed elaborations of Interior Design components, incorporating contract documents alongside materiality, FF&E, construction details, and environmental systems, to effectively reflect the aesthetic dimensions of interior environments.
11. Able to creatively use oral, manual, and digital techniques to convey facts, arguments and points of reference concerning briefing, analysis and design formulations and their detailed documentation for purposes of review and construction.
12. Conduct research, extract ideas, and derive conclusions towards the synthesis of solutions to complex and particular interior design problems autonomously.
13. Perform professional, managerial, and contract administration tasks in the practice of Interior Design, both individually and collaboratively, drawing on the Canadian emphasis on teamwork, inclusivity, and multidisciplinary collaboration with allied disciplines, consultants, clients, builders, and the public to uphold and maintain the professional standards of the interior design industry.
14. Recognize the emerging knowledge, skills and competencies required and to be able to plan and conduct a self-professional development program to comply with the professional expectations of the interior design industry.

b) Program Learning Outcomes (PLOs) Alignment with QF-Emirates

PLOs	Knowledge	Skills	Aspects of Competence		
			Autonomy & Responsibility	Role in Context	Self-Development
PLO1	✓				
PLO2	✓				
PLO3	✓				
PLO4	✓				
PLO5	✓				
PLO6	✓				
PLO7		✓			
PLO8		✓			
PLO9		✓			
PLO10		✓			
PLO11		✓			
PLO12			✓		
PLO13				✓	
PLO14					✓

c) Bachelor of Science in Interior Design Program Requirements

Requirements	Compulsory Cr. Hrs.	Elective Cr. Hrs.	Total Cr. Hrs.
University Requirements (GE Courses)	24	03	27
Program Core Requirements (Core Courses)	41	-	41
Program Major Requirements	54	06	60
Total	119	09	128

University Requirements [General Education Courses - 27 Credits]

Course Code	Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (24 Credits)			
LNG 171	English I	None	3
LNG 172	English II	LNG 171	3
LNG 173	Professional Communication Skills	LNG 172	3
GED 190	Emirati Studies	None	3
GED 255	Critical Thinking and Problem Solving	LNG 172	3
MTH 196	Mathematics for Business	None	3
ENT 141	Fundamentals of Innovation and Entrepreneurship 1	None	2
ENT 142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
ENT 241	Entrepreneurship 1	ENT 142	2
ENT 242	Entrepreneurship 2	ENT 241	1
Elective Courses (Humanities - 03 Credits): Students are required to Select One Course from the following Pool			
GED 103	Head Anatomy Sculpture	None	3
GED 106	Smart Decisions: Data Literacy and Visualization	None	3
GED 110	Modern Art Appreciation	None	3
GED 111	Music Appreciation and Communication	None	3
GED 112	Using Positive Psychology at Work	LNG 172	3
GED 191	Islamic Culture	None	3
GED 196	Communication Skills in Arabic	None	3
GED 205	Psychology in Everyday Life	LNG 172	3
GED 272	Fundamentals of Public Speaking	LNG 172	3
GED 324	Ethical Reasoning for Today's World	LNG 172	3

Program Core Requirements [Core Courses - 41 Credits]

Course Code	Course Title	Prerequisite/Co-requisite	Cr. Hrs.
DES 101	Studio 1 - Introduction to Design	Co-DES 110 & DES 113	4
DES 102	Studio 2 - Design and The Human	DES 101, DES 110, DES 113 Co-DES 120 & DES 123	4
DES 110	Design Theory	Co-DES 101 & DES 113	3
DES 113	Drafting & Modeling	Co-DES 101 & DES 110	3
DES 120	Human Factors	Co-DES 102 & DES 123	3
DES 123	Freehand Drawing & Rendering	Co-DES 102 & DES 120	3
DES 213	History of Architecture and Interior Design 1	LNG 171, DES 110	3
DES 214	Computer-Aided Design	DES 113	3
DES 223	History of Architecture and Interior Design 2	DES 213	3
DES 361	Working Drawings and Detailing	ARC 244/IND 211, ARC 301/IND 301	3
DES 381	Artificial Intelligence for Design Applications	DES 214	3
DES 382	Data Analytics in the Built Environment	MTH 112 or MTH 196, DES 214	3
DES 400	Internship	120 Cr. Hrs. & CGPA ≥ 2	3

Program Major Requirements [60 Credits]

Course Code	Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (54 Credits)			
IND 201	Studio 3 - Interior Design and Materiality	DES 102, DES 120	6
IND 202	Studio 4 - Residential Design	IND 201	6
IND 211	Materiality and Interior Construction	DES 102, DES 120	3
IND 220	Research & Design Applications	LNG 172, IND 201	3
IND 301	Studio 5 - Institutional/ Corporate Design	DES 223, IND 202	6
IND 302	Studio 6 - Commercial Design	DES 214, IND 301	6
IND 332	Human Comfort and Environmental Systems	IND 202	3
IND 333	Building Codes for Interior Design	Co-requisite IND 301	3
IND 341	Furniture Design & Detailing	DES 120, DES 223	3
IND 366	Professional Practice & Project Management for ID	IND 202	3
IND 401	Studio 7 - Senior Project Dissertations	IND 220, IND 302, IND 332, IND 333	6
IND 402	Studio 8 - Senior Project	DES 361, DES 400, IND 401	6
Elective Courses (06 Credits): Students are required to Select Two Courses from the following courses			
DES 231	Sustainability of Buildings	DES 102	3
DES 410	Architecture of The Islamic World	DES 223	3
DES 430	Graphic Design & Portfolio for ARC and ID	DES 214	3
DES 440	Visualization	DES 214	3
DES 460	Digitization and Robotics in Building Construction	ARC 302 or IND 302	3

Study Plan - Bachelor of Science in Interior Design

Sem.	Course Code		Course Title	Prerequisite/ Corequisite	Cr. Hrs.
Semester 1	LNG	171	English I	None	3
	DES	101	Studio 1 - Introduction to Design	<u>Co-DES 110 & DES 113</u>	4
	DES	110	Design Theory	<u>Co-DES 101 & DES 113</u>	3
	DES	113	Drafting & Modelling	<u>Co-DES 101 & DES 110</u>	3
	ENT	141	Fundamentals of Innovation and Entrepreneurship 1	None	2
	MTH	196	Mathematics for Business	None	3
Total					18
Semester 2	LNG	172	English II	LNG 171	3
	DES	102	Studio 2 - Design and the Human	DES 101, DES 110, DES 113 <u>Co-DES 120 & DES 123</u>	4
	DES	120	Human Factors	<u>Co-DES 102 & DES 123</u>	3
	DES	123	Freehand Drawing & Rendering	<u>Co-DES 102 & DES 120</u>	3
	ENT	142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
	GED	190	Emirati Studies	None	3
Total					17
Semester 3	IND	201	Studio 3 - Interior Design and Materiality	DES 102, DES 120	6
	IND	211	Materiality and Interior Construction	DES 102, DES 120	3
	DES	213	History of Architecture and Interior Design 1	LNG 171, DES 110	3
	DES	214	Computer Aided Design	DES 113	3
	ENT	241	Entrepreneurship 1	ENT 142	2
Total					17
Semester 4	IND	202	Studio 4 - Residential Design	IND 201	6
	IND	220	Research and Design Applications	LNG 172, IND 201	3
	DES	223	History of Architecture and Interior Design 2	DES 213	3
	LNG	173	Professional Communication Skills	LNG 172	3
	ENT	242	Entrepreneurship 2	ENT 241	1
Total					16
Semester 5	IND	301	Studio 5 - Institutional/ Corporate Design	DES 223, IND 202	6
	IND	332	Human Comfort and Environmental Systems	IND 202	3
	IND	333	Building Codes for Interior Design	Co-requisite IND 301	3
	DES	381	Artificial Intelligence for Design Applications	DES 214	3
	XXX	XXX	Major Elective (1)		3
Total					18
Semester 6	IND	302	Studio 6 - Commercial Design	DES 214, IND 301	6
	IND	341	Furniture Design & Detailing	DES 120, DES 223	3
	IND	366	Professional Practice & Project Management for ID	IND 202	3
	DES	361	Working Drawings and Detailing	ARC 242/IND 211, ARC 301/IND 301	3
	DES	382	Data Analytics in the Built Environment	MTH 112 or MTH 196, DES 214	3
Total					18
Semester 7	IND	401	Studio 7 - Senior Project Dissertation	IND 220, IND 302, IND 332, IND 333	6
	GED	255	Critical Thinking and Problem Solving	LNG 172	3
	XXX	XXX	Major Elective (2)		3
Total					12
Semester 8	IND	402	Studio 8 - Senior Project	DES 361, DES 400, IND 401	6
	GED	XXX	GE Elective		3
Total					9
DES 400 Internship (Between Semesters 6 & 7 and After Semester 8)				90 Cr. Hrs. & CGPA ≥ 2.0	3
Total Credit Hours					128

22.3.2 Bachelor of Science in Design and Artificial Intelligence

Description:

The Bachelor of Science in Design and Artificial Intelligence (BScDAI) is an interdisciplinary program that brings together design, artificial intelligence, and digital technologies. The program combines studio-based learning with courses in design, computing, mathematics, and emerging technologies to prepare students for creative and technology-supported design practice across different fields. Innovation and entrepreneurship, sustainability, research and critical thinking, digital fluency, and community engagement are integrated throughout the curriculum and explored through studios, computing courses, entrepreneurship courses, ethics, visualization, and AI applications.

Benefits:

The curriculum encourages students to think systemically, work collaboratively, and apply computational and AI-based approaches within design processes. Through progressive studio experiences and technical coursework, students build skills in visualization, interaction design, prototyping, and data-informed design development. The program also highlights the ethical, social, and environmental responsibilities connected to the use of emerging technologies in design practice. The program promotes hands-on and interdisciplinary learning through studio projects, internships, and capstone experiences that connect design methods with contemporary digital and intelligent technologies.

Career Opportunities:

Graduates of the BScDAI program will be prepared to pursue contemporary design careers across the creative, technological, and built environment industries. Rather than replacing traditional design professions, the program redefines them by equipping graduates with the knowledge and skills to integrate artificial intelligence, computational methods, and data-driven decision-making into every stage of the design process.

Whether designing spaces, products, or services, graduates will be able to work alongside intelligent systems to generate innovative solutions, optimize design performance, enhance user experiences, and create adaptive environments. This unique combination of design thinking and AI competencies positions graduates to lead the next generation of professional practice, where human creativity and computational intelligence increasingly work together. Career opportunities include:

- AI-Enabled Architectural Designer
- AI-Enabled Interior Designer
- AI-Enabled Product Designer
- AI-Enabled Service Designer
- Computational Designer
- UX/UI and Human-Computer Interaction (HCI) Designer
- Digital Experience Designer
- Generative Design Specialist
- Digital Twin Designer
- Smart Environment Designer
- Creative Technologist
- Design Technology Consultant
- AI Innovation Consultant
- Design Researcher
- Design Project Manager

a) Program Learning Outcomes (PLOs)

Upon successful completion of the program the student will be able to:

1. Demonstrate advanced knowledge of design, artificial intelligence, and human-computer interaction to frame and solve complex, real-world problems.
2. Apply advanced and innovative AI techniques and data-driven methods to support, inform, and optimize design processes and decision-making.
3. Develop human-centered, context-aware, and sustainable design solutions across spatial, product, and service domains using computational and algorithmic thinking.
4. Apply programming, computational tools, and digital fabrication techniques to prototype interactive, responsive, and innovative intelligent systems.
5. Critically evaluate and apply AI technologies with ethical, social, cultural, and environmental responsibility in professional and societal contexts.
6. Design adaptive digital-physical environments and systems that respond to user needs through data-driven and real-time interactions.
7. Collaborate effectively in multidisciplinary teams and communicate ideas and outcomes through visual, verbal, and data-driven formats to diverse stakeholders.
8. Develop AI-enabled design solutions for emerging and future contexts through speculative, entrepreneurial thinking, leadership, and lifelong learning.

b) Program Learning Outcomes (PLOs) Alignment with QF-Emirates

PLOs	Knowledge	Skills	Responsibility
PLO1	✓	✓	
PLO2	✓	✓	✓
PLO3	✓	✓	
PLO4		✓	
PLO5	✓	✓	✓
PLO6		✓	
PLO7			✓
PLO8		✓	✓

c) Bachelor of Science in Design and Artificial Intelligence Program Requirements

Requirements	Compulsory Cr. Hrs.	Elective Cr. Hrs.	Total Cr. Hrs.
University Requirements (GE Courses)	18	03	21
Program Core Requirements (Core Courses)	41	-	41
Program Major Requirements	54	12	66
Total	113	15	128

University Requirements [General Education Courses - 21 Credits]

Course Code	Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (18 Credits)			
LNG 171	English I	None	3
LNG 172	English II	LNG 171	3
GED 190	Emirati Studies	None	3
GED 255	Critical Thinking and Problem Solving	LNG 172	3
ENT 141	Fundamentals of Innovation and Entrepreneurship 1	None	2

Course Code	Course Title	Prerequisite	Cr. Hrs.
ENT 142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
ENT 241	Entrepreneurship 1	ENT 142	2
ENT 242	Entrepreneurship 2	ENT 241	1
Elective Courses (Humanities - 03 Credits): Students are required to Select One Course from the following Pool			
GED 103	Head Anatomy Sculpture	None	3
GED 106	Smart Decisions: Data Literacy and Visualization	None	3
GED 110	Modern Art Appreciation	None	3
GED 191	Islamic Culture	None	3
GED 196	Communication Skills in Arabic	None	3
GED 205	Psychology in Everyday Life	LNG 172	3
GED 272	Fundamentals of Public Speaking	LNG 172	3
GED 324	Ethical Reasoning for Today's World	LNG 172	3

Program Core Requirements [Design Courses - 41 Credits]

Course Code	Course Title	Prerequisite/Co-requisite	Cr. Hrs.
Mathematics, Statistics, and Computer Science Courses (18 Credits)			
MTH 112	Calculus 1	None	3
MTH 114	Linear Algebra	MTH 112	3
MTH 120	Discrete Mathematics	None	3
MTH 130	Probability and Statistics	MTH 112	3
SWS 110	Programming 1	None	3
SWS 111	Programming 2	SWS 110	3
Design Courses (23 Credits)			
DES 101	Studio 1- Introduction to Design	<u>DES 110 and DES 113</u>	4
DES 102	Studio 2- Design and the Human	DES 101, DES 110, DES 113, <u>DES 120</u>	4
DES 110	Design Theory	<u>DES 101 and DES 113</u>	3
DES 120	Human Factors	<u>DES 102</u>	3
DES 113	Drafting and Modeling	<u>DES 101 and DES 110</u>	3
DES 214	Computer Aided Design	DES 113	3
DES 381	Artificial Intelligence for Design Applications	DES 214	3

Program Major Requirements [66 Credits]

Course Code	Course Title	Prerequisite	Cr. Hrs.
Artificial Intelligence Courses (15 Credits)			
BAI 201	Introduction to Artificial Intelligence	SWS 110 or BCS 101 and MTH 112	3
BAI 301	Introduction to Machine Learning	BAI 201 and MTH 130	3
BAI 302	Generative AI	BAI 201	3
BAI 304	Deep Neural Networks	BAI 201 and MTH 114	3
BAI 308	Introduction to Natural Language Processing	BAI 301	3
Design and Artificial Intelligence Courses (30 Credits)			
DAI 202	Product Design Studio	DES 102, BAI 201 and DES 214	6
DAI 223	Design History in the Age of Artificial Intelligence	None	3
DAI 301	Service Design Studio	DAI 202	6
DAI 302	Spatial Design Studio	DAI 301	6
DAI 311	Human Computer Interaction and AI	BAI 201 and DES 214	3
DAI 312	Artificial Intelligence and Computer Vision	DES 381 and BAI 301	3
DAI 402	Ethics, Society, and Futures of Artificial Intelligence	BAI 302	3

Course Code		Course Title	Prerequisite	Cr. Hrs.
Practical Experience and Project (9 Credits)				
DAI	401	Capstone Project	DAI 302	6
DAI	400	Internship in Design and Artificial Intelligence	90 Cr. Hrs. & CGPA ≥ 2	3
Elective Courses (12 Credits): Students are required to Select FOUR Courses from the following courses				
BAI	204	AI Project Management	BAI 201	3
DES	231	Sustainability of Buildings	DES 102	3
MCM	250	Digital Imaging	None	3
IDF	309	Sustainable Design	None	3
DAI	321	Designing Immersive Environments	DES 214	3
DES	372	Graphic Design and Portfolio for Architects and Interior Designers	DES 214	3
DES	382	Data Analytics in the Built Environment	MTH 112 and DES 214	3
BCS	401	Ethics for Computing Professionals	None	3
DES	440	Visualization	DES 214	3
RTA	402	Social Media	None	3
DAI	403	Digital Twins, Agents, and Smart Ecosystems	DAI 311 and BAI 301	3
DAI	404	Agentic AI and Multi-Agent Systems for Design	BAI 308	3

Study Plan - Bachelor of Science in Design and Artificial Intelligence

Sem.	Course Code	Course Title	Prerequisite/ Corequisite	Cr. Hrs.
Semester 1	LNG 171	English I	None	3
	DES 101	Studio 1- Introduction to Design	DES 110 and DES 113	4
	DES 110	Design Theory	DES 101 and DES 113	3
	DES 113	Drafting and Modeling	DES 101 and DES 110	3
	ENT 141	Fundamentals of Innovation and Entrepreneurship 1	None	2
	MTH 112	Calculus 1	None	3
Total				18
Semester 2	SWS 110	Programming 1	None	3
	DES 102	Studio 2- Design and the Human	DES 101, DES 110, DES 113, DES 120	4
	DES 120	Human Factors	DES 102	3
	MTH 114	Linear Algebra	MTH 112	3
	MTH 120	Discrete Mathematics	None	3
	ENT 142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
Total				17
Semester 3	DAI 223	Design History in the Age of Artificial Intelligence	None	3
	MTH 130	Probability and Statistics	MTH 112	3
	SWS 111	Programming 2	SWS 110	3
	BAI 201	Introduction to Artificial Intelligence	SWS 110 or BCS 101, MTH 112	3
	DES 214	Computer Aided Design	DES 113	3
	LNG 172	English II	LNG 171	3
Total				18
Semester 4	DAI 202	Product Design Studio	DES 102, BAI 201, DES 214	6
	ENT 241	Entrepreneurship 1	ENT 142	2
	XXX XXX	Program Elective 1		3
	GED 190	Emirati Studies	None	3
	GED 255	Critical Thinking and Problem Solving	LNG 172	3
Total				17
Semester 5	DES 381	Artificial Intelligence for Design Applications	DES 214	3
	DAI 301	Service Design Studio	DAI 202	6
	BAI 301	Introduction to Machine Learning	BAI 201 and MTH 130	3
	DAI 311	Human Computer Interaction and AI	BAI 201 and DES 214	3
	ENT 242	Entrepreneurship 2	ENT 241	1
Total				16
Semester 6	DAI 302	Spatial Design Studio	DAI 301	6
	BAI 302	Generative AI	BAI 201	3
	DAI 312	Artificial Intelligence and Computer Vision	DES 381 and BAI 301	3
	BAI 304	Deep Neural Networks	BAI 201 and MTH 114	3
	BAI 308	Introduction to Natural Language Processing	BAI 301	3
Total				18
Semester 7	XXX XXX	Program Elective 2		3
	XXX XXX	Program Elective 3		3
	DAI 402	Ethics, Society, and Futures of Artificial Intelligence	BAI 302	3
	DAI 401	Capstone Project*	DAI 302	6
Total				15
Semester 8	DAI 401	Capstone Project (Cont'd)		--
	XXX XXX	Program Elective 4		3
	GED XXX	GED Elective		3
Total				6
DAI 400 (Internship) The internship must be completed during the summer after completing 90 credit hours and achieving a CGPA of 2.0 or higher.				3
Total Credit Hours				128

School of Engineering, Applied Science and Technology

A Word from the Dean

Welcome to the School of Engineering, Applied Science and Technology

From the vibrant city of Dubai, the School of Engineering, Applied Science and Technology (SEAST) 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* provides students with world-leading Canadian engineering education in Dubai, in collaboration with its partner institutions in Canada. The department of *Electrical Engineering* offers BSc in Mechatronics Engineering, BSc in Industrial and Engineering Management and BSc in Power and Renewable Energy Engineering. In the department of *Computer Engineering and Computational Science*, we offer Bachelor of Science in Artificial Intelligence, Bachelor of Science in Cloud Computing, Bachelor of Science in Computer Science, Bachelor of Science in Cyber Security, Bachelor of Science in Software Design, Bachelor of Computer Network Engineering Technology, and Master of Science in Artificial Intelligence.

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.

School of Engineering, Applied Science and Technology (SEAST)

Canadian University Dubai

22.4 Department of Computer Engineering and Computational Science

22.4.1 Bachelor of Computer and Networking Engineering Technology

Description:

The Bachelor of Computer and Networking Engineering Technology (CNET) is a 4-year program designed to meet the growing demand for highly skilled Information Technology (IT) professionals. The program provides a unique combination of vital technologies subjects, delivering an innovative balance between theoretical foundations and practical applications that employers value. The program equips students with the knowledge, skills, and competencies to excel as IT professionals in today's dynamic and technology-driven world, emphasizing life-long learning, professional responsibility, and adaptability.

Benefits:

CNET graduates have a 100% employment rate owing to the diverse and comprehensive skills they develop in the computer network, software and hardware technology domain. The program will prepare you for professional certifications such as CCNA, Network+ and MCSA, and provides a direct link to the Cisco Networking Academy program, which is a dynamic educational course that teaches students relevant technology skills. Graduates of the program will be equipped to sit the globally recognized CCNA exam which opens doors to different employment opportunities and increases competitiveness in the global marketplace.

Career Opportunities:

As a graduate of the Bachelor of Computer and Networking Engineering Technology program, you will have the qualification and skills to pursue opportunities in the following areas:

- Network Administration
- Network Security
- System Administration
- Network Analysis
- Internet Network Specialisms
- IT Project Management
- IT Management
- Database Design
- System Analysis
- Cloud Engineer
- IoT Engineer

a) Program Learning Outcomes (PLOs)

Upon successful completion of the program the student will be able to:

1. Apply acquired knowledge, techniques, skills and modern tools of mathematics, science, engineering, and technology to solve broadly-defined engineering problems appropriate to the discipline.
2. Design partial or complete specialized systems or processes considering appropriate tradeoffs, theories, best practices, and social implications.
3. Communicate effectively using written, oral, and graphical communication with all stakeholders, team members, professionals, and the public.
4. Conduct standard tests, measurements, and experiments and analyze and interpret the results to improve processes.

5. Work in an effective and creative way individually and in teams and demonstrate leadership skills.
6. Take responsibility as an IT professional to design, select, apply, deploy and manage IT systems to support the organization in multi-cultural and multi-disciplinary teams.
7. Exhibit an understanding of professional, ethical, legal, security and social issues and responsibilities and engage in continuing professional development.

b) Program Learning Outcomes (PLOs) Alignment with QF-Emirates

PLOs	Knowledge	Skills	Aspects of Competence		
			Autonomy & Responsibility	Role in Context	Self-Development
PLO1	✓				
PLO2		✓			
PLO3		✓			
PLO4		✓			
PLO5			✓		
PLO6				✓	
PLO7					✓

c) Bachelor of Computer and Networking Engineering Technology Program Requirements

Requirements	Compulsory Cr. Hrs.	Elective Cr. Hrs.	Total Cr. Hrs.
University Requirements (GE Courses)	18	06	24
Program Core Requirements (Core Courses)	30	-	30
Program Major Requirements	73	06	79
Total	123	12	133

University Requirements [General Education Courses - 24 Credits]

Course Code	Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (18 Credits)			
LNG 181	English I for Engineering and Computing	None	3
LNG 182	English II for Engineering and Computing	LNG 181	3
GED 190	Emirati Studies	None	3
GED 255	Critical Thinking and Problem Solving	LNG 182 or LNG 172	3
ENT 141	Fundamentals of Innovation and Entrepreneurship 1	None	2
ENT 142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
ENT 241	Entrepreneurship 1	ENT 142	2
ENT 242	Entrepreneurship 2	ENT 241	1
Humanities Elective Courses (06 Credits): Students are required to select TWO Courses from the following Pool			
GED 103	Head Anatomy Sculpture	None	3
GED 106	Smart Decisions: Data Literacy and Visualization	None	3
GED 110	Modern Art Appreciation	None	3
GED 111	Music Appreciation and Communication	None	3
GED 191	Islamic Studies	None	3
GED 196	Communication Skills in Arabic	None	3
GED 205	Psychology in Everyday Life	LNG 172 or LNG 182	3
GED 324	Ethical Reasoning for Today's World	LNG 172 or LNG 182	3
GED 330	Introduction to Canadian Studies	None	3

Program Core Requirements [Core Courses - 30 Credits]

Course Code	Course Title	Prerequisite	Cr. Hrs.
MTH 112	Calculus I	None	3
MTH 130	Probability and Statistics	MTH 112	3
NET 110	Computer Networks Fundamentals	ENG 101 or NET 100	3
SWS 110	Programming I	None	3
SCI 210	Modern Physics	None	3
BUS 310	Project Management	Completion of 60 Credits	3
SWS 111	Programming II	SWS 110	3
MTH 120	Discrete Mathematics	None	3
BCS 306	Database Management Systems	SWS 111 or BCS 201, BCS 202	3
BCS 401	Ethics for Computing Professionals	None	3

Program Major Requirements [79 Credits]

Course Code	Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (73 Credits)			
NET 100	Fundamental of Digital Systems	None	3
NET 105	Microprocessors and Microcontrollers	NET 100	3
NET 111	Operating Systems Fundamentals	ENG 210 or NET 105	3
NET 120	LAN Switching and Routing	NET 100	3
NET 121	Network Operating Systems	NET 111	3
NET 214	Network Programming	NET 120, SWS 111	3
NET 220	Network Security and Administration	NET 120	3
NET 221	Communication Technology	NET 120	3
NET 222	Wireless Networks	NET 221 or COM 412	3
EBU 200	e-Business Fundamentals	None	3
MKT 201	Principles of Marketing	LNG 171 or LNG 181	3
SWS 211	System Analysis and Design	SWS 111	3
SWS 215	Web Development	BCS 306	3
NET 310	Network Management	NET 222	3
NET 320	Advanced LAN Switching and Routing	NET 120	3
SWS 315	Mobile Application Development	SWS 215	3
SWS 351	Management Information Systems	GED 101 or SWS 110	3
NET 480	Internship in Computer and Network Engineering Technology	90 Credits & CGPA $\geq$ 2.0	3
NET 405	Virtualization and Cloud Computing	NET 320	3
SWS 405	Applied Artificial Intelligence	MTH 130, BCS 206, BCS 222 or SWS 111	3
NET 406	Cloud Architecture	NET 405	3
NET 410	Enterprise Network Design	NET 222	3
NET 420	Advanced Network Troubleshooting	NET 222	3
NET 407	CNET Graduation Project-1	Completed 90 Credit Hours	2
NET 408	CNET Graduation Project-2	NET 407	2
Elective Courses (06 Credits): Students are required to Select Two Courses from the following courses			
NET 403	Mobile Security	NET 220	3
SWS 400	Data Warehousing	BCS 306	3
SWS 401	Web Services Integration	NET 405	3
SWS 421	Cryptography and Information Security	NET 220	3

Study Plan - Bachelor of Computer and Networking Engineering Technology

Sem.	Course Code		Course Title	Prerequisite/Corequisite	Cr. Hrs.
Semester 1	LNG	181	English I for Engineering and Computing	None	3
	NET	100	Fundamental of Digital Systems	None	3
	MTH	112	Calculus I	Pass Math Placement Test or MTH 012	3
	EBU	200	e-Business Fundamentals	None	3
	SWS	110	Programming I	None	3
	ENT	141	Fundamentals of Innovation and Entrepreneurship 1	None	2
	Total				17
Semester 2	MTH	120	Discrete Mathematics	None	3
	LNG	182	English II for Engineering and Computing	LNG 181	3
	MKT	201	Principles of Marketing	LNG 171 or LNG 181	3
	NET	110	Computer Networks Fundamentals	ENG 101 or NET 100	3
	SWS	111	Programming II	SWS 110	3
	ENT	142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
	Total				16
Semester 3	SCI	210	Modern Physics	None	3
	MTH	130	Probability and Statistics	MTH 112	3
	NET	120	LAN Switching and Routing	NET 100	3
	BCS	306	Database Management Systems	SWS 111 or BCS 201, BCS 202	3
	NET	105	Microprocessors and Microcontrollers	NET 100	3
	ENT	241	Entrepreneurship 1	ENT 142	2
	Total				17
Semester 4	NET	111	Operating Systems Fundamentals	ENG 210 or NET 105	3
	SWS	211	System Analysis and Design	SWS 111	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 111	3
	ENT	242	Entrepreneurship 2	ENT 241	1
	Total				16
Semester 5	NET	121	Network Operating Systems	NET 111	3
	XXX	XXX	Humanity Elective (1)		3
	NET	220	Network Security and Administration	NET 120	3
	SWS	351	Management Information Systems	GED 101 or SWS 110	3
	NET	221	Communication Technology	NET 120	3
	Total				15
Semester 6	BUS	310	Project Management	Completion of 60 Cr. Hrs.	3
	NET	222	Wireless Networks	NET 221 or COM 412	3
	SWS	405	Applied Artificial Intelligence	MTH 130, BCS 206, BCS 222 or SWS 111	3
	GED	255	Critical Thinking and Problem Solving	LNG 182 or LNG 172	3
	NET	405	Virtualization and Cloud Computing	NET 320	3
	Total				15
Semester 7	BCS	401	Ethics for Computing Professionals	None	3
	SWS	315	Mobile Application Development	SWS 215	3
	XXX	XXX	Major Elective (1)		3
	XXX	XXX	Humanity Elective (2)		3
	NET	407	CNET Graduation Project-1	Completed 90 Cr. Hrs.	2
	NET	410	Enterprise Network Design	NET 222	3
	Total				17
Semester 8	NET	406	Cloud Architecture	NET 405	3
	NET	408	CNET Graduation Project-2	NET 407	2
	NET	310	Network Management	NET 222	3
	NET	420	Advanced Network Troubleshooting	NET 222	3
	XXX	XXX	Major Elective (2)		3
	GED	190	Emirati Studies	None	3
	Total				17
Internship to be taken summer semester after completion of 90 Cr. Hrs. + CGPA 2.0 or more					3
Total Credit Hours					133

22.4.2 Bachelor of Science in Artificial Intelligence

Description:

The Bachelor of Science in Artificial Intelligence (BScAI) program at Canadian University Dubai is designed to address the rising global demand for intelligent technologies that are reshaping industries and everyday life. This innovative program combines computer science, and advanced AI methodologies to equip students with the knowledge and skills needed to excel in today's digital economy. Students will gain a strong foundation through a blend of theoretical learning, practical programming, and hands-on projects. Core areas of focus include machine learning, computer vision, natural language processing, and ethical dimensions of AI. With an emphasis on real-world applications, critical thinking and innovation, the program prepares graduates to become future leaders in a rapidly evolving technological landscape.

Benefits:

- **Specialized Knowledge in AI and Data Science** : Gain deep expertise in areas like machine learning, neural networks, generative AI, and natural language processing, preparing you for leadership roles in technology, business, and research.
- **Hands-On Learning** : Work with real-world datasets, AI tools, and development platforms. Participate in a professional internship to bridge theory and practice in an applied setting.
- **Capstone Projects**: Solve real-world problems through a final-year project that encourages innovation, teamwork, and practical AI solution development.
- **Global Relevance** : The curriculum addresses global trends in AI adoption across sectors like healthcare, finance, transportation, and education—equipping graduates with a competitive edge in the international job market.
- **Ethical and Responsible AI Focus** : Learn how to design intelligent systems that are fair, inclusive, and aligned with social and ethical values.
- **Flexible Electives** : Customize your learning with advanced topics such as speech recognition, sentiment analysis, 3D vision, and multilingual AI to align with your career goals.
- **Faculty-Led Research Opportunities** : Collaborate with experienced faculty on research in areas like AI in healthcare, conversational agents, and reinforcement learning.
- **Entrepreneurial Skills** : Develop innovation and entrepreneurship skills to create your own AI-driven solutions or launch a tech startup in the AI space.

Career Opportunities:

Graduates of the BScAI program will be well-equipped for a variety of roles in both established companies and startups across industries, including:

- **AI Engineer** – Design and deploy intelligent systems using machine learning and automation.
- **Machine Learning Specialist** – Develop predictive models and algorithms across various domains.
- **Data Scientist** – Analyze large datasets to extract insights and support business decision-making.
- **Computer Vision Engineer** – Work on applications involving facial recognition, object tracking, and more.
- **Natural Language Processing (NLP) Specialist** – Build AI systems that understand and generate human language.

- **Conversational AI Developer** – Create smart chatbots and virtual assistants.
- **AI Research Assistant** – Contribute to cutting-edge innovations in academic or industrial AI labs.
- **Tech Entrepreneur** – Launch your own AI-based product, service, or startup.

a) Program Learning Outcomes (PLOs)

Upon successful completion of the program the student will be able to:

1. Demonstrate knowledge of relevant theories and principles of computing-related solutions in specialized domains.
2. Analyze a complex computing problem and apply principles of computing, artificial intelligence and other relevant disciplines to identify solutions.
3. Design, implement, and evaluate artificial intelligence based solution to meet a given set of computing requirements in the context of the program's discipline.
4. Communicate effectively in a variety of professional contexts.
5. Recognize professional responsibilities and make informed judgments in computing and artificial intelligence practice based on legal and ethical principles.
6. Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline.
7. Apply artificial intelligence theory and software development fundamentals to produce computing-based solutions.
8. Assimilate new knowledge and skills into their practice by learning from experiences gained in different contexts of artificial intelligence.

b) Program Learning Outcomes (PLOs) Alignment with QF-Emirates

PLOs	Knowledge	Skills	Aspects of Competence		
			Autonomy & Responsibility	Role in Context	Self-Development
PLO1	✓				
PLO2	✓	✓			
PLO3		✓			
PLO4		✓			
PLO5			✓	✓	✓
PLO6			✓	✓	
PLO7		✓		✓	
PLO8					✓

c) Bachelor of Science in Artificial Intelligence Program Requirements

Program Requirements		Compulsory Cr. Hrs.	Elective Cr. Hrs.	Total Cr. Hrs.
Core Courses	Professional Studies and GE Courses	24	06	30
	Mathematics and Statistics Courses	21	-	21
	Artificial Intelligence Core Courses	62	06	68
Practical Experience and Projects		09	-	09
Total		116	12	128

Professional Practice and General Education Courses [30 Credits]

Course Code	Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (24 Credits)			
LNG 181	English I for Engineering and Computing	None	3
LNG 182	English II for Engineering and Computing	LNG 181	3
GED 190	Emirati Studies	None	3
GED 255	Critical Thinking and Problem Solving	LNG 182	3
ENT 141	Fundamentals of Innovation and Entrepreneurship 1	None	2
ENT 142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
ENT 241	Entrepreneurship 1	ENT 142	2
ENT 242	Entrepreneurship 2	ENT 241	1
BAI 204	AI Project Management	BAI 201	3
BCS 401	Ethics for Computing Professionals	None	3
Science Elective Courses (03 Credits): Students are required to Select ONE Course from the following Courses			
BIO 102	Biology I	None	3
SHS 103	Chemistry	None	3
SCI 210	Modern Physics	None	3
Humanities Elective Courses (03 Credits): Students are required to Select ONE Course from the following Courses			
GED 103	Head Anatomy Sculpture	None	3
GED 106	Smart Decisions: Data Literacy and Visualization	None	3
GED 110	Modern Art Appreciation	None	3
GED 111	Music Appreciation and Communication	None	3
GED 191	Islamic Studies	None	3
GED 196	Communication Skills in Arabic	None	3
GED 205	Psychology in Everyday Life	LNG 182	3
GED 324	Ethical Reasoning for Today's World	LNG 182	3
GED 330	Introduction to Canadian Studies	None	3

Mathematics and Statistics Courses [21 Credits]

Course Code	Course Title	Prerequisite	Cr. Hrs.
MTH 112	Calculus I	None	3
MTH 113	Calculus II	MTH 112	3
MTH 114	Linear Algebra	MTH 112	3
MTH 120	Discrete Mathematics	None	3
MTH 130	Probability and Statistics	MTH 112	3
MTH 203	Discrete Mathematics for Computing Science	BCS 102, MTH 120	3
BCS 311	Scientific Computing	BCS 102, MTH 114	3

Artificial Intelligence Core Courses [68 Credits]

Course Code	Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (62 Credits)			
BAI 101	AI and Modern Life	None	3
BAI 201	Introduction to Artificial Intelligence	BCS 101, MTH 112	3
BAI 202	Data Engineering	BCS 202, MTH 130	3
BAI 301	Introduction to Machine Learning	BAI 201, MTH 130	3
BAI 302	Generative AI	BAI 201	3

Course Code		Course Title	Prerequisite	Cr. Hrs.
BAI	304	Deep Neural Networks	BAI 201, MTH 114	3
BAI	306	Introduction to Computer Vision	ENG 317 or BCS 202, MTH 114, BAI 301	3
BAI	308	Introduction to Natural Language Processing	BCS 242, BAI 301	3
BAI	401	Artificial Intelligence on the Cloud	BCS 303, BCS 332, BAI 301	3
BAI	402	Reinforcement Learning	BAI 301	3
BAI	403	Agentic Artificial Intelligence	BAI 201, BCS 324	3
BAI	404	Conversational AI and Dialogue Systems	BAI 308	3
BCS	101	Elements of Computing	None	3
BCS	102	Introduction to Computing Science I	BCS 101	3
BCS	202	Introduction to Computing Science II	BCS 102	3
BCS	221	Communication Networks	BCS 102	3
BCS	242	Information Structures	BCS 202	3
BCS	303	Security Principles and Practices	BCS 221	4
BCS	324	Algorithms I	BCS 242, BCS 201 or BAI 201	3
BCS	332	Operating Systems Fundamentals	BCS 242	4
Elective Courses (06 Credits): Students are required to Select TWO Courses from the following Courses				
BAI	411	Speech Recognition and Synthesis	BAI 308	3
BAI	412	Sentiment Analysis and Text Mining	BAI 308	3
BAI	413	Multilingual Natural Language Processing	BAI 308	3
BAI	414	Deep Learning for Computer Vision	BAI 306	3
BAI	415	3D Vision and Augmented Reality	BAI 306	3

Practical Experience and Projects [09 Credits]

Course Code		Course Title	Prerequisite	Cr. Hrs.
BAI	480	Internship in Artificial Intelligence	90 Credit Hours & CGPA $\geq$ 2.0	3
BAI	417	AI Graduation Project	Completed 90 Cr. Hrs.	6

Study Plan - Bachelor of Science in Artificial Intelligence

Sem.	Course Code		Course Title	Prerequisite	Cr. Hrs.
Semester 1	LNG	181	English I for Engineering and Computing	None	3
	XXX	XXX	Professional Practice (Humanities Pool) Elective-1	None	3
	MTH	112	Calculus I	None	3
	BAI	101	AI and Modern Life	None	3
	BCS	101	Elements of Computing	None	3
	ENT	141	Fundamentals of Innovation and Entrepreneurship 1	None	2
	Total				17
Semester 2	MTH	120	Discrete Mathematics	None	3
	LNG	182	English II for Engineering and Computing	LNG 181	3
	BCS	102	Introduction to Computing Science I	BCS 101	3
	MTH	113	Calculus II	MTH 112	3
	XXX	XXX	Professional Practice (Science Pool) Elective-2	None	3
	ENT	142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
	Total				16
Semester 3	MTH	114	Linear Algebra	MTH 112	3
	MTH	130	Probability and Statistics	MTH 112	3
	MTH	203	Discrete Mathematics for Computing Science	BCS 102, MTH 120	3
	BAI	201	Introduction to Artificial Intelligence	BCS 101, MTH 112	3
	BCS	202	Introduction to Computing Science II	BCS 102	3
	ENT	241	Entrepreneurship 1	ENT 142	2
	Total				17
Semester 4	BAI	202	Data Engineering	BCS 202, MTH 130	3
	BAI	204	AI Project Management	BAI 201	3
	BCS	242	Information Structures	BCS 202	3
	BCS	221	Communication Networks	BCS 102	3
	GED	255	Critical Thinking and Problem Solving	LNG 182 or LNG 172	3
	ENT	242	Entrepreneurship 2	ENT 241	1
	Total				16
Semester 5	BCS	311	Scientific Computing	BCS 102, MTH 114	3
	BCS	332	Operating Systems Fundamentals	BCS 242	4
	BCS	303	Security Principles and Practices	BCS 221	4
	BAI	301	Introduction to Machine Learning	BAI 201, MTH 130	3
	Total				14
Semester 6	BCS	324	Algorithms I	BCS 242, BCS 201 or BAI 201	3
	BAI	302	Introduction to Generative AI	BAI 201	3
	BAI	304	Introduction to Deep Neural Networks	BAI 201, MTH 114	3
	BAI	306	Introduction to Computer Vision	BCS 202, MTH 114, BAI 301	3
	BAI	308	Introduction to Natural Language Processing	BCS 242, BAI 301	3
	Total				15
Semester 7	BCS	401	Ethics for Computing Professionals	None	3
	BAI	401	Artificial Intelligence on the Cloud	BCS 303, BCS 332, BAI 301	3
	BAI	403	Multi-Agent Systems	BAI 201, BCS 324	3
	BAI	XXX	Elective 1		3
	BAI	417	AI Graduation Project	Completed 90 Cr. Hrs.	6
	Total				18
Semester 8	BAI	417	AI Graduation Project (Continued)		
	GED	190	Emirati Studies	None	3
	BAI	402	Reinforcement Learning	BAI 301	3
	BAI	404	Conversational AI and Dialogue Systems	BAI 308	3
	BAI	XXX	Elective 2		3
	Total				12
Internship to be taken in summer after completion of 90 Cr. Hrs. and CGPA 2.0 or more.					3
Total Credit Hours					128

22.4.3 Bachelor of Science in Cloud Computing

Description:

The Bachelor of Science in Cloud Computing (BScCC) program prepares graduates with the knowledge and practical skills needed to design, implement, manage, and secure modern computing systems, with a focus on cloud computing technologies. The program emphasizes a systematic approach to analyzing computing problems and developing secure, scalable, and efficient solutions.

Students build a strong foundation in core computing areas, including programming, data structures, database systems, computer architecture, operating systems, computer networks, and software engineering. This foundation is supported by mathematics and statistics, which strengthen analytical thinking and problem-solving abilities.

Benefits:

The program develops students' expertise in cloud computing, covering areas such as cloud service and delivery models, cloud architecture, cloud security, cost management, and automation. The curriculum also includes key supporting areas such as artificial intelligence, big data analytics, web and mobile application development, and management information systems, enabling students to work effectively in modern computing environments.

Through laboratory work, team-based assignments, internship training, and a graduation project, students gain hands-on experience using contemporary tools and technologies in cloud-based environments.

Graduates of the program are well prepared to analyze complex computing problems and deliver secure, scalable, and efficient cloud-based solutions that meet industry needs.

Career Opportunities:

Graduates of the Bachelor of Science in Cloud Computing program will have the qualifications and skills to pursue career opportunities such as:

- Cloud Engineers
- DevOps Engineers
- Cloud Systems Administrators
- Cloud Security Specialists
- Cloud Solutions Architects
- IT Infrastructure Engineers
- Site Reliability Engineers (SRE)
- Cloud Support Engineers
- IT Service Management Specialists, as well as entrepreneurial and research-oriented careers in cloud computing, distributed systems, information technology infrastructure, and related computing disciplines.

a) Program Learning Outcomes (PLOs)

Upon successful completion of the program the student will be able to:

1. Analyze a complex computing problem and apply principles of computing and other relevant disciplines to identify solutions.
2. Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.

3. Communicate effectively in a variety of professional contexts.
4. Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.
5. Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline.
6. Use systematic approaches to design, deploy, integrate, and manage secure, scalable cloud-based systems to meet organizational requirements.

b) Program Learning Outcomes (PLOs) Alignment with QF-Emirates

PLOs	Knowledge	Skills	Responsibility
PLO1	✓	✓	
PLO2		✓	
PLO3		✓	✓
PLO4			✓
PLO5			✓
PLO6	✓	✓	

c) Bachelor of Science in Cloud Computing Program Requirements

Requirements	Compulsory Cr. Hrs.	Elective Cr. Hrs.	Total Cr. Hrs.
University Requirements (GE Courses)	18	06	24
Program Core Requirements (Core Courses)	59	-	59
Program Major Requirements	34	06	40
Total	111	12	123

University Requirements [General Education Courses - 24 Credits]

Course Code	Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (18 Credits)			
LNG 181	English I for Engineering and Computing	None	3
LNG 182	English II for Engineering and Computing	LNG 181	3
GED 190	Emirati Studies	None	3
GED 255	Critical Thinking and Problem Solving	LNG 182	3
ENT 141	Fundamentals of Innovation and Entrepreneurship 1	None	2
ENT 142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
ENT 241	Entrepreneurship 1	ENT 142	2
ENT 242	Entrepreneurship 2	ENT 241	1
Science Elective Courses (03 Credits): Students are required to Select ONE Course from the following Courses			
BIO 102	Biology I	None	3
SHS 103	Chemistry	None	3
SCI 210	Modern Physics	None	3
Humanities Elective Courses (03 Credits): Students are required to Select ONE Course from the following Courses			
GED 103	Head Anatomy Sculpture	None	3
GED 106	Smart Decisions: Data Literacy and Visualization	None	3
GED 110	Modern Art Appreciation	None	3
GED 111	Music Appreciation and Communication	None	3
GED 191	Islamic Studies	None	3
GED 196	Communication Skills in Arabic	None	3
GED 205	Psychology in Everyday Life	LNG 182	3
GED 324	Ethical Reasoning for Today's World	LNG 182	3
GED 330	Introduction to Canadian Studies	None	3

Program Core Requirements [Core Courses - 59 Credits]

Course Code			Course Title	Prerequisite	Cr. Hrs.
Mathematics and Statistics					09
MTH	112		Calculus I	None	3
MTH	120		Discrete Mathematics	None	3
MTH	130		Probability and Statistics	MTH 112	3
Information Technology Core					50
SWS	110		Programming I	None	3
SWS	111		Programming II	SWS 110	3
BCS	206		Information Structures	SWS 111	3
BCS	221		Communication Networks	SWS 110	3
BCC	211		Software Engineering	SWS 111	3
ENG	210		Computer Architecture	SWS 110	4
SWS	215		Web Development	BCS 306	3
BCS	301		Operating Systems	ENG 210	4
BCS	306		Database Management Systems	SWS 111	3
BCC	311		Management Information Systems	BCS 206, BCS 306	3
BCC	313		UI/UX Design	BCS 206	3
BCC	321		Big Data Analytics	SWS 111 and MTH 130	3
BUS	310		Project Management	Completed 60 Cr. Hrs.	3
SWS	315		Mobile Application Development	SWS 215	3
BCS	401		Ethics for Computing Professionals	None	3
BCS	407		Artificial Intelligence	SWS 111, MTH 130	3

Program Major Requirements [40 Credits]

Course Code			Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (34 Credits)					
BCS	303		Security Principles and Practices	BCS 221	4
BCC	221		Introduction to Cloud Computing	BCS 301	3
BCC	312		Cloud Services and Delivery Models	BCC 221	3
BCC	322		Cloud Security	BCC 312 and BCS 303	3
BCC	323		Cloud Architecture and DevOps	BCC 312	3
BCC	380		Internship in Cloud Computing	60 Credit Hours and CGPA $\geq$ 2.0	3
BCC	411		Cloud Cost Management and FinOps	BCC 323	3
BCC	421		AIOps and Cloud Automation	BCC 323	3
BCC	422		IoT and Edge Computing	BCC 221	3
BCC	417		Graduation Project in Cloud Computing	Completed 90 Credit Hours	6
Science Elective Courses (06 Credits): Students are required to Select TWO Courses from the following Courses					
BCC	423		Enterprise Cloud Solutions & Certification Practicum	BCC 323	3
BCC	424		Blockchain and Distributed IT	BCC 322	3
BCC	425		IT Service Management	Completed 90 Cr. Hrs.	3
BCC	426		Multi-Cloud and Cloud-Native Systems	BCC 312	3
BCC	427		Cloud SysOps Administration	BCC 323	3

Study Plan - Bachelor of Science in Cloud Computing

Sem.	Course Code		Course Title	Prerequisite	Cr. Hrs.
Semester 1	LNG	181	English I for Engineering and Computing	None	3
	SWS	110	Programming I	None	3
	MTH	112	Calculus I	None	3
	ENT	141	Fundamentals of Innovation and Entrepreneurship 1	None	2
	GED	190	Emirati Studies	None	3
	Total				14
Semester 2	LNG	182	English II for Engineering and Computing	LNG 181	3
	SWS	111	Programming II	SWS 110	3
	MTH	120	Discrete Mathematics	None	3
	ENT	142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
	ENG	210	Computer Architecture	SWS 110	4
	XXX	XXX	Science Elective	None	3
Total				17	
Semester 3	MTH	130	Probability and Statistics	MTH 112	3
	BCC	211	Software Engineering	SWS 111	3
	BCS	301	Operating Systems	ENG 210	4
	ENT	241	Entrepreneurship 1	ENT 142	2
	BCS	306	Database Management Systems	SWS 111	3
	BCS	401	Ethics for Computing Professionals	None	3
Total				18	
Semester 4	BCC	221	Introduction to Cloud Computing	BCS 301	3
	BCS	206	Information Structures	SWS 111	3
	BCS	221	Communication Networks	SWS 110	3
	SWS	215	Web Development	BCS 306	3
	ENT	242	Entrepreneurship 2	ENT 241	1
	Total				13
Semester 5	XXX	XXX	Humanities Elective (1)		3
	BCC	311	Management Information Systems	BCS 206 and BCS 306	3
	BCS	303	Security Principles and Practices	BCS 221	4
	BCC	312	Cloud Services and Delivery Models	BCC 221	3
	BCC	313	UI/UX Design	BCS 206	3
	Total				16
Semester 6	BUS	310	Project Management	Completed 60 Cr. Hrs.	3
	BCC	321	Big Data Analytics	SWS 111 and MTH 130	3
	BCC	322	Cloud Security	BCC 312 and BCS 303	3
	BCC	323	Cloud Architecture and DevOps	BCC 312	3
	GED	255	Critical Thinking and Problem Solving	LNG 182	3
	Total				15
Semester 7	SWS	315	Mobile Application Development	SWS 215	3
	XXX	XXX	Program Elective (1)		3
	BCC	411	Cloud Cost Management and FinOps	BCC 323	3
	BCC	417	Graduation Project in Cloud Computing	Completed 90 Cr. Hrs.	6
	Total				15
Semester 8	BCC	421	AI/ops and Cloud Automation	BCC 323	3
	BCC	422	IoT and Edge Computing	BCC 221	3
	BCS	407	Artificial Intelligence	SWS 111 and MTH 130	3
	XXX	XXX	Program Elective (2)		3
	Total				12
Internship to be taken in summer after completion of 60 Cr. Hrs. and achieving a CGPA of 2.0 or higher.					3
Total Credit Hours					123

22.4.4 Bachelor of Science in Computer Science



The Bachelor of Science in Computer Science program, offered by the School of Engineering, Applied Science and Technology at Canadian University Dubai, is accredited by the Computing Accreditation Commission of ABET, following the 2025–2026 accreditation cycle. The program is accredited through September 30, 2032, with the accreditation action extending retroactively from October 1, 2024.

Description:

The ABET-accredited Bachelor of Science in Computer Science (BScCS) at Canadian University Dubai is designed to provide students with a strong foundation in computer science and computing mathematics. Accredited by the Commission for Academic Accreditation (CAA) and the Computing Accreditation Commission of ABET, the program reflects internationally recognized standards of academic quality, rigor and continuous improvement.

Students develop the fundamental knowledge and technical skills required to pursue careers as theoretical computer scientists, data miners and data scientists—roles that are increasingly in demand across today's technology-driven economy. The program's strong mathematical foundation also gives graduates a valuable advantage when pursuing research-oriented opportunities in high-tech industries.

Benefits:

There is very little in our modern world not touched by the fields of computer science and computing mathematics. From smart phones to social media, healthcare to hospitality, the fingerprint of computer scientists and engineers is everywhere and the need for competent, ambitious innovators in this field is growing rapidly.

Recognizing the need for diversification away from the oil and gas industry, the UAE has chosen to invest heavily in the creation of a knowledge economy based on technological advancement and innovation in the fields of green energy, semi-conductor technology, connectivity, wireless technologies and information security. All of these industries and many more require skilled employees fluent in the language of computing.

Career Opportunities:

Graduates of this program will have a wealth of industries to choose from and often go on to become:

- Software Engineer: front-end, back-end or full-stack
- Product Engineer
- Site Reliability Engineer
- Platform Engineer
- Systems Engineer
- Systems Analyst
- IT Manager
- Database Designer
- Technology Entrepreneur

a) Program Learning Outcomes (PLOs)

Upon successful completion of the program the student will be able to:

1. Demonstrate knowledge of relevant theories and principles of computing-related solutions in specialized domains.
2. Analyze a complex computing problem and to apply principles of computing and other relevant disciplines to identify solutions.
3. Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.
4. Communicate effectively in a variety of professional contexts.
5. Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.
6. Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline.
7. Apply computer science theory and software development fundamentals to produce computing-based solutions.
8. Assimilate new knowledge and skills into their practice by learning from experiences gained in different contexts of Computer Science.

b) Program Learning Outcomes (PLOs) Alignment with QF-Emirates

PLOs	Knowledge	Skills	Aspects of Competence		
			Autonomy & Responsibility	Role in Context	Self-Development
PLO1	✓				
PLO2	✓	✓			
PLO3		✓			
PLO4		✓			
PLO5			✓	✓	✓
PLO6			✓	✓	
PLO7		✓		✓	
PLO8					✓

c) Bachelor of Science in Computer Science Program Requirements

Requirements	Compulsory Cr. Hrs.	Elective Cr. Hrs.	Total Cr. Hrs.
University Requirements (GE Courses)	18	09	27
Program Core Requirements (Core Courses)	66	-	66
Program Major Requirements	28	06	34
Total	112	15	127

University Requirements [General Education Courses - 27 Credits]

Course Code	Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (18 Credits)			
LNG 181	English I for Engineering and Computing	None	3
LNG 182	English II for Engineering and Computing	LNG 181	3
GED 190	Emirati Studies	None	3
GED 255	Critical Thinking and Problem Solving	LNG 182	3
ENT 141	Fundamentals of Innovation and Entrepreneurship 1	None	2
ENT 142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
ENT 241	Entrepreneurship 1	ENT 142	2

Course Code	Course Title	Prerequisite	Cr. Hrs.
ENT 242	Entrepreneurship 2	ENT 241	1
Science Elective Courses (03 Credits): Students are required to Select ONE Course from the following Courses			
BIO 102	Biology I	None	3
SHS 103	Chemistry	None	3
SCI 210	Modern Physics	None	3
Humanities Elective Courses (06 Credits): Students are required to Select TWO Courses from the following Courses			
GED 103	Head Anatomy Sculpture	None	3
GED 106	Smart Decisions: Data Literacy and Visualization	None	3
GED 110	Modern Art Appreciation	None	3
GED 111	Music Appreciation and Communication	None	3
GED 191	Islamic Studies	None	3
GED 196	Communication Skills in Arabic	None	3
GED 205	Psychology in Everyday Life	LNG 182	3
GED 324	Ethical Reasoning for Today's World	LNG 182	3
GED 330	Introduction to Canadian Studies	None	3

Program Core Requirements [Core Courses - 66 Credits]

Course Code	Course Title	Prerequisite	Cr. Hrs.
BCS 101	Elements of Computing	None	3
BCS 102	Introduction to Computing Science I	BCS 101	3
MTH 112	Calculus I	None	3
MTH 113	Calculus II	MTH 112	3
MTH 114	Linear Algebra	MTH 112	3
MTH 120	Discrete Mathematics	None	3
MTH 130	Probability and Statistics	MTH 112	3
MTH 203	Discrete Mathematics for Computing Science	BCS 102, MTH 120	3
BCS 201	Logic for Computing Science	MTH 120	3
BCS 202	Introduction to Computing Science II	BCS 102	3
BCS 221	Communication Networks	BCS 102	3
BCS 242	Information Structures	BCS 202	3
ENG 240	Computer Architecture	BCS 101	4
BCS 303	Security Principles and Practices	BCS 221	4
BCS 312	Operating Systems	ENG 240	4
BCS 313	Artificial Intelligence	BCS 202, MTH 130	3
BCS 322	Database Management Systems	BCS 202	3
BCS 323	System-Level Programming	BCS 102	3
BCS 324	Algorithms I	BCS 242, (BCS 201 or BAI 201)	3
BCS 380	Internship in Computer Science	90 Credit Hours & CGPA ≥ 2.0	3
BCS 401	Ethics for Computing Professionals	None	3

Program Major Requirements [34 Credits]

Course Code	Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (28 Credits)			
BCS 304	Data Mining	BCS 202, MTH 130, MTH 114, MTH 203	3
BCS 314	Programming Paradigms and Techniques	BCS 201, BCS 202	3
BCS 325	Software Architecture	BCS 242	3
BCS 326	Embedded Systems	ENG 240	4
BCS 412	Software Requirements Engineering	BCS 202	3
BCS 413	Advanced Database Systems	BCS 322	3
BCS 417	Computer Science Graduation Project	Completed 90 Credit Hours	6
BCS 420	Virtualization and Cloud Computing	BCS 221	3

Elective Courses (06 Credits): Students are required to Select TWO Courses from the following courses				
ENG	316	Internet of Things and Data Science	ENG 240 or NET 105	3
BCS	404	Web Systems Design and Development	BCS 322	3
BCS	406	Computer Graphics	BCS 242, MTH 114	3
BCS	408	Games Design	BCS 202, BCS 242	3
BCS	424	Algorithms II	BCS 324	3

Study Plan - Bachelor of Science in Computer Science

Sem.	Course Code		Course Title	Prerequisite	Cr. Hrs.
Semester 1	LNG	181	English I for Engineering and Computing	None	3
	BCS	101	Elements of Computing	None	3
	MTH	112	Calculus I	None	3
	ENT	141	Fundamentals of Innovation and Entrepreneurship 1	None	2
	GED	190	Emirati Studies	None	3
	Total				14
Semester 2	LNG	182	English II for Engineering and Computing	LNG 181	3
	BCS	102	Introduction to Computing Science I	BCS 101	3
	MTH	113	Calculus II	MTH 112	3
	MTH	120	Discrete Mathematics	None	3
	ENT	142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
	XXX	XXX	Science Elective	None	3
Total				16	
Semester 3	BCS	221	Communication Networks	BCS 102	3
	MTH	130	Probability and Statistics	MTH 112	3
	MTH	203	Discrete Mathematics for Computing Science	BCS 102, MTH 120	3
	BCS	201	Logic for Computing Science	MTH 120	3
	BCS	202	Introduction to Computing Science II	BCS 102	3
	ENT	241	Entrepreneurship 1	ENT 142	2
Total				17	
Semester 4	ENG	240	Computer Architecture	BCS 101	4
	BCS	242	Information Structures	BCS 202	3
	MTH	114	Linear Algebra	MTH 112	3
	BCS	303	Security Principles and Practices	BCS 221	4
	ENT	242	Entrepreneurship 2	ENT 241	1
	Total				15
Semester 5	BCS	312	Operating Systems	ENG 240	4
	BCS	314	Programming Paradigms and Techniques	BCS 201, BCS 202	3
	BCS	304	Data Mining	BCS 202, MTH 114, MTH 130, MTH 203	3
	BCS	313	Artificial Intelligence	BCS 202, MTH 130	3
	XXX	XXX	Humanities Elective (1)		3
	Total				16
Semester 6	BCS	322	Database Management Systems	BCS 202	3
	BCS	324	Algorithms I	BCS 201, BCS 242	3
	BCS	325	Software Architecture	BCS 242	3
	BCS	326	Embedded Systems	ENG 240	4
	BCS	323	System-Level Programming	BCS 102	3
	Total				16
Semester 7	BCS	413	Advanced Database Systems	BCS 322	3
	BCS	401	Ethics for Computing Professionals	None	3
	BCS	417	Computer Science Graduation Project	Completed 90 Cr. Hrs.	6
	XXX	XXX	Humanities Elective (2)		3
	XXX	XXX	Program Major Elective (1)		3
	Total				18
Semester 8	BCS	417	Computer Science Graduation Project (Cont.)	Completed 90 Cr. Hrs.	--
	BCS	412	Software Requirements Engineering	BCS 202	3
	GED	255	Critical Thinking and Problem Solving	LNG 182	3
	BCS	420	Virtualization and Cloud Computing	BCS 221	3
	XXX	XXX	Program Major Elective (2)		3
	Total				12
Internship to be taken in summer after completion of 90 Cr. Hrs. and CGPA 2.0 or more.					3
Total Credit Hours					127

22.4.5 Bachelor of Science in Cyber Security



The Bachelor of Science in Cyber Security program, offered by the School of Engineering, Applied Science and Technology at Canadian University Dubai, is accredited by the Computing Accreditation Commission of ABET, following the 2025–2026 accreditation cycle. The program is accredited through September 30, 2032, with the accreditation action extending retroactively from October 1, 2024.

Description:

The ABET-accredited Bachelor of Science in Cyber Security (BScCyS) at Canadian University Dubai is a four-year program designed to prepare students for in-demand careers in network, web and application security. Accredited by the Commission for Academic Accreditation (CAA) and Computing Accreditation Commission of ABET, the program meets internationally recognized standards for academic quality, technical education and continuous improvement.

Students gain practical knowledge of network and cyber-attacks, AI-driven security solutions, and the strategies required to detect, defend against and prevent evolving threats. The program also develops a strong understanding of the ethical implications of cyber security.

Benefits:

The Bachelor of Science in Cyber Security program aligns with the UAE Vision by fostering a generation of skilled professionals equipped to protect the nation's digital infrastructure. As the UAE continues to advance its smart government and digital economy initiatives, cyber security expertise becomes crucial in safeguarding sensitive information and ensuring the resilience of critical systems. Graduates of this program will be well-prepared to address the evolving threats in the cyber realm, contributing to the nation's goal of becoming a global leader in innovation, security, and technological excellence. This program not only enhances individual career prospects but also strengthens the UAE's position as a secure and competitive digital hub on the global stage.

Career Opportunities:

Graduates of this program will have a wealth of industries to choose from and often go on to become:

- Cyber Security Analyst
- Information Security Manager
- Penetration Tester (Ethical Hacker)
- Network Security Engineer
- Entrepreneurs
- Security Consultant
- Forensic Computer Analyst
- Security Software Developer
- Compliance and Risk Analyst

a) Program Learning Outcomes (PLOs)

Upon successful completion of the program the student will be able to:

1. Demonstrate knowledge of relevant theories and principles of computing-related solutions in specialized domains.
2. Analyze a complex computing problem and to apply principles of computing and other relevant disciplines to identify solutions.
3. Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.
4. Communicate effectively in a variety of professional contexts.
5. Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.
6. Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline.
7. Apply security principles and practices to maintain operations in the presence of risks and threats.
8. Assimilate new knowledge and skills into their practice by learning from experiences gained in different contexts of Cyber Security.

b) Program Learning Outcomes (PLOs) Alignment with QF-Emirates

PLOs	Knowledge	Skills	Aspects of Competence		
			Autonomy & Responsibility	Role in Context	Self-Development
PLO1	✓				
PLO2	✓	✓			
PLO3		✓			
PLO4		✓			
PLO5			✓	✓	✓
PLO6			✓	✓	
PLO7		✓		✓	
PLO8					✓

c) Bachelor of Science in Cyber Security Program Requirements

Requirements	Compulsory Cr. Hrs.	Elective Cr. Hrs.	Total Cr. Hrs.
University Requirements (GE Courses)	18	09	27
Program Core Requirements (Core Courses)	66	-	66
Program Major Requirements	28	06	34
Total	112	15	127

University Requirements [General Education Courses - 27 Credits]

Course Code	Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (18 Credits)			
LNG 181	English I for Engineering and Computing	None	3
LNG 182	English II for Engineering and Computing	LNG 181	3
GED 190	Emirati Studies	None	3
GED 255	Critical Thinking and Problem Solving	LNG 182	3
ENT 141	Fundamentals of Innovation and Entrepreneurship 1	None	2
ENT 142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
ENT 241	Entrepreneurship 1	ENT 142	2
ENT 242	Entrepreneurship 2	ENT 241	1
Science Elective Courses (03 Credits): Students are required to Select ONE Course from the following Courses			

BIO	102	Biology I	None	3
SHS	103	Chemistry	None	3
SCI	210	Modern Physics	None	3
Humanities Elective Courses (06 Credits): Students are required to Select TWO Courses from the following Courses				
GED	103	Head Anatomy Sculpture	None	3
GED	106	Smart Decisions: Data Literacy and Visualization	None	3
GED	110	Modern Art Appreciation	None	3
GED	111	Music Appreciation and Communication	None	3
GED	191	Islamic Studies	None	3
GED	196	Communication Skills in Arabic	None	3
GED	205	Psychology in Everyday Life	LNG 182	3
GED	324	Ethical Reasoning for Today's World	LNG 182	3
GED	330	Introduction to Canadian Studies	None	3

Program Core Requirements [Core Courses - 66 Credits]

Course Code		Course Title	Prerequisite	Cr. Hrs.
BCS	101	Elements of Computing	None	3
BCS	102	Introduction to Computing Science I	BCS 101	3
MTH	112	Calculus I	None	3
MTH	113	Calculus II	MTH 112	3
MTH	114	Linear Algebra	MTH 112	3
MTH	120	Discrete Mathematics	None	3
MTH	130	Probability and Statistics	MTH 112	3
MTH	203	Discrete Mathematics for Computing Science	BCS 102, MTH 120	3
BCS	201	Logic for Computing Science	MTH 120	3
BCS	202	Introduction to Computing Science II	BCS 102	3
BCS	221	Communication Networks	BCS 102	3
BCS	242	Information Structures	BCS 202	3
ENG	240	Computer Architecture	BCS 101	4
BCS	303	Security Principles and Practices	BCS 221	4
BCS	312	Operating Systems	ENG 240	4
BCS	313	Artificial Intelligence	BCS 202, MTH 130	3
BCS	322	Database Management Systems	BCS 202	3
BCS	323	System-Level Programming	BCS 102	3
BCS	324	Algorithms I	BCS 242, (BCS 201 or BAI 201)	3
BCS	380	Internship in Computer Science	90 Credit Hours & CGPA ≥ 2.0	3
BCS	401	Ethics for Computing Professionals	None	3

Program Major Requirements [34 Credits]

Course Code		Course Title	Prerequisite/ <u>Corequisite</u>	Cr. Hrs.
Compulsory Courses (28 Credits)				
CYS	300	Network and Cloud Security	BCS 221	4
CYS	301	Digital Forensics and Incident Response	BCS 303, BCS 312	3
CYS	307	Engineering Secure Software	BCS 202, BCS 303	3
CYS	315	Cryptographic Algorithms and Protocols	MTH 114, BCS 202	3
CYS	321	Security Threats and Risk Analysis	BCS 303	3
CYS	404	Web Application Security and Testing	BCS 303, BCS 322	3
CYS	417	Cyber Security Graduation Project	Completed 90 Credit Hours	6
CYS	424	Penetration Testing and Ethical Hacking	CYS 300, CYS 404	3
Elective Courses (06 Credits): Students are required to Select TWO Courses from the following courses				
CYS	405	Malicious Software	CYS 307	3

CYS	418	Privacy, Security Compliance and Cyber Governance	BCS 303, CYS 321	3
CYS	419	Cyber Security Automation and Machine Learning	BCS 313, CYS 307	3
CYS	420	Security Operations, Threat Detection and Incident Response	CYS 300, CYS 321	3
CYS	421	Advanced Security Architectures and Protocols	CYS 300, CYS 307	3

Study Plan - Bachelor of Science in Cyber Security

Sem.	Course Code		Course Title	Prerequisite	Cr. Hrs.
Semester 1	LNG	181	English I for Engineering and Computing	None	3
	BCS	101	Elements of Computing	None	3
	MTH	112	Calculus I	None	3
	ENT	141	Fundamentals of Innovation and Entrepreneurship 1	None	2
	GED	190	Emirati Studies	None	3
	Total				14
Semester 2	LNG	182	English II for Engineering and Computing	LNG 181	3
	BCS	102	Introduction to Computing Science I	BCS 101	3
	MTH	113	Calculus II	MTH 112	3
	MTH	120	Discrete Mathematics	None	3
	ENT	142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
	XXX	XXX	Science Elective	None	3
	Total				16
Semester 3	BCS	221	Communication Networks	BCS 102	3
	MTH	130	Probability and Statistics	MTH 112	3
	MTH	203	Discrete Mathematics for Computing Science	BCS 102, MTH 120	3
	BCS	201	Logic for Computing Science	MTH 120	3
	BCS	202	Introduction to Computing Science II	BCS 102	3
	ENT	241	Entrepreneurship 1	ENT 142	2
	Total				17
Semester 4	ENG	240	Computer Architecture	BCS 101	4
	BCS	242	Information Structures	BCS 202	3
	MTH	114	Linear Algebra	MTH 112	3
	BCS	303	Security Principles and Practices	BCS 221	4
	ENT	242	Entrepreneurship 2	ENT 241	1
	Total				15
Semester 5	BCS	312	Operating Systems	ENG 240	4
	CYS	315	Cryptographic Algorithms and Protocols	MTH 114, BCS 202	3
	CYS	307	Engineering Secure Software	BCS 202, BCS 303	3
	BCS	313	Artificial Intelligence	BCS 202, MTH 130	3
	CYS	300	Network and Cloud Security	BCS 221	4
	Total				17
Semester 6	BCS	322	Database Management Systems	BCS 202	3
	BCS	324	Algorithms I	BCS 201, BCS 242	3
	CYS	321	Security Threats and Risk Analysis	BCS 303	3
	CYS	301	Digital Forensics and Incident Response	BCS 303, BCS 312	3
	BCS	323	System-Level Programming	BCS 102	3
	Total				15
Semester 7	CYS	404	Web Application Security and Testing	BCS 303, BCS 322	3
	BCS	401	Ethics for Computing Professionals	None	3
	CYS	417	Cyber Security Graduation Project	Completed 90 Credit Hours	6
	XXX	XXX	Humanities Elective (1)		3
	XXX	XXX	Program Major Elective (1)		3
	Total				18
Semester 8	CYS	417	Cyber Security Graduation Project (Cont.)	Completed 90 Credit Hours	--
	CYS	424	Penetration Testing and Ethical Hacking	CYS 300, CYS 404	3
	GED	255	Critical Thinking and Problem Solving	LNG 182	3
	XXX	XXX	Humanities Elective (2)		3
	XXX	XXX	Program Major Elective (2)		3
	Total				12
Internship to be taken in summer after completion of 90 Cr. Hrs. and CGPA 2.0 or more.					3
Total Credits Hours					127

22.4.6 Bachelor of Science in Software Design

Description:

The Bachelor of Science in Software Design program equips students with the knowledge and skills required to design, develop, and evolve high-quality software systems. Rooted in the discipline of Software Engineering, the program emphasizes the full software development lifecycle—covering requirements analysis, software architecture and design, formal methods, testing, quality assurance, and project management. Alongside these core software engineering practices, students gain proficiency in programming languages, algorithms, databases, operating systems, web and mobile application development, and human–computer interaction (HCI) with a focus on user experience (UX). By integrating theory with hands-on projects and teamwork, the program prepares graduates to engineer scalable, secure, and reliable software solutions that address complex challenges across industries.

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:

- Software Engineers
- Systems Architects
- Software Developers
- Quality Assurance Engineers
- Software Developers of Mobile Applications
- Software Developers of Systems Software
- Usability Engineers
- Software Testers
- UX Designers
- Software Business Analysts
- Computer Programmers
- Web Developers
- Information Security Analysts
- Project Managers
- Computer and Information Systems Managers

a) Program Learning Outcomes (PLOs)

Upon successful completion of the program the student will be able to:

1. Demonstrate knowledge of relevant theories and principles of computing-related solutions in specialized domains.
2. Analyze a complex computing problem and to apply principles of computing and other relevant disciplines to identify solutions.
3. Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.
4. Communicate effectively in a variety of professional contexts.
5. Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.
6. Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline.
7. Apply computer science theory and software development fundamentals to produce computing-based solutions.
8. Assimilate new knowledge and skills into their practice by learning from experiences gained in different contexts of Software Design.

b) Program Learning Outcomes (PLOs) Alignment with QF-Emirates

PLOs	Knowledge	Skills	Aspects of Competence		
			Autonomy & Responsibility	Role in Context	Self-Development
PLO1	✓				
PLO2	✓	✓			
PLO3		✓			
PLO4		✓			
PLO5			✓	✓	✓
PLO6			✓	✓	
PLO7		✓		✓	
PLO8					✓

c) Bachelor of Science in Software Design Program Requirements

Requirements	Compulsory Cr. Hrs.	Elective Cr. Hrs.	Total Cr. Hrs.
University Requirements (GE Courses)	18	09	27
Program Core Requirements (Core Courses)	64	-	64
Program Major Requirements	34	03	37
Total	116	12	128

University Requirements [General Education Courses - 27 Credits]

Course Code	Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (18 Credits)			
LNG 181	English I for Engineering and Computing	None	3
LNG 182	English II for Engineering and Computing	LNG 181	3
GED 190	Emirati Studies	None	3

GED	255	Critical Thinking and Problem Solving	LNG 182 or LNG 172	3
ENT	141	Fundamentals of Innovation and Entrepreneurship 1	None	2
ENT	142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
ENT	241	Entrepreneurship 1	ENT 142	2
ENT	242	Entrepreneurship 2	ENT 241	1
Science Elective Courses (03 Credits): Students are required to Select ONE Course from the following Courses				
BIO	102	Biology I	None	3
SHS	103	Chemistry	None	3
SCI	210	Modern Physics	None	3
Humanities Elective Courses (06 Credits): Students are required to Select TWO Courses from the following Courses				
GED	103	Head Anatomy Sculpture	None	3
GED	106	Smart Decisions: Data Literacy and Visualization	None	3
GED	110	Modern Art Appreciation	None	3
GED	111	Music Appreciation and Communication	None	3
GED	191	Islamic Studies	None	3
GED	196	Communication Skills in Arabic	None	3
GED	205	Psychology in Everyday Life	LNG 182 or LNG 172	3
GED	324	Ethical Reasoning for Today's World	LNG 182 or LNG 172	3
GED	330	Introduction to Canadian Studies	None	3

Program Core Requirements [Core Courses - 64 Credits]

Course Code	Course Title	Prerequisite	Cr. Hrs.
BCS 101	Elements of Computing	None	3
BCS 102	Introduction to Computing Science I	BCS 101	3
MTH 112	Calculus I	None	3
MTH 113	Calculus II	MTH 112	3
MTH 114	Linear Algebra	MTH 112	3
MTH 120	Discrete Mathematics	None	3
MTH 130	Probability and Statistics	MTH 112	3
MTH 203	Discrete Mathematics for Computing Science	BCS 102, MTH 120	3
BCS 201	Logic for Computing Science	MTH 120	3
BCS 202	Introduction to Computing Science II	BCS 102	3
BCS 203	Software Specifications	BCS 201, BCS 202	3
BCS 206	Information Structures	BCS 202, MTH 203	3
BCS 222	Programming Paradigms	BCS 201, BCS 202	3
ENG 210	Computer Architecture	BCS 202, ENG 101	4
BCS 305	Software Architecture	BCS 203, BCS 206	3
BCS 306	Database Management Systems	BCS 201, BCS 202	3
BCS 309	Algorithms I	BCS 201 or BAI 201, BCS 206	3
BCS 311	Scientific Computing	BCS 102, MTH 114	3
BCS 323	System-Level Programming	BCS 102	3
BCS 401	Ethics for Computing Professionals	None	3
BSD 480	Internship in Software Design	90 Credit Hours & CGPA $\geq$ 2.0	3

Program Major Requirements [37 Credits]

Course Code		Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (34 Credits)				
BCS	301	Operating Systems	BCS 206, ENG 210 or BAI 201	4
BSD	310	Game Design	BCS 202, BCS 242	3
BSD	311	Human Computer Interaction	BCS 206	3
BSD	312	Software Quality	BCS 203	3
BSD	313	Advanced User Interface Design	BSD 311	3
BCS	407	Artificial Intelligence	SWS 111 or BCS 206, BCS 222	3
BSD	402	Formal Methods	BCS 305	3
BSD	403	Software Requirements	BCS 305	3
BSD	404	Algorithms II	BCS 203, BCS 324	3
BSD	417	Software Design Graduation Project	Completed 90 Credit Hours	6
Elective Courses (03 Credits): Students are required to select One Courses from the following courses				
SWS	215	Web Development	BCS 306	3
BCS	304	Data Mining	BCS 202, MTH 203, MTH 114, MTH 130	3
BCS	400	Network Operating Systems	BCS 301	3
BCS	402	Computability and Complexity	BCS 203, BCS 309	3
BCS	403	Advanced Database Systems	BCS 206, BCS 306	3
BCS	406	Computer Graphics	BCS 206, MTH 114	3

Study Plan - Bachelor of Science in Software Design

Sem.	Course Code		Course Title	Prerequisite	Cr. Hrs.
Semester 1	LNG	181	English I for Engineering and Computing	None	3
	BCS	101	Elements of Computing	None	3
	MTH	112	Calculus I	Pass Math Placement Test or MTH 012	3
	ENT	141	Fundamentals of Innovation and Entrepreneurship 1	None	2
	GED	190	Emirati Studies	None	3
	Total				14
Semester 2	LNG	182	English II for Engineering and Computing	LNG 181	3
	BCS	102	Introduction to Computing Science I	BCS 101	3
	MTH	113	Calculus II	MTH 112	3
	MTH	120	Discrete Mathematics	None	3
	ENT	142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
	XXX	XXX	Science Elective	None	3
Total				16	
Semester 3	MTH	114	Linear Algebra	MTH 112	3
	MTH	130	Probability and Statistics	MTH 112	3
	MTH	203	Discrete Mathematics for Computing Science	BCS 102, MTH 120	3
	BCS	201	Logic for Computing Science	MTH 120	3
	BCS	202	Introduction to Computing Science II	BCS 102	3
	ENT	241	Entrepreneurship 1	ENT 142	2
Total				17	
Semester 4	ENG	210	Computer Architecture	BCS 202 or ENG 101	4
	BCS	203	Software Specifications	BCS 201, BCS 202	3
	BCS	206	Information Structures	BCS 202, MTH 203	3
	BCS	222	Programming Paradigms	BCS 201, BCS 202	3
	ENT	242	Entrepreneurship 2	ENT 241	1
	Total				14
Semester 5	XXX	XXX	Humanities Elective (1)		3
	BCS	301	Operating Systems	BCS 206, ENG 210 or BAI 201	4
	BCS	311	Scientific Computing	BCS 102, MTH 114	3
	BSD	310	Game Design	BCS 202, BCS 242	3
	BSD	311	Human Computer Interaction	BCS 206	3
	Total				16
Semester 6	BCS	305	Software Architecture	BCS 203, BCS 206	3
	BCS	306	Database Management Systems	BCS 201, BCS 202	3
	BCS	309	Algorithms I	BCS 201 or BAI 201, BCS 206	3
	BCS	323	System-Level Programming	BCS 102	3
	BSD	312	Software Quality	BCS 203	3
	BSD	313	Advanced User Interface Design	BSD 311	3
Total				18	
Semester 7	GED	255	Critical Thinking and Problem Solving	LNG 182 or LNG 172	3
	BCS	401	Ethics for Computing Professionals	None	3
	BSD	402	Formal Methods	BCS 305	3
	BSD	403	Software Requirements	BCS 305	3
	BSD	417	Software Design Graduation Project	Completed 90 Cr. Hrs.	6
	Total				18
Semester 8	BSD	417	Software Design Graduation Project (Cont.)	Completed 90 Cr. Hrs.	--
	XXX	XXX	Humanities Elective (2)		3
	BSD	404	Algorithms II	BCS 203, BCS 324	3
	BCS	407	Artificial Intelligence	SWS 111 or BCS 206, BCS 222	3
	XXX	XXX	Program Major Elective		3
	Total				12
Internship to be taken in summer after completion of 90 Cr. Hrs. and CGPA 2.0 or more.					3
Total Credit Hours					128

22.4.7 Master of Science in Artificial Intelligence

Description:

The Master of Science in Artificial Intelligence (MScAI) program is a cutting-edge academic initiative designed to equip students with the advanced skills and knowledge necessary to thrive in the rapidly evolving field of AI. The curriculum encompasses key areas such as Machine Learning, Deep Learning, Natural Language Processing, Computer Vision, Robotics, Data Science, and Optimization Algorithms, providing a comprehensive understanding of both theoretical concepts and practical applications. Focused on addressing industry needs, the program emphasizes ethical considerations in AI development, ensuring graduates appreciate the societal implications of their work. Through collaborative projects, research, and partnerships with local businesses, students gain invaluable real-world experience and networking opportunities.

Benefits:

The MScAI program positions graduates as leaders in technological innovation within a rapidly evolving market. With the UAE prioritizing advancements in AI, this program provides cutting-edge skills in areas such as machine learning, data analytics, and AI ethics. It equips students to tackle complex challenges, drive digital transformation, and apply their knowledge across industries like healthcare, finance, and infrastructure.

The program emphasizes practical, real-world applications through collaborative projects and a final thesis, offering students valuable connections with industry leaders. Enrolling in the UAE enhances learning by leveraging the nation's strategic investments and visionary AI initiatives, creating a dynamic environment for innovation. Graduates gain a competitive edge in the global job market, ready to lead AI initiatives and contribute to economic diversification and technological progress.

Career Opportunities:

A MScAI opens a diverse range of career opportunities across various sectors. Here are some potential career paths:

- AI System Architect
- Prompt Engineer
- LLM Engineer
- Data Scientist
- AI Engineer
- AI Research Scientist
- AI Product Manager
- Robotics Engineer
- AI User Experience (UX) Designer
- Consultant in AI Strategy
- Business Intelligence Analyst
- AI Ethics Consultant

a) Program Learning Outcomes (PLOs)

Upon successful completion of the program the student will be able to:

1. Demonstrate comprehensive and advanced knowledge of AI concepts and research techniques to analyze complex, real-world interdisciplinary problems for innovative solutions.

2. Design, implement, and critically evaluate collaborative solutions to meet specific requirements in the AI discipline.
3. Demonstrate specialized communication and information technology skills to present, explain, and critique highly complex AI solutions and concepts in diverse professional contexts.
4. Function effectively in different roles within a team to achieve AI initiatives incorporating strategic insight and an entrepreneurial approach.
5. Evaluate the legal, societal, and ethical implications of AI solutions to ensure compliance with regulations and standards for responsible and professional deployment in real-world applications.
6. Engage in continuous learning and professional development to stay current with emerging trends and advancements in AI.

b) Program Learning Outcomes (PLOs) Alignment with QF-Emirates

PLOs	Knowledge	Skills	Aspects of Competence		
			Autonomy & Responsibility	Role in Context	Self-Development
PLO1	✓	✓	✓		
PLO2	✓	✓		✓	
PLO3	✓	✓			
PLO4			✓	✓	
PLO5	✓		✓		✓
PLO6					✓

c) Master of Science in Artificial Intelligence (MScAI) Program Requirements

Requirements	Compulsory Cr. Hrs.	Elective Cr. Hrs.	Total Cr. Hrs.
MScAI Core Requirements	18	09	27
MScAI Thesis Requirement	06	-	06
Total	24	09	33

Program Core Courses [27 Credits]

Course Code	Course Title	Prerequisite	Cr. Hrs.
Compulsory Core Courses (18 Credit Hours)			
MAI 600	Mathematics and Statistics for AI	None	3
MAI 601	Data Mining	None	3
MAI 602	Machine Learning	None	3
MAI 603	Advanced Artificial Intelligence	None	3
MAI 604	Deep Learning	None	3
MAI 605	Research Methods	None	3
Elective Courses (09 Credits): Students are required to select Three courses from the following courses			
MAI 650	Nature-Inspired Computing	MAI 603	3
MAI 651	Speech Recognition	MAI 602	3
MAI 652	Computer Vision	MAI 603	3
MAI 653	Internet of Things	MAI 602	3
MAI 654	AI in Cybersecurity	MAI 602	3
MAI 655	Selected Topic in Artificial Intelligence	MAI 602, MAI 603	3
MAI 656	Nature Language Processing	MAI 602, MAI 603	3

Thesis [06 Credits]

Course Code	Course Title	Prerequisite	Cr. Hrs.
MAI 606	Master's Thesis	Completed 21 Cr. Hrs.	6

Study Plan - Master of Science in Artificial Intelligence (MScAI) – Fall Intake

Semester	Course Code	Course Title	Prerequisite	Cr. Hrs.
Semester 1	MAI 600	Mathematics and Statistics for AI	None	3
	MAI 601	Data Mining	None	3
	MAI 602	Machine Learning	None	3
	MAI 603	Advanced Artificial Intelligence	None	3
	Total			12
Semester 2	MAI 604	Deep Learning	None	3
	MAI 605	Research Methods	None	3
	MAI xxx	Elective 1		3
	MAI xxx	Elective 2		3
	Total			12
Semester 3	MAI xxx	Elective 3		3
	MAI 606	Master's Thesis	Completed 21 Cr. Hrs.	6
	Total			9
Semester 4	MAI 606	Master's Thesis (contd.)	-	-
Total Credit Hours				33

Study Plan - Master of Science in Artificial Intelligence (MScAI) – Spring Intake

Semester	Course Code	Course Title	Prerequisite	Cr. Hrs.
Semester 1	MAI 602	Machine Learning	None	3
	MAI 603	Advanced Artificial Intelligence	None	3
	MAI 604	Deep Learning	None	3
	MAI 605	Research Methods	None	3
	Total			12
Semester 2	MAI 600	Mathematics and Statistics for AI	None	3
	MAI 601	Data Mining	None	3
	MAI xxx	Elective 1		3
	MAI xxx	Elective 2		3
	Total			12
Semester 3	MAI xxx	Elective 3		3
	MAI 606	Master's Thesis	Completed 21 Cr. Hrs.	6
	Total			9
Semester 4	MAI 606	Master's Thesis (contd.)	-	-
Total Credit Hours				33

22.5 Department of Electrical Engineering

22.5.1 Bachelor of Science in Mechatronics Engineering

The Bachelor of Science in Mechatronics Engineering (BScME) prepares students with a solid foundation in mechanical, electrical, and software engineering to design and implement intelligent mechatronic systems. This interdisciplinary program blends advanced knowledge in robotics, artificial intelligence, automation, industrial control, and engineering management, equipping graduates with the skills needed to drive innovation in smart manufacturing, autonomous systems, and Industry 5.0. The program offers two elective focuses:

Robotics AI – Focusing on robotic system design, machine learning, intelligent control, and human-robot interaction for cutting-edge automation solutions.

Industrial Management – Emphasizing smart manufacturing, supply chain optimization, digital transformation, and process automation for operational excellence.

Through rigorous theoretical coursework, hands-on laboratory experiences, and real-world internships, students gain practical skills in robotic system design, industrial automation, control engineering, and AI-driven decision-making. The program emphasizes innovation, problem-solving, and sustainable technology development to address the evolving challenges of modern industries.

Benefits:

- **Specialized Knowledge in Robotics and Automation:** Gain expertise in robotic system design, intelligent automation, AI-driven control, and mechatronic integration to meet the demands of modern industries.
- **Industrial Management Focus:** Develop skills in project management, supply chain optimization, lean manufacturing, and digital transformation to enhance operational efficiency in smart industries.
- **Hands-On Learning:** Work in state-of-the-art labs, engage in real-world projects, and participate in internships to bridge the gap between theory and practice.
- **Capstone Projects:** Solve industry-relevant challenges in your final year through collaborative projects in robotic AI, automation, and industrial optimization.
- **Global Relevance:** The curriculum addresses emerging trends in Industry 4.0, smart factories, and autonomous systems, ensuring graduates are globally competitive.
- **Sustainability and Ethical AI:** Learn to develop energy-efficient mechatronic systems, apply ethical AI principles, and design eco-friendly automation solutions.
- **Flexible Electives:** Explore advanced topics such as human-robot interaction, industrial IoT (IoT), cyber-physical systems, and intelligent manufacturing to align with industry trends.
- **Faculty-Driven Research Opportunities:** Collaborate on cutting-edge research in robotics, AI-driven automation, industrial systems optimization, and smart manufacturing technologies.
- **Entrepreneurial and Innovation Training:** Gain the skills to develop, manage, or launch technology-driven ventures in mechatronics, robotics, and industrial automation.

Career Opportunities:

Graduates of the BSc in Mechatronics Engineering program are well-prepared for diverse roles in automation, robotics, and industrial management, including:

- **Robotics Engineer:** Design, develop, and optimize robotic systems for industrial and autonomous applications.

- **Automation Engineer:** Implement intelligent automation solutions in smart factories, logistics, and industrial processes.
- **AI-Driven Control Engineer:** Develop AI-based control algorithms for autonomous systems and industrial robots.
- **Industrial Management Engineer:** Optimize production systems, supply chains, and process automation for improved efficiency.
- **Mechatronics Systems Designer:** Integrate mechanical, electrical, and software components into intelligent automation solutions.
- **Industrial IoT Specialist:** Develop and deploy smart sensors and connected industrial automation solutions.
- **Human-Robot Interaction Engineer:** Focus on the safety, usability, and ethical implications of robotic systems in human environments.
- **Research & Development Engineer:** Innovate in robotics, AI, industrial automation, and cyber-physical systems.
- **Entrepreneur in Smart Technologies:** Launch startups in robotics, AI automation, or intelligent industrial systems.

a) Program Learning Outcomes (PLOs)

Upon successful completion of the program the student will be able to:

1. Identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.
2. Apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.
3. Communicate effectively with a range of audiences.
4. Recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.
5. Function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.
6. Develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.
7. Acquire and apply new knowledge as needed, using appropriate learning strategies.

b) Program Learning Outcomes (PLOs) Alignment with QF-Emirates

PLOs	Knowledge	Skills	Aspects of Competence		
			Autonomy & Responsibility	Role in Context	Self-Development
PLO1	✓	✓			
PLO2	✓	✓	✓	✓	✓
PLO3		✓			
PLO4		✓	✓	✓	✓
PLO5			✓	✓	
PLO6		✓	✓		✓
PLO7	✓				✓

c) Bachelor of Science in Mechatronics Engineering Program Requirements

Program Requirements		Compulsory Cr. Hrs.	Elective Cr. Hrs.	Total Cr. Hrs.
Core Courses	Professional Studies and GE Courses	24	03	27
	Mathematics and Sciences Courses	30	-	30
	Electromechanical Engineering	46	-	46
	Computer Science and Computation	12	-	12
Practical Experience and Projects		07	-	07
Technical Elective Courses (Students are required to select One of the following two Electives)				
1. Robotics Artificial Intelligence		12	-	12
2. Industrial Management				
	Total	131	03	134

Professional Studies and General Education Courses [27 Credits]

Course Code	Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (24 Credits)			
LNG 181	English I for Engineering and Computing	None	3
LNG 182	English II for Engineering and Computing	LNG 181	3
GED 190	Emirati Studies	None	3
GED 255	Critical Thinking and Problem Solving	LNG 182	3
ENT 141	Fundamentals of Innovation and Entrepreneurship 1	None	2
ENT 142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
ENT 241	Entrepreneurship 1	ENT 142	2
ENT 242	Entrepreneurship 2	ENT 241	1
BUS 311	Engineering Economy	MTH 130	3
ENG 416	Professional and Engineering Ethics	Min 60 Cr. Hrs.	3
Humanities Elective Courses (03 Credits): Students are required to Select ONE Course from the following Courses			
GED 103	Head Anatomy Sculpture	None	3
GED 106	Smart Decisions: Data Literacy and Visualization	None	3
GED 110	Modern Art Appreciation	None	3
GED 111	Music Appreciation and Communication	None	3
GED 191	Islamic Studies	None	3
GED 196	Communication Skills in Arabic	None	3
GED 205	Psychology in Everyday Life	LNG 182	3
GED 324	Ethical Reasoning for Today's World	LNG 182	3
GED 330	Introduction to Canadian Studies	None	3

Mathematics and Science Courses [30 Credits]

Course Code	Course Title	Prerequisite	Cr. Hrs.
MTH 112	Calculus I	None	3
MTH 113	Calculus II	MTH 112	3
MTH 114	Linear Algebra	MTH 112	3
MTH 120	Discrete Mathematics	None	3
MTH 130	Probability and Statistics	MTH 112	3
MTH 212	Calculus III	MTH 113	3
MTH 220	Ordinary Differential Equations	MTH 212	3
SHS 103	Chemistry	None	3
SCI 210	Modern Physics	None	3
SCI 220	Engineering Mechanics	None	3

Electromechanical Engineering Courses [46 Credits]

Course Code	Course Title	Prerequisite	Cr. Hrs.
ENG 102	Digital Logic	None	3
ENG 122	Engineering Graphics and Design	None	1
NET 105	Microprocessors and Microcontrollers	ENG 102 or NET 100	3
ENG 213	Electric Circuit I	SCI 210	3
ENG 225	Electronics I	ENG 213	3
ENG 315	Control Systems	MTH 220	3
ENG 317	Digital Signal Processing	MTH 212	3
ENG 323	Electric Machines	ENG 213	3
MEC 305	Mechanical Vibrations	MTH 220	3
MEC 307	Mechanical Engineering Design	ENG 122	3
MEC 309	Electro-Pneumatic & Hydraulic Control Circuits	PRE 252	3
MEC 323	Industrial Automation	Co-requisite MEC 324	3
MEC 324	Mechatronics Systems Design	MTH 220	3
MEC 414	Programmable Logic Controllers	ENG 315	3
MEC 415	Computer Integrated Manufacturing (CIM)	MEC 323	3
PRE 252	Thermo Dynamics and Fluid Mechanics	SCI 210	3

Computer Science and Computation Courses [12 Credits]

Course Code	Course Title	Prerequisite	Cr. Hrs.
SWS 110	Programming I	None	3
SWS 111	Programming II	SWS 110	3
ENG 316	Internet of Things and Data Science	ENG 240 or NET 105	3
BCS 407	Artificial Intelligence	SWS 111 or BCS 206, BCS 222	3

Technical Elective Courses [12 Credits]

Course Code	Course Title	Prerequisite	Cr. Hrs.
Suggested Elective Options (Students are required to select One of the following two options)			
1. Robotics Artificial Intelligence			
BAI 306	Introduction to Computer Vision	ENG 317 or BCS 202, MTH 114, BAI 301	3
RAI 401	Robotics	MTH 114, MEC 324	3
RAI 403	Machine Learning for Robotics	MTH 120, RAI 401	3
RAI 404	Vehicle Automation Systems	RAI 401	3
2. Industrial Management			
IDM 401	Smart Manufacturing Systems	ENG 316	3
IDM 402	Smart Supply Chain Management	ENG 316	3
IDM 403	Production Planning and Control	MEC 415	3
IDM 404	Industrial Safety and Risk Management	MEC 323	3

Practical Experience and Projects [07 Credits]

Course Code	Course Title	Prerequisite	Cr. Hrs.
MEC 480	Internship in Mechatronics Engineering	90 Credit Hours & CGPA $\geq$ 2.0	3
MEC 407	Graduation Project 1	Completed 90 Cr. Hrs.	2
MEC 408	Graduation Project 2	MEC 407	2

Study Plan - Bachelor of Science in Mechatronics Engineering

Sem.	Course Code	Course Title	Prerequisite / Co-requisite	Cr. Hrs.
Semester 1	LNG 181	English I for Engineering & Computing	None	3-0-3
	ENG 102	Digital Logic	None	2-2-3
	MTH 112	Calculus I	None	3-0-3
	SHS 103	Chemistry	None	2-2-3
	SWS 110	Programming I	None	2-2-3
	ENT 141	Fundamentals of Innovation and Entrepreneurship 1	None	2-0-2
	Total			17
Semester 2	LNG 182	English II for Engineering & Computing	LNG 181	3-0-3
	ENT 142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	0-2-1
	MTH 113	Calculus II	MTH 112	3-0-3
	MTH 120	Discrete Mathematics	None	3-0-3
	ENG 122	Engineering Graphics and Design	None	0-2-1
	SWS 111	Programming II	SWS 110	2-2-3
	SCI 210	Modern Physics	None	2-2-3
Total			17	
Semester 3	MTH 130	Probability and Statistics	MTH 112	3-0-3
	MTH 212	Calculus III	MTH 113	3-0-3
	NET 105	Microprocessors and Microcontrollers	ENG 102 or NET 100	2-2-3
	ENG 213	Electric Circuit I	SCI 210	2-2-3
	ENT 241	Entrepreneurship 1	ENT 142	2-0-2
	SCI 220	Engineering Mechanics	None	3-0-3
	Total			17
Semester 4	MTH 114	Linear Algebra	MTH 112	3-0-3
	MTH 220	Ordinary Differential Equations	MTH 212	3-0-3
	ENG 225	Electronics I	ENG 213	2-2-3
	ENT 242	Entrepreneurship 2	ENT 241	0-2-1
	PRE 252	Thermo Dynamics and Fluid Mechanics	SCI 210	3-0-3
	GED 255	Critical Thinking and Problem-Solving	LNG 182 or LNG 172	3-0-3
	Total			16
Semester 5	GED XXX	Humanity Elective	None	3-0-3
	GED 190	Emirati Studies	None	3-0-3
	MEC 305	Mechanical Vibrations	MTH 220	2-2-3
	ENG 315	Control Systems	MTH 220	3-0-3
	ENG 316	Internet of Things and Data Science	ENG 240 or NET 105	2-2-3
	ENG 317	Digital Signal Processing	MTH 212	3-0-3
	Total			18
Semester 6	BUS 311	Engineering Economy	MTH 130	3-0-3
	ENG 323	Electric Machines	ENG 213	2-2-3
	MEC 307	Mechanical Engineering Design	ENG 122	3-0-3
	MEC 309	Electro-Pneumatic & Hydraulic Control Circuits	PRE 252	2-2-3
	MEC 323	Industrial Automation	Co-requisite MEC 324	3-0-3
	MEC 324	Mechatronics Systems Design	MTH 220	2-2-3
	Total			18
Semester 7	MEC 407	Graduation Project 1	Completed 90 Cr. Hrs.	0-4-2
	ENG 416	Professional and Engineering Ethics	Min 60 Cr. Hrs.	3-0-3
	MEC 414	Programmable Logic Controllers	ENG 315	2-2-3
	MEC 415	Computer Integrated Manufacturing (CIM)	MEC 323	2-2-3
	XXX XXX	Technical Elective 1		3
	XXX XXX	Technical Elective 2		3
	Total			17
Semester 8	BCS 407	Artificial Intelligence	SWS 111 or BCS 206, BCS 222	3-0-3
	MEC 408	Graduation Project 2	MEC 407	0-4-2
	XXX XXX	Technical Elective 3		3
	XXX XXX	Technical Elective 4		3
	Total			11
	Internship to be taken after completion of 90 Cr. Hrs. and CGPA 2.0 or more.			3
Total Program Credits				134

22.5.2 Bachelor of Science in Electrical Engineering

Bachelor of Science in Electrical Engineering Program Requirements

Requirements	Compulsory Cr. Hrs.	Elective Cr. Hrs.	Total Cr. Hrs.
University Requirements (GE Courses)	21	03	24
Program Core Requirements (Core Courses)	72	-	72
Concentration Requirements	36	06	42
Total	129	09	138

University Requirements [General Education Courses - 24 Credits]

Course Code	Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (21 Credits)			
LNG 181	English I for Engineering and Computing	None	3
LNG 182	English II for Engineering and Computing	LNG 181	3
GED 198	Islamic Culture	None	3
GED 199	UAE Society	None	3
ENT 141	Fundamentals of Innovation and Entrepreneurship 1	None	2
ENT 142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
SHS 103	Chemistry	None	3
ENG 410	Professional and Ethical Practice	None	3
Elective Courses (Humanities - 03 Credits): Students are required to select One Course from the following Pool			
GED 110	Modern Art Appreciation	None	3
GED 196	Communication Skills in Arabic	None	3
GED 205	Psychology in Everyday Life	LNG 172 or LNG 182	3
GED 252	Critical Thinking	LNG 172 or LNG 182	3
GED 272	Fundamentals of Public Speaking	LNG 172 or LNG 182	3
GED 298	Special Topics in Western Culture	GED 198, LNG 172 or LNG 182	3
GED 324	Ethical Reasoning for Today's World	LNG 172 or LNG 182	3

Program Core Requirements [Core Courses - 72 Credits]

Course Code	Course Title	Prerequisite / Corequisite	Cr. Hrs.
ENG 101	Digital Logic	None	4
NET 110	Computer Networks Fundamentals	ENG 101	3
SWS 110	Programming I	None	3
MTH 112	Calculus I	None	3
MTH 113	Calculus II	MTH 112	3
MTH 130	Probability and Statistics	MTH 112	3
MTH 212	Calculus III	MTH 113	3
MTH 220	Ordinary Differential Equations	MTH 212	3
ENG 210	Computer Architecture	ENG 101	4
ENG 221	Electric Circuit I	SCI 210	4
ENG 222	Engineering Electromagnetics	MTH 212, SCI 210	3
ENG 223	Electric Circuit II	ENG 221	3
ENT 241	Entrepreneurship 1	ENT 142	2
ENT 242	Entrepreneurship 2	ENT 241	1
SCI 210	Modern Physics	SCI 220 & MTH 113	3
SCI 220	Engineering Mechanics	MTH 112	3
BUS 310	Project Management	Completion of 60 Credit Hours	3

Course Code	Course Title	Prerequisite / Corequisite	Cr. Hrs.
BUS 311	Engineering Economy	MTH 130	3
ENG 301	Electronics II	ENG 310	3
ENG 310	Electronics I	ENG 221	3
ENG 314	Electric Machines	ENG 223	3
ENG 315	Control Systems	MTH 220	3
SWS 316	Programming II	SWS 110	3
COM 411	Digital Filter Design	MTH 220	3

Mechatronics Concentration Requirements [42 Credits]

Course Code	Course Title	Prerequisite / Corequisite	Cr. Hrs.
Compulsory Courses (36 Credits)			
MEC 305	Mechanical Vibrations	MTH 220, COM 311	3
MEC 306	Electro-Pneumatic and Hydraulic Control Circuits	SCI 210	3
MEC 310	Mechatronics Engineering	ENG 301, <u>ELC 323</u>	3
ENG 320	Internship	90 Credit Hours & CGPA ≥ 2.0	2
ELC 323	Instrumentation and Measurements	ENG 223	3
ENG 400	Graduation Project-1	Completed 100 Credit Hours	2
ENG 401	Graduation Project-2	ENG 400	2
MEC 411	Intelligent Systems	MTH 130, SWS 316	3
MEC 412	Sensors and Actuators	ELC 323	3
MEC 413	Industrial Automation	MEC 310	3
MEC 421	Robotics	MEC 310, MEC 411, MEC 412	3
MEC 422	Mechatronics Systems Design	MEC 310, MEC 412	3
MEC 427	Computer Integrated Manufacturing (CIM)	MEC 413	3
Elective Courses (06 Credits): Students are required to select Two Courses from the following courses			
ELC 320	Power Electronics	ENG 301	3
ELC 330	Microcontrollers and Embedded Systems	ENG 210	3
ELC 412	Digital System Design	ENG 210	3
MEC 425	Production Management for Engineers	BUS 310, MEC 411	3
MEC 426	Fluid Mechanics	MEC 412	3

Study Plan - Bachelor of Science in Electrical Engineering - Mechatronics

Sem.	Course Code	Course Title	Prerequisite/ Corequisite	Cr. Hr.
Semester 1	LNG 181	English I for Engineering and Computing	None	3
	ENG 101	Digital Logic	None	4
	MTH 112	Calculus I	None	3
	SHS 103	Chemistry	None	3
	SWS 110	Programming I	None	3
	ENT 141	Fundamentals of Innovation and Entrepreneurship 1	None	2
	Total			18
Semester 2	LNG 182	English II for Engineering and Computing	LNG 181	3
	SCI 220	Engineering Mechanics	MTH 112	3
	MTH 113	Calculus II	MTH 112	3
	NET 110	Computer Networks Fundamentals	ENG 101	3
	SWS 316	Programming II	SWS 110	3
	ENT 142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
	Total			16
Semester 3	MTH 212	Calculus III	MTH 113	3
	MTH 130	Probability and Statistics	MTH 112	3
	SCI 210	Modern Physics	SCI 220 & MTH 113	3
	ENG 221	Electric Circuit	SCI 210	4
	ENT 241	Entrepreneurship 1	ENT 142	2
	Total			15
Semester 4	MTH 220	Ordinary Differential Equations	MTH 212	3
	ENG 310	Electronics I	ENG 221	3
	ENG 222	Engineering Electromagnetics	MTH 212, SCI 210	3
	ENG 223	Electric Circuit II	ENG 221	3
	ENG 210	Computer Architecture	ENG 101	4
	ENT 242	Entrepreneurship 2	ENT 241	1
	Total			17
Semester 5	ENG 301	Electronics II	ENG 310	3
	GED 198	Islamic Culture	None	3
	MEC 305	Mechanical Vibrations	MTH 220	3
	MEC 306	Electro-pneumatic and Hydraulic Control Circuits	SCI 210	3
	BUS 311	Engineering Economy	MTH 130	3
	XXX XXX	Humanity Elective		3
	Total			18
Semester 6	BUS 310	Project Management	Completion of 60 Credit Hours	3
	ENG 314	Electric Machines	ENG 223	3
	ENG 315	Control Systems	MTH 220	3
	MEC 310	Mechatronics Engineering	ENG 301 & ELC 323	3
	ELC 323	Instrumentation and Measurements	ENG 223	3
	COM 411	Digital Filter Design	MTH 220	3
	Total			18
Semester 7	ENG 410	Professional and Ethical Practice	None	3
	MEC 412	Sensors and Actuators	ELC 323	3
	MEC 411	Intelligent Systems	MTH 130, SWS 316	3
	XXX XXX	Concentration Elective (1)		3
	ENG 400	Graduation Project-1	Completed 100 Credit Hours	2
	MEC 413	Industrial Automation	MEC 310	3
	Total			18
Semester 8	MEC 422	Mechatronics Systems Design	MEC 310, MEC 412	3
	ENG 401	Graduation Project-2	ENG 400	2
	MEC 427	Computer Integrated Manufacturing (CIM)	MEC 413	3
	MEC 421	Robotics	MEC 310, MEC 411, MEC 412	4
	XXX XXX	Concentration Elective (2)		3
	GED 199	UAE Society	None	3
	Total			17
Internship to be taken summer semester after completion of 90 Cr. Hr. + CGPA 2.0 or more				2
Total Credit Hours				138

22.5.3 Bachelor of Science in Power and Renewable Energy Engineering

Description:

The Bachelor of Science in Power and Renewable Energy Engineering (BScPREE) program is designed to meet the growing global demand for sustainable and energy efficient solutions. This interdisciplinary program integrates principles of electrical engineering, thermodynamics, and renewable energy systems to prepare students for roles in the energy sector. Through a combination of theoretical coursework, hands-on laboratory experience, and real-world internships, students develop expertise in power generation, energy storage, and smart grid technology. The program emphasizes innovative problem-solving and sustainable design to address the energy challenges of the future.

Benefits:

Specialized Knowledge in Renewable Energy: Gain in-depth knowledge of solar energy, wind energy, smart grids, and energy storage systems, preparing you for leadership roles in sustainable energy.

Hands-On Learning: Access state-of-the-art labs, work on real-world projects, and complete a professional internship to bridge the gap between theory and practice.

Capstone Projects: Tackle industry-relevant challenges in your final year through collaborative and innovative graduation projects.

Global Relevance: The curriculum addresses international energy trends, ensuring graduates are competitive in a global market.

Sustainability Focus: Equip yourself with skills to design and implement energy systems that meet environmental, economic, and societal needs.

Flexible Electives: Explore advanced topics like IoT in energy systems, digital control, and electromagnetic compatibility to align with emerging industry trends.

Faculty-Driven Research Opportunities: Collaborate with experienced faculty on cutting-edge research in energy efficiency, renewable technologies, and power systems.

Entrepreneurial Training: Develop innovation and entrepreneurship skills to contribute to or launch ventures in the renewable energy sector.

Career Opportunities:

Graduates of the BScPREE program are well-prepared for a variety of roles in both traditional and renewable energy sectors, including:

Renewable Energy Engineer: Design and optimize systems for solar, wind, and other renewable energy sources.

Power Systems Engineer: Manage and maintain power generation, transmission, and distribution networks.

Smart Grid Specialist: Develop and implement intelligent grid solutions to optimize energy usage.

Energy Storage Engineer: Innovate in battery technology and other energy storage systems.

Sustainability Consultant: Advise organizations on sustainable energy solutions and practices.

IoT Energy Systems Specialist: Design IoT-enabled devices for monitoring and optimizing energy systems.

Research and Development Engineer: Contribute to advancements in renewable energy technologies.

Entrepreneur in Renewable Technologies: Establish startups focused on innovative energy solutions.

a) Program Learning Outcomes (PLOs)

Upon successful completion of the BScPREE program, the graduate will be able to:

1. Identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics
2. Apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors
3. Communicate effectively with a range of audiences
4. Recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts
5. Function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives
6. Develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions
7. Acquire and apply new knowledge as needed, using appropriate learning strategies.

b) Program Learning Outcomes (PLOs) Alignment with QF-Emirates

PLOs	Knowledge	Skills	Aspects of Competence		
			Autonomy & Responsibility	Role in Context	Self-Development
PLO1	✓	✓			
PLO2	✓	✓	✓	✓	✓
PLO3		✓			
PLO4		✓	✓	✓	✓
PLO5			✓	✓	
PLO6		✓	✓		✓
PLO7	✓				✓

c) BSc in Power and Renewable Energy Engineering Program Requirements

Requirements	Compulsory Cr. Hrs.	Elective Cr. Hrs.	Total Cr. Hrs.
University Requirements (GE Courses)	18	03	21
Program Core Requirements (Core Courses)	79	-	79
Program Major Requirements	37	03	40
Total	134	06	140

University Requirements [General Education Courses - 21 Credits]

Course Code	Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (18 Credits)			
LNG 181	English I for Engineering and Computing	None	3-0-3
LNG 182	English II for Engineering and Computing	LNG 181	3-0-3
GED 190	Emirati Studies	None	3-0-3
GED 255	Critical Thinking and Problem Solving	LNG 172 or LNG 182	3-0-3
ENT 141	Fundamentals of Innovation and Entrepreneurship 1	None	2-0-2
ENT 142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	0-2-1
ENT 241	Entrepreneurship 1	ENT 142	2-0-2
ENT 242	Entrepreneurship 2	ENT 241	0-2-1
Elective Courses (Humanities - 03 Credits): Students are required to select One Course from the following Pool			
GED 103	Head Anatomy Sculpture	None	2-2-3
GED 106	Smart Decisions: Data Literacy and Visualization	None	2-2-3
GED 110	Modern Art Appreciation	None	2-2-3
GED 111	Music Appreciation and Communication	None	3-0-3
GED 191	Islamic Studies	None	3-0-3
GED 196	Communication Skills in Arabic	None	3-0-3
GED 205	Psychology in Everyday Life	LNG 172 or LNG 182	3-0-3
GED 324	Ethical Reasoning for Today's World	LNG 172 or LNG 182	3-0-3
GED 330	Introduction to Canadian Studies	None	3-0-3

Program Core Requirements [Core Courses - 79 Credits]

Course Code	Course Title	Prerequisite	Cr. Hrs.
MTH 112	Calculus I	None	3-0-3
MTH 113	Calculus II	MTH 112	3-0-3
MTH 114	Linear Algebra	MTH 112	3-0-3
MTH 120	Discrete Mathematics	None	3-0-3
MTH 130	Probability and Statistics	MTH 112	3-0-3
MTH 212	Calculus III	MTH 113	3-0-3
MTH 220	Ordinary Differential Equations	MTH 212	3-0-3
SCI 210	Modern Physics	None	2-2-3
SCI 220	Engineering Mechanics	None	3-0-3
SHS 103	Chemistry	None	2-2-3
ENG 102	Digital Logic	None	2-2-3
ENG 122	Engineering Graphics and Design	None	0-2-1
NET 105	Microprocessors and Microcontrollers	ENG 102 or NET 100	2-2-3
ENG 213	Electric Circuit I	SCI 210	2-2-3
ENG 222	Engineering Electromagnetics	MTH 212, SCI 210	2-2-3
ENG 243	Electric Circuit II	ENG 213	2-2-3
ENG 225	Electronics I	ENG 213	2-2-3
ENG 312	Electronics II	ENG 225	2-2-3
ENG 315	Control Systems	MTH 220	3-0-3
ENG 317	Digital Signal Processing	MTH 220	3-0-3
ENG 323	Electric Machines	ENG 213	2-2-3
ELC 321	Instrumentation and Measurements	ENG 243	2-2-3

Course Code	Course Title	Prerequisite	Cr. Hrs.
SWS 110	Programming I	None	2-2-3
SWS 111	Programming II	SWS 110	2-2-3
BUS 311	Engineering Economy	MTH 130	3-0-3
BCS 407	Artificial Intelligence	SWS 111 or BCS 206, BCS 222	3-0-3
ENG 416	Professional and Engineering Ethics	Min. 60 Cr. Hrs.	3-0-3

Program Major Requirements [40 Credits]

Course Code	Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (37 Credits)			
DES 320	Design for Sustainability	SCI 220	2-2-3
PRE 252	Thermo Dynamics and Fluid Mechanics	SCI 210	3-0-3
PRE 361	Power Electronics	ENG 312	2-2-3
PRE 362	Solar Energy	DES 320	2-2-3
PRE 471	Wind Energy	DES 320	2-2-3
PRE 472	Electrical Drivers and Convertors	PRE 361	2-2-3
PRE 473	Energy Conversion and Storage	PRE 361	3-0-3
PRE 474	Power Transmission and Distribution	PRE 361, ENG 323	2-2-3
PRE 482	Power Systems Quality	PRE 474	2-2-3
PRE 481	Smart Grids	PRE 474	2-2-3
PRE 480	Internship in Power and Renewable Energy	90 Cr. Hrs. & CGPA $\geq$ 2.0	3-0-3
PRE 407	Graduation Project 1	Completed 90 Cr. Hrs.	0-4-2
PRE 408	Graduation Project 2	PRE 407	0-4-2
Elective Courses (03 Credits): Students are required to select One Course from the following courses			
ENG 316	Internet of Things and Data Science	NET 105	2-2-3
PRE 486	Digital Control Systems	ENG 315	2-2-3
PRE 487	Electromagnetic Compatibility	ENG 222	3-0-3

Study Plan - Bachelor of Science in Power and Renewable Energy Engineering

Sem.	Course Code	Course Title	Prerequisite	Cr. Hrs.
Semester 1	LNG 181	English I for Engineering & Computing	None	3-0-3
	ENG 102	Digital Logic	None	2-2-3
	MTH 112	Calculus I	None	3-0-3
	SHS 103	Chemistry	None	2-2-3
	SWS 110	Programming I	None	2-2-3
	ENT 141	Fundamentals of Innovation and Entrepreneurship 1	None	2-0-2
	Total			17
Semester 2	LNG 182	English II for Engineering & Computing	LNG 181	3-0-3
	ENT 142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	0-2-1
	MTH 113	Calculus II	MTH 112	3-0-3
	MTH 120	Discrete Mathematics	None	3-0-3
	ENG 122	Engineering Graphics and Design	None	0-2-1
	SWS 111	Programming II	SWS 110	2-2-3
	SCI 210	Modern Physics	None	2-2-3
Total			17	
Semester 3	MTH 130	Probability and Statistics	MTH 112	3-0-3
	MTH 212	Calculus III	MTH 113	3-0-3
	NET 105	Microprocessors and Microcontrollers	ENG 102 or NET 100	2-2-3
	ENG 213	Electric Circuit I	SCI 210	2-2-3
	ENT 241	Entrepreneurship 1	ENT 142	2-0-2
	SCI 220	Engineering Mechanics	None	3-0-3
	Total			17
Semester 4	MTH 114	Linear Algebra	MTH 112	3-0-3
	MTH 220	Ordinary Differential Equations	MTH 212	3-0-3
	ENG 225	Electronics I	ENG 213	2-2-3
	ENG 243	Electric Circuit II	ENG 213	2-2-3
	ENT 242	Entrepreneurship 2	ENT 241	0-2-1
	PRE 252	Thermo Dynamics and Fluid Mechanics	SCI 210	3-0-3
	Total			16
Semester 5	GED XXX	Humanity Elective		3-0-3
	GED 255	Critical Thinking and Problem Solving	LNG 182 or LNG 172	3-0-3
	ENG 222	Engineering Electromagnetics	MTH 212, SCI 210	2-2-3
	ENG 312	Electronics II	ENG 225	2-2-3
	ENG 317	Digital Signal Processing	MTH 220	3-0-3
	DES 320	Design for Sustainability	SCI 220	2-2-3
	Total			18
Semester 6	BUS 311	Engineering Economy	MTH 130	3-0-3
	ENG 315	Control Systems	MTH 220	3-0-3
	ENG 323	Electric Machines	ENG 213	2-2-3
	ELC 321	Instrumentation and Measurements	ENG 243	2-2-3
	PRE 361	Power Electronics	ENG 312	2-2-3
	PRE 362	Solar Energy	DES 320	2-2-3
	Total			18
Semester 7	PRE 407	Graduation Project 1	Completed 90 Cr. Hrs.	0-4-2
	ENG 416	Professional and Engineering Ethics	Min 60 Cr. Hrs.	3-0-3
	PRE 471	Wind Energy	DES 320	2-2-3
	PRE 472	Electrical Drivers and Convertors	PRE 361	2-2-3
	PRE 473	Energy Conversion and Storage	PRE 361	3-0-3
	PRE 474	Power Transmission and Distribution	PRE 361, ENG 323	2-2-3
	Total			20
Semester 8	GED 190	Emirati Studies	None	3-0-3
	BCS 407	Artificial Intelligence	SWS 111 or BCS 206, BCS 222	3-0-3
	PRE 408	Graduation Project 2	PRE 407	0-4-2
	PRE 481	Smart Grids	PRE 474	2-2-3
	PRE 482	Power Systems Quality	PRE 474	2-2-3
	PRE-XXX	Major Elective 1		3
	Total			14
	Internship to be taken after completion of 90 Cr. Hrs. and CGPA 2.0 or more.			3
Total			140	

22.5.4 Bachelor of Science in Industrial and Engineering Management

Description:

The Bachelor of Science in Industrial and Engineering Management (BSciEM) is designed to prepare future engineers to lead in smart industry, digital transformation, logistics, supply chains, and sustainable operational systems. In a world driven by Industry 5.0, artificial intelligence, smart manufacturing, and global logistics, there is a growing need for engineers who not only understand complex systems, but can design, optimize, and lead them. The program is designed to develop engineers capable of improving complex industrial and logistics systems through data-driven and technology-enabled solutions, with a strong emphasis on innovation, efficiency, and sustainability. Students build a strong foundation in mathematics, physics, computing, and engineering sciences, followed by specialized study in key industrial engineering areas such as operations research, systems modeling, probability and statistics, engineering economy, supply chain engineering, quality engineering, simulation, industrial automation, artificial intelligence, and Internet of Things applications. Aligned with the UAE's priorities in advanced manufacturing and global logistics, the program offers two focused pathways:

- Smart Manufacturing and Industry Systems
- Logistics and Supply Chain Engineering

The world-class curricula blend academic excellence with hands-on experience through labs, real-world design projects, industry internships, and a capstone graduation project, equipping graduates with the skills and confidence to tackle real-world challenges and drive innovation in the UAE's dynamic economy. Designed with a global outlook, the program aligns with leading international standards, including the Engineering Accreditation Commission (EAC) of ABET, ensuring graduates are prepared to compete and lead on a global stage.

Benefits:

Industry-Relevant Focus: Study a program built around smart manufacturing, logistics, supply chains, data-driven decision-making, and sustainable operations.

UAE Market Alignment: The curriculum is aligned with national priorities in advanced manufacturing, innovation, and global logistics.

Two Specialized Pathways: Choose a concentration that matches your interests and career goals in either smart industry systems or logistics and supply chain engineering.

Technology-enabled Learning: Gain exposure to AI, IoT, industrial automation, simulation, lean systems, and smart manufacturing.

Hands-on Experience: Strengthen your practical skills through labs, applied projects, internship, and capstone graduation projects.

Career Versatility: Graduate ready for roles across manufacturing, operations, logistics, systems improvement, industrial automation, and digital transformation.

Entrepreneurial Mindset: Develop innovation and entrepreneurship capabilities alongside engineering and management skills.

International Outlook: The program is designed to be consistent with international accreditation expectations, including ABET-oriented outcomes.

Career Opportunities:

As a graduate of the Bachelor of Science in Industrial and Engineering Management program, students will have the qualifications and skills to pursue career opportunities such as:

- Industrial Engineer
- Operations Analyst
- Supply Chain Engineer
- Logistics and Distribution Engineer
- Manufacturing Engineer
- Quality and Process Improvement Engineer
- Systems Analyst
- Production and Operations Manager
- Industrial Automation Specialist

a) Program Learning Outcomes (PLOs)

Upon successful completion of the program, the graduate will be able to:

1. Identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.
2. Apply engineering designs to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.
3. Communicate effectively with a range of audiences.
4. Recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.
5. Function effectively in a team whose members together provide leadership, create a collaborative environment, establish goals, plan tasks, and meet objectives.
6. Develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.
7. Acquire and apply new knowledge as needed, using appropriate learning strategies.

b) Program Learning Outcomes (PLOs) Alignment with QF-Emirates

PLOs	Knowledge	Skills	Responsibility
1. Identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	✓	✓	
2. Apply engineering designs to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.		✓	✓
3. Communicate effectively with a range of audiences.		✓	✓
4. Recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	✓		✓
5. Function effectively in a team whose members together provide leadership, create a collaborative environment, establish goals, plan tasks, and meet objectives.			✓
6. Develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	✓	✓	
7. Acquire and apply new knowledge as needed, using appropriate learning strategies.	✓	✓	✓

c) BSc in Industrial and Engineering Management Program Requirements

Program Requirements		Compulsory Cr. Hrs.	Elective Cr. Hrs.	Total Cr. Hrs.
Core Courses	Professional Studies and GE Courses	24	03	27
	Mathematics and Sciences Courses	30	-	30
	Industrial Engineering Core Courses	48	-	48
	Computing and Software Fundamentals	07	-	07
Concentration Pathway (Students are required to select One of the following two Concentrations)				
1. Smart Manufacturing and Industry Systems		-	09	09
2. Logistics and Supply Chain Engineering				
Practical Experience and Projects		09	-	09
	Total	118	12	130

Professional Studies and General Education Courses [27 Credits]

Course Code	Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (24 Credits)			
LNG 181	English I for Engineering and Computing	None	3
LNG 182	English II for Engineering and Computing	LNG 181	3
GED 190	Emirati Studies	None	3
GED 255	Critical Thinking and Problem Solving	LNG 182 or LNG 172	3
ENT 141	Fundamentals of Innovation and Entrepreneurship 1	None	2
ENT 142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
ENT 241	Entrepreneurship 1	ENT 142	2
ENT 242	Entrepreneurship 2	ENT 241	1
BUS 311	Engineering Economy	MTH 130	3
ENG 416	Professional and Engineering Ethics	Min 60 Cr. Hrs.	3
Humanities Elective Courses (03 Credits): Students are required to Select ONE Course from the following Courses			
GED 103	Head Anatomy Sculpture	None	3
GED 106	Smart Decisions: Data Literacy and Visualization	None	3
GED 110	Modern Art Appreciation	None	3
GED 111	Music Appreciation and Communication	None	3
GED 191	Islamic Studies	None	3
GED 196	Communication Skills in Arabic	None	3
GED 205	Psychology in Everyday Life	LNG 182 or LNG 172	3
GED 324	Ethical Reasoning for Today's World	LNG 182 or LNG 172	3
GED 330	Introduction to Canadian Studies	None	3

Mathematics and Science Courses [30 Credits]

Course Code	Course Title	Prerequisite	Cr. Hrs.
MTH 112	Calculus I	None	3
MTH 113	Calculus II	MTH 112	3
MTH 114	Linear Algebra	MTH 112	3
MTH 120	Discrete Mathematics	None	3
MTH 130	Probability and Statistics	MTH 112	3
MTH 212	Calculus III	MTH 113	3
MTH 220	Ordinary Differential Equations	MTH 212	3
SHS 103	Chemistry	None	3
SCI 210	Modern Physics	None	3
SCI 220	Engineering Mechanics	None	3

Industrial Engineering Core Courses [48 Credits]

Course Code	Course Title	Prerequisite	Cr. Hrs.
IEM 211	Operations Research I	None	3
IEM 212	Operations Research II	IEM 211	3
IEM 221	Production and Operations Management	None	3
IEM 230	Quality Control and Reliability Engineering	None	3
IEM 240	Facilities Planning and Design	None	3
IEM 222	Manufacturing Processes	IEM 221	3
IEM 241	Supply Chain and Logistics Engineering	IEM 240	3
IEM 341	Human Factors and Ergonomics	None	3
IEM 315	Simulation Modeling and Analysis	SWS 111	3
MEC 323	Industrial Automation	IEM 222	3
BUS 310	Project Management	Completed 60 Cr. Hrs.	3
IEM 322	Lean Manufacturing and Six Sigma	IEM 222	3
IEM 331	Global Supply Chain Management	IEM 241	3
ENG 316	Internet of Things and Data Science	SWS 111	3
BCS 407	Artificial Intelligence	SWS 111 and MTH 130	3
IEM 422	Smart Manufacturing	IEM 322	3

Computing and Software Fundamentals Courses [07 Credits]

Course Code	Course Title	Prerequisite	Cr. Hrs.
SWS 110	Programming I	None	3
SWS 111	Programming II	SWS 110	3
ENG 122	Engineering Graphics and Design	None	1

Concentrations Courses [18 Credits]

All students who enroll in the BSc in Industrial and Engineering Management (BScIEM) program will have to select one of the concentrations.

Course Code	Course Title	Prerequisite	Cr. Hrs.
1. Concentration Pathway 1: Smart Manufacturing and Industry Systems			18
Elective Courses: (Select THREE courses from the following four elective courses.)			
IEM 450	Advanced Optimization Techniques	IEM 315	3
IEM 451	Additive Manufacturing and 3D Printing	IEM 222	3
IEM 452	Enterprise Resource Planning (ERP) Systems	IEM 241	3
IEM 453	Human–Machine Collaboration	MEC 323	3
Practical Experience and Project (The internship and projects will align with the concentration pathway.)			
IEM 480	Internship in Industrial Engineering	60 Credit Hours and CGPA $\geq$ 2.0	3
IEM 407	Graduation Project I	Completed 90 Cr. Hrs.	3
IEM 408	Graduation Project II	IEM 407	3
2. Concentration Pathway 2: Logistics and Supply Chain Engineering			18
Elective Courses: (Select THREE courses from the following four elective courses.)			
IEM 454	Inventory and Warehouse Management	BUS 310	3
IEM 455	Transportation and Distribution Systems	IEM 241	3
IEM 456	Sustainable Supply Chains	IEM 331	3
IEM 457	Digital Logistics and Smart Supply Chain Systems	IEM 331	3
Practical Experience and Project (The internship and projects will align with the concentration pathway.)			
IEM 480	Internship in Industrial Engineering	60 Credit Hours and CGPA $\geq$ 2.0	3
IEM 407	Graduation Project I	Completed 90 Cr. Hrs.	3
IEM 408	Graduation Project II	IEM 407	3

Study Plan - Bachelor of Science in Industrial and Engineering Management

Sem.	Course Code	Course Title	Prerequisite	Cr. Hrs.
Semester 1	LNG 181	English I for Engineering and Computing	None	3
	MTH 112	Calculus I	None	3
	SHS 103	Chemistry	None	3
	SWS 110	Programming I	None	3
	ENT 141	Fundamentals of Innovation and Entrepreneurship 1	None	2
	GED 190	Emirati Studies	None	3
Total				17
Semester 2	LNG 182	English II for Engineering and Computing	LNG 181	3
	ENT 142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
	MTH 113	Calculus II	MTH 112	3
	MTH 120	Discrete Mathematics	None	3
	ENG 122	Engineering Graphics and Design	None	1
	SWS 111	Programming II	SWS 110	3
	SCI 210	Modern Physics	None	3
Total				17
Semester 3	MTH 130	Probability and Statistics	MTH 112	3
	MTH 212	Calculus III	MTH 113	3
	ENT 241	Entrepreneurship 1	ENT 142	2
	MTH 220	Ordinary Differential Equations	MTH 212	3
	SCI 220	Engineering Mechanics	None	3
	MTH 114	Linear Algebra	MTH 112	3
Total				17
Semester 4	IEM 211	Operations Research I	None	3
	IEM 221	Production and Operations Management	None	3
	IEM 230	Quality Control and Reliability Engineering	None	3
	IEM 240	Facilities Planning and Design	None	3
	ENT 242	Entrepreneurship 2	ENT 241	1
	BUS 311	Engineering Economy	MTH 130	3
Total				16
Semester 5	GED XXX	Humanities Elective	None	3
	IEM 212	Operations Research II	IEM 211	3
	IEM 222	Manufacturing Processes	IEM 221	3
	IEM 241	Supply Chain and Logistics Engineering	IEM 240	3
	ENG 416	Professional and Ethical Practice	Min 60 Cr. Hrs.	3
	IEM 315	Simulation Modeling and Analysis	SWS 111	3
Total				18
Semester 6	BUS 310	Project Management	Completed 60 Cr. Hrs.	3
	MEC 323	Industrial Automation	IEM 222	3
	IEM 322	Lean Manufacturing and Six Sigma	IEM 222	3
	IEM 331	Global Supply Chain Management	IEM 241	3
	IEM 341	Human Factors and Ergonomics	None	3
Total				15
Semester 7	BCS 407	Artificial Intelligence	SWS 111, MTH 130	3
	ENG 316	Internet of Things and Data Science	SWS 111	3
	IEM 407	Graduation Project I	Completed 90 Cr. Hrs.	3
	IEM 422	Smart Manufacturing	IEM 322	3
	IEM XXX	Program Elective (1)		3
Total				15
Semester 8	IEM 408	Graduation Project II	IEM 407	3
	GED 255	Critical Thinking and Problem Solving	LNG 182	3
	IEM XXX	Program Elective (2)		3
	IEM XXX	Program Elective (3)		3
Total				12
Internship to be taken in summer semester after completion of 60 Cr. Hrs. + CGPA 2.0 or more				3
Total Credit Hours				130

School of Management

A Word from the Dean

Welcome to the School of Management at Canadian University Dubai

I would like to take this opportunity to welcome you to the School of Management (SOM). In common with the overall approach at Canadian University Dubai, the School of Management brings you the very best of the diverse North American learning culture, providing a range of opportunities to develop your management-related knowledge and career. The curriculum, teaching methods and support services are innovative, dynamic and designed to deliver an authentic learning experience that is directly linked to state-of-the-art research and practice. All programs and courses are delivered by experienced faculty and talented researchers with local and international experience from North America and around the globe.

The choice you have made to study with us will help define your future career direction, and you will find our experienced faculty members to be capable teachers and researchers who are highly supportive of your ambitions. The faculty is committed to the pursuit of academic excellence through the use of outcome-based teaching and learning (OBTL) leveraging a new 'invention enriched' approach to curriculum development and delivery (the Invention Focused Curriculum or IFC). This approach means that every student in our faculty is encouraged to explore, develop, invent and apply newly discovered knowledge acquired during their time at CUD.

The School of Management has partnered with a range of globally renowned education and corporate institutions to provide exciting opportunities for students to progress and grow. The School offers a range of programs and courses designed to enable our students to excel in their chosen specializations. Complemented by an innovative curriculum and ultra-modern learning technology spread across its campus buildings, the School of Management gives you the skills, tools and knowledge to step into the business world ready to engage as the leader you have the potential to be.

School of Management (SOM)

Canadian University Dubai

22.6 Department of Undergraduate Programs

The School of Management prides itself in having a wide spectrum of undergraduate programs and specializations that fit the passion of every business enthusiast. Our portfolio keeps expanding to meet the continuous demand for graduates trained in traditional business disciplines including Bachelor of Business Administration in Accounting and Finance, Entrepreneurship, Human Resource Management, Management, and Marketing, while responding to the needs of new and emerging growth sectors, such as e-Business, International Business and Business Analytics.

22.6.1 Bachelor of Business Administration in Accounting and Finance

Description:

The Bachelor of Business Administration in Accounting and Finance provides students with a broad education in business disciplines while emphasizing on specialized knowledge in accounting and finance. The curriculum covers core areas such as human resource management, marketing, e-business, international business, and organizational behavior, alongside accounting and finance principles and their application in local and global contexts. Students gain competencies in financial reporting, management accounting, portfolio management, securities analysis, accounting information systems, and International Financial Reporting Standards (IFRS). Training also includes quantitative and qualitative analysis, problem-solving, and the use of accounting and finance technologies to support effective decision-making.

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:

- Accounting
- Audit
- Investment Analysis
- Banking
- Wealth Management
- Securities Trading and Analysis
- Financial Management
- Credit Control

22.6.2 Bachelor of Business Administration in Business Analytics

Description:

The Bachelor of Business Administration in Business Analytics (BBABA) program equips students with the knowledge and analytical capabilities required to transform data into meaningful insights that inform strategic business decisions. The program combines fundamental business disciplines with modern analytical approaches, enabling students to understand and evaluate complex

business data. Through this integration, graduates develop the ability to identify patterns, interpret trends, and support evidence-based decision-making in dynamic organizational environments.

The curriculum blends theoretical foundations with practical applications, allowing students to gain hands-on experience in data collection, analysis, and interpretation. Students learn how to apply analytical techniques to enhance organizational performance and improve operational efficiency. In addition, the program cultivates strong critical thinking and problem-solving abilities essential for addressing contemporary business challenges.

Benefits:

Specialized Knowledge in Business Analytics: Students develop a strong foundation in core business disciplines together with specialized competencies in data analysis, business intelligence, database systems, programming for analytics, and visualization.

Evidence-Based Decision Making: The program prepares students to transform business data into meaningful insights that support strategic and operational decision-making in dynamic organizational settings.

Hands-On and Applied Learning: The curriculum blends theoretical foundations with practical applications, allowing students to gain hands-on experience in data collection, analysis, interpretation, and professional analytics practice through internships and consulting-oriented work.

Ethics, Governance, and Digital Transformation Focus: Students are trained to address legal, ethical, privacy, and governance issues in analytics projects while also engaging with digital transformation themes relevant to contemporary organizations.

Career and Graduate Study Readiness: The program prepares students for employment across sectors such as finance, consulting, technology, retail, healthcare, and government, while also offering a strong foundation for advanced studies in business analytics and data science.

Career Opportunities:

As graduates of the Bachelor of Business Administration in Business Analytics program, students may pursue career opportunities such as:

- Business Analyst
- Data Analyst
- Market Research Analyst
- Operations Analyst
- Business Intelligence Analyst
- Analytics Consultant
- Data-Driven Decision Support Specialist

22.6.3 Bachelor of Business Administration in e-Business

Description:

The Bachelor of Business Administration in e-Business provides students with a foundation in core business disciplines while emphasizing on practical experience in digital strategies, online business models, and the emerging technologies that are transforming contemporary business practices. The curriculum includes accounting and finance, human resource management, marketing, and international business, with particular attention to applying e-business theories in both national and global contexts. Students develop the ability to analyze e-business challenges and formulate innovative, sustainable, and practical solutions suited to different organizational needs. The

program focuses on the integration of ethics, governance, and privacy principles into e-business strategies to ensure responsible and effective practice. Students also gain experience in evaluating technological and managerial approaches, selecting appropriate e-business models, and designing solutions tailored to organizational objectives. Communication, teamwork, and decision-making skills are cultivated to prepare graduates for professional roles in technology-driven environments.

Benefits:

Graduates of the BBA in e-Business program will be well-equipped to navigate the rapidly changing digital business landscape and contribute to the success of both traditional and online businesses by leveraging their technical, analytical, and strategic skills.

The program fosters an interactive learning environment by combining theoretical knowledge and practical applications. It prepares students to implement industry best practices and improve their job prospects after graduation.

Career Opportunities:

The broad use of e-business concepts across various organizations creates career opportunities within multinational corporations, governments and agencies, and private companies. 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
- e-Business Project Manager
- e-Business Entrepreneur

22.6.4 Bachelor of Business Administration in Entrepreneurship

Description:

The BBA in Entrepreneurship program empowers individuals with the passion and drive to innovate across diverse industries, nurturing their entrepreneurial spirit and potential. Graduates emerge with the skills and mindset to thrive in entrepreneurial careers, enriched by hands-on experiences in project and venture creation across varied contexts. This unique program develops entrepreneurs versed in strategic planning, market differentiation, funding strategies, legal frameworks, and venture launch. It blends theoretical insights with practical exercises, industry engagement, and academic expertise. Through consultancy opportunities, internships, and live entrepreneurial projects, students gain invaluable experiences to propel their careers forward.

Benefits:

The BBA in Entrepreneurship offers a comprehensive understanding of core business functions, equipping graduates with the essential skills pivotal for starting new ventures and/or ascending to management roles across a spectrum of industries, from multinational corporations to innovative startups or smaller family-run businesses. Entrepreneurs can address a wide range of business and social challenges in various industries and business sectors. With continuous efforts and substantial progress within the region towards economic diversification and sustainability, graduates with enterprising and entrepreneurial competencies are in high demand. As an entrepreneur or an

intrapreneur, they are the driving force for major social and commercial innovations for continued sustainable economic growth of any economy.

Career Opportunities:

Graduates in the BBA in Entrepreneurship are expected to have various career opportunities. Entrepreneurship graduates are anticipated to continue developing and expanding their business idea; contribute to existing organizations in various roles such as business and management consultancies, as well business development, business set up, marketing and sales. Entrepreneurship graduates can also naturally join young and agile companies and contribute to establishing new businesses and functions in existing companies.

In the current competitive space, when companies are continuously looking to hire individuals with innovative and creative mindsets, the graduates of this program will have a wide range of industries to choose from including Oil and Gas, Banking, Telecommunication, Police, Manufacturing, Retailing, Logistics, Supply and Chains, and Healthcare. They will possess the knowledge and skills required in several positions including but not limited to:

- Business Development Manager
- Business Entrepreneur
- Innovation Manager/Consultant
- Business Analyst/Consultant
- Intrapreneur Manager
- Franchise Owner

22.6.5 Bachelor of Business Administration in Human Resource Management

Description:

Human capital is a critical resource for any organization. With ever-changing workplace laws and the globalization of industry, human resource management has become a vital strategic business function. Human resource professionals play a central role in overseeing key processes such as workforce planning, recruitment, employee development, and change management.

The BBA in Human Resource Management prepares students to contribute both strategically and operationally to an organization's workforce development. This program covers strategic staffing, compensation and benefits, employee and labor relations, integrated human resource development systems, and decision-support processes that will help them build the knowledge and skills required to become effective HR professionals.

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
- Talent Development
- Staffing
- Compensation and Benefits
- Labour Relations
- Organizational Development
- Training and Professional Development

22.6.6 Bachelor of Business Administration in International Business

Description:

The Bachelor of Business Administration in International Business provides students with comprehensive knowledge of core business disciplines while emphasizing global markets, cross-cultural management, and international trade. The curriculum covers accounting and finance, human resource management, marketing, e-business, and organizational behavior, alongside specialized courses in international business principles and their application to both national and global contexts. Students gain skills in analyzing data with quantitative and qualitative methods, evaluating market dynamics, and designing strategies to manage globalization in organizations. The program highlights the global dimensions of business, including markets, cultures, policies, and regulatory frameworks. Students develop competencies in addressing international business problems, formulating innovative and sustainable solutions, and anticipating economic and cultural shifts for competitive advantage. Training also emphasizes communication, teamwork, and leadership, along with ethical responsibility and professional standards, to prepare students for effective engagement in diverse business environments and for continuous professional development.

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 Management
- International Advertising and Media
- Foreign Currency Investment
- Telecommunications
- Tourism and Transportation Management
- Logistics and Supply Chain
- Manufacturing and Services
- Aerospace Management
- Oil and Gas (Energy)
- Banking and Financial Services
- International Business Agencies
- Non-governmental Agencies (NGOs)

22.6.7 Bachelor of Business Administration in Management

Description:

The Bachelor of Business Administration in Management program is designed to equip students with the essential skills, knowledge, and perspectives needed to excel in today's dynamic and competitive business environment. The program blends strong theoretical foundations with practical applications, enabling students to develop critical thinking, problem-solving, and decision-making skills that are vital for effective leadership and organizational success. Through a curriculum that emphasizes both core business principles and advanced management practices, students gain exposure to key areas such as strategic planning, organizational behavior, operations management, project management, and business communication. The program also integrates experiential learning opportunities, case studies, and real-world projects to ensure graduates can translate theory into practice.

Benefits:

At CUD, we pride ourselves on providing a supportive learning environment with experienced faculty members who bring real-world experience into the classroom. Our modern facilities and resources ensure that students have access to the tools they need for success.

As a graduate of this program your skills will be in high demand worldwide. Our program will help develop your competencies in planning, critical analysis, project management and leadership, all of which prepare you for the dynamic and challenging corporate world.

Career Opportunities:

A survey conducted with perspective employers suggests a significant preference towards a BBA in Management. The sample includes potential employers from across various sectors, including Oil and Gas, Banking, Telecommunication, Police, Manufacturing, Retail, Logistics and Healthcare. Results show that Management was the most frequently selected major for the BBA. Graduates of the Management program will be prepared to pursue a wide range of careers across industries and sectors. Potential roles include such as:

- Operations Manager
- Project Manager
- Business Analyst
- Change Manager
- Sales Manager
- Managing Director

22.6.8 Bachelor of Business Administration in Marketing

Description:

BBA in Marketing will prepare students to thrive in this rapidly evolving global environment by developing a deep understanding of traditional and digital marketing practices, data analytics, consumer psychology, and strategic brand management. The program emphasizes on hands-on learning and exposure to cutting-edge tools, equipping students with the skills to design innovative campaigns, manage customer relationships, and adapt to global market shifts.

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 and Analytics
- Public Relations Management
- Customer Relationship Management
- Social Media and Influencer Marketing Management
- Healthcare Marketing Management
- Digital Marketing Strategy
- Content Development
- Services Marketing
- Retail and E-commerce Marketing Management
- Marketing Technology (MarTech) Solutions
- Purchasing and Distribution Management

a) Program Learning Outcomes (PLOs)

Upon successful completion of the program the student will be able to:

Common PLOs to All BBA Programs

PLO1: Demonstrate knowledge of principles and theories related to accounting and finance, human resource management, marketing, e-business, international business, and other fields, and their application to business contexts.

- PLO2:** Communicate effectively orally and in writing to demonstrate successful business management skills.
- PLO3:** Analyze data using quantitative and qualitative methods for decision making.
- PLO4:** Function effectively as a member or leader of a team and engage in activities that align with the professional and societal norms, regulations, and ethical values.
- PLO5:** Engage in lifelong learning and acquiring new knowledge and skills with an attitude that is conducive to professional development and growth.
- PLO6:** Demonstrate the understanding of the global dimensions of business, including markets, cultures, policies, and regulations.

Accounting and Finance (AF)

- PLO7 (AF):** Apply specialized accounting and finance principles and theories to a national and global business context to develop strategies for organizations.
- PLO8 (AF):** Analyze accounting and finance problems, formulate innovative and sustainable solutions and evaluate effective strategies.
- PLO9 (AF):** Demonstrate comprehensive knowledge of Accounting and Finance's professional standards.
- PLO10 (AF):** Evaluate multiple perspectives and formulate effective actions using Accounting and Finance technologies.

Business Analytics (BA)

- PLO7 (BA):** Apply specialized Business Analytics principles and theories within national and global business contexts to develop effective and entrepreneurial strategies that support competitive advantage.
- PLO8 (BA):** Analyze Business Analytics problems and develop innovative and sustainable solutions.
- PLO9 (BA):** Implement the principles of privacy, ethics, and governance in Business Analytics projects.
- PLO10 (BA):** Deploy gained knowledge and acquired skills to manage and coordinate specialized tasks in Business Analytics for different organizational contexts.

e-Business (EB)

- PLO7 (EB):** Apply specialized E-Business principles and theories to a national and global business context to develop effective strategies.
- PLO8 (EB):** Analyze e-Business problems and develop innovative, sustainable effective solutions.
- PLO9 (EB):** Integrate privacy, ethics, and governance principles effectively into E-business solutions.
- PLO10 (EB):** Evaluate different E-Business approaches and choose the most suitable one to create innovative solutions tailored to various organizational settings.

Entrepreneurship (ENT)

- PLO7 (ENT):** Identify and explore entrepreneurship opportunities in a market, whilst developing and implementing innovative and sustainable solutions.
- PLO8 (ENT):** Apply specialized entrepreneurship knowledge and tools to effectively compete in local and global markets.
- PLO9 (ENT):** Evaluate the ethical and environmental issues and responsibilities which entrepreneurs take into account when making decisions.

PLO10 (ENT): Design creative strategies for pursuing, exploiting and further developing new entrepreneurship opportunities.

Human Resource (HR) Management

PLO7 (HR): Apply specialized human resource management principles and theories to a national and global business context to develop effective strategies.

PLO8 (HR): Analyze human resource management problems, formulate innovative and sustainable solutions and develop effective strategies.

PLO9 (HR): Evaluate the impact of HRM interventions on organizational competitiveness emphasizing on the integration of sustainable development metrics into assessment framework.

PLO10 (HR): Design innovative strategies for retaining human capital capable of achieving competitive advantage in compliance with legal and ethical norms.

International Business (IB)

PLO7 (IB): Apply specialized international business principles and theories to a national and global business context to develop strategies for organizations.

PLO8 (IB): Analyze international business problems, formulate innovative and sustainable solutions and develop effective strategies.

PLO9 (IB): Synthesize global market dynamics for sustainable competitiveness by integrating and anticipating the economic trends and cultural shifts.

PLO10 (IB): Design actionable strategies to manage the globalization process in organizations.

Management (MGT)

PLO7 (MGT): Apply specialized management principles and theories to a national and global business context to develop strategies for organizations.

PLO8 (MGT): Analyze management problems, formulate innovative and sustainable solutions and develop effective strategies.

PLO9 (MGT): Optimize business processes and enhance data-driven decision-making utilizing digital transformation principles and emerging technologies.

PLO10 (MGT): Implement agile methodologies and adaptive strategies to manage and thrive effectively in complex dynamic business environment.

Marketing (MK)

PLO7 (MK): Evaluate ethical and environmental concerns using marketing analytics for green and sustainable marketing activities in the digital era.

PLO8 (MK): Apply innovative marketing strategies leveraging AI to the consumers and organizations belonging to digital-centric markets.

PLO9 (MK): Evaluate ethical and environmental concerns through marketing analytics linked to green and sustainable marketing activities applicable in the digital era.

PLO10 (MK): Apply innovative marketing strategies leveraging AI for today's consumers and organizations through research, comprehension, and analysis of digital-centric markets.

b) Program Learning Outcomes (PLOs) Alignment with QF-Emirates

PLOs	Knowledge	Skills	Aspects of Competence		
			Autonomy & Responsibility	Role in Context	Self-Development
PLO1	✓				
PLO2	✓				
PLO3		✓			
PLO4	✓	✓			
PLO5	✓	✓			
PLO6			✓	✓	✓
PLO7-AF	✓		✓	✓	
PLO8-AF					✓
PLO9-AF	✓			✓	
PLO10-AF				✓	
PLO7-EB	✓		✓	✓	
PLO8-EB					✓
PLO9-EB		✓	✓		✓
PLO10-EB				✓	✓
PLO7-ENT					✓
PLO8-ENT				✓	
PLO9-ENT		✓	✓		✓
PLO10-ENT		✓	✓		✓
PLO7-HR	✓		✓	✓	
PLO8-HR					✓
PLO9-HR	✓			✓	
PLO10-HR			✓	✓	✓
PLO7-IB	✓		✓	✓	
PLO8-IB					✓
PLO9-IB	✓	✓	✓	✓	✓
PLO10-IB		✓	✓	✓	✓
PLO7-MG	✓		✓	✓	
PLO8-MG	✓	✓	✓	✓	
PLO9-MG	✓	✓	✓	✓	✓
PLO10-MG	✓	✓	✓	✓	✓
PLO7-MK	✓		✓	✓	
PLO8-MK					✓
PLO9-MK	✓	✓	✓		✓
PLO10-MK		✓	✓		✓
PLO7-BA	✓	✓			
PLO8-BA		✓			
PLO9-BA			✓		
PLO10-BA		✓	✓		

c) Bachelor of Business Administration (BBA) Programs Requirements

Requirements	Compulsory Cr. Hrs.	Elective Cr. Hrs.	Total Cr. Hrs.
University Requirements (GE Courses)	21	06	27
Program Core Requirements (Core Courses)	63	03	66
Program Major Requirements (BBA students are required to select one of the following)			
i. BBA in Accounting and Finance	24	06	30
ii. BBA in Business Analytics			
iii. BBA in e-Business			
iv. BBA in Entrepreneurship			
v. BBA in Human Resource Management			
vi. BBA in International Business			
vii. BBA in Management			
viii. BBA in Marketing			
Total	108	15	123

University Requirements [General Education Courses - 27 Credits]

Course Code	Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (21 Credits)			
LNG 171	English I	None	3
LNG 172	English II	LNG 171	3
GED 102	AI in Modern Life	None	3
GED 190	Emirati Studies	None	3
GED 255	Critical Thinking and Problem Solving	LNG 172	3
ENT 141	Fundamentals of Innovation and Entrepreneurship 1	None	2
ENT 142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
MTH 196	Mathematics for Business	None	3
Elective (06 Credits): Students are required to Select TWO Courses from the following Pool			
BIO 102	Biology I	None	3
SHS 103	Chemistry	None	3
ENV 201	Principles of Environmental Science	None	3
GED 103	Head Anatomy Sculpture	None	3
GED 106	Smart Decisions: Data Literacy and Visualization	None	3
GED 110	Modern Art Appreciation	None	3
GED 111	Music Appreciation and Communication	None	3
GED 112	Using Positive Psychology at Work	LNG 172	3
GED 125	Ecosystems and Human Health	None	3
GED 132	Science and Technology in Society	None	3
GED 191	Islamic Studies	None	3
GED 196	Communication Skills in Arabic	None	3
GED 205	Psychology in Everyday Life	LNG 172	3
GED 272	Fundamentals of Public Speaking	LNG 172	3
GED 324	Ethical Reasoning for Today's World	LNG 172	3

Program Core Requirements [Core Courses - 66 Credits]

Course Code	Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (63 Credits)			
ACT 112	Principles of Accounting I	None	3
ACT 212	Principles of Accounting II	ACT 112	3
ACT 250	Fundamentals of Taxation	ACT 112	3
ECO 221	Principles of Microeconomics	None	3
ECO 222	Principles of Macroeconomics	None	3
ENT 241	Entrepreneurship 1	ENT 142	2
ENT 242	Entrepreneurship 2	ENT 241	1
FIN 202	Principles of Finance	ACT 112	3
HRM 210	Human Resource Management	MGT 202	3
MGT 202	Principles of Management	None	3
MGT 210	Business Report Writing	LNG 172	3
MGT 220	Organizational Behavior	None	3
MGT 231	Legal Environment of Business	LNG 172, MGT 202	3
MKT 201	Principles of Marketing	LNG 171	3
QBA 201	Business Statistics	MTH 196 or equivalent	3
INB 360	International Business	MGT 202	3
MGT 301	Introduction to Business Analytics	QBA 201	3
MGT 302	Business Research Methodologies	MGT 301	3
MGT 361	Operations Management	MGT 202, MGT 301	3
SWS 351	Management Information Systems	GED 102	3
MGT 404	Business Ethics and Social Responsibility	MGT 231	3
MGT 470	Strategic Management	HRM 210, ECO 221, ECO 222, FIN 202, MKT 201, MGT 361, and 90 Cr. Hrs.	3
Elective Courses (03 Credits): Students are required to Select one Course from the following courses			
EBU 200	e-business Fundamentals*	None	3
FIN 322	Financial Markets and Institutions	ECO 222, FIN 202	3
MKT 301	Digital Marketing**	MKT 201	3
INB 425	Cross Cultural Communication and Management***	MGT 202	3
MGT 430	Change Management	HRM 210, MGT 220	3

*Not applicable for e-Business Major

**Not applicable for Marketing Major

*** Not applicable for International Business Major

Program Major Requirements [30 Credits]

BBA Students are required to select one of the Majors and must complete successfully all the compulsory courses and required elective courses of the selected major.

i. BBA in Accounting and Finance [30 Credits]

Course Code	Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (24 Credits)			
ACT 310	Management Accounting	ACT 212	3
ACT 330	International Financial Reporting Standards	ACT 212	3
FIN 310	Corporate Finance	FIN 202	3
FIN 331	Portfolio Management	FIN 202, FIN 310	3

Course Code	Course Title	Prerequisite	Cr. Hrs.
FIN 332	Investment Analysis	FIN 202, FIN 310	3
FIN 401	Internship in Accounting and Finance	90 Credit Hours & CGPA $\geq$ 2.0	3
ACT 430	Accounting Information Systems	ACT 212	3
ACT 450	Auditing	ACT 310, ACT 330	3
Elective Courses (06 Credits): Students are required to Select Two Courses from the following courses			
ACT 335	Advanced Financial Accounting	ACT 212	3
FIN 320	Financial Statement Analysis	FIN 202	3
FIN 440	Investment Fund	ECO 222, FIN 310, FIN 331, FIN 332	3
FIN 480	Financial Derivatives	FIN 310, FIN 332	3

ii. BBA in Business Analytics [30 Credits]

Course Code	Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (24 Credits)			
BAN 205	Business Intelligence	None	3
EBU 210	Introduction to Database Systems	EBU 200 or BAN 205	3
BAN 300	Data Management and Visualization	EBU 210	3
BAN 305	Programming for Data Analytics	BAN 205	3
BAN 310	Ethical and legal issues in Business Analytics	MGT 231	3
FIN 329	Financial Technology	BAN 205	3
BAN 400	Internship in Business Analytics	90 Credit Hours & CGPA $\geq$ 2.0	3
BAN 450	Business Consulting Project in Business Analytics	BAN 305 and 90 Cr. Hrs.	3
Elective Courses (06 Credits): Students are required to Select Two Courses from the following courses			
BAN 320	Knowledge Management	None	3
BAN 330	Digital Transformation	None	3
BAN 340	Prompt Engineering for Business and Data Analytics	BAN 305	3
BAN 490	Selected Topics in Business Analytics	BAN 205	3

iii. BBA in e-Business [30 Credits]

Course Code	Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (24 Credits)			
EBU 200	e-Business Fundamentals	None	3
EBU 210	Introduction to Database Systems	EBU 200 or BAN 205	3
EBU 300	Information Security	EBU 200	3
EBU 301	Systems Analysis and Design	SWS 351	3
EBU 303	e-Business Web Technologies	EBU 210	3
EBU 401	Internship in e-Business	90 Credit Hours & CGPA $\geq$ 2.0	3
EBU 406	e-Business Project Management	MGT 361, SWS 351	3
EBU 450	e-Business Consulting Project	Final Semester	3
Elective Courses (06 Credits): Students are required to Select Two Courses from the following courses			
EBU 250	Digital Entrepreneurship	EBU 200	3
SCM 310	Supply Chain Management	MGT 361	3
EBU 490	Special Topics in e-Business	Complete 102 Credit Hours	3
EBU 495	Operations and Supply Chain Information Technology	SWS 351	3

iv. BBA in Entrepreneurship [30 Credits]

Course Code		Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (24 Credits)				
ENT	350	Building an Entrepreneurial Mindset and Strategy	ENT 242	3
ENT	351	Social Enterprise and Global Challenges	ENT 242	3
ENT	360	Corporate Entrepreneurship	ENT 242	3
ENT	361	Entrepreneurial Finance and Venture Capital	FIN 202	3
ENT	401	Internship in Entrepreneurship	ENT 350, ENT 360 + 90 Credit Hours & CGPA $\geq$ 2.0	3
ENT	470	Leadership for Entrepreneurs	ENT 350	3
ENT	471	Business Model Validation	MKT 201, HRM 210, ENT 361	3
ENT	480	Incubation Project	MGT 231, ENT 471 + Complete 90 credits	3
Elective Courses (06 Credits): Students are required to Select Two Courses from the following courses				
ENT	472	Small Business Management	ENT 242, MGT 320	3
ENT	473	Innovation Management	ENT 242, MGT 202	3
ENT	474	Entrepreneurial Marketing	ENT 242, MKT 201	3
ENT	475	Simulation Challenge	ENT 360, ENT 361	3

v. BBA in Human Resource Management [30 Credits]

Course Code		Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (24 Credits)				
HRM	202	Performance Management	HRM 210	3
HRM	303	Staffing	HRM 210	3
HRM	321	UAE Labor Law and Relations	HRM 210	3
HRM	370	Compensation Management	HRM 210, QBA 201	3
HRM	401	Internship in Human Resource Management	90 Credit Hours & CGPA $\geq$ 2.0	3
HRM	410	Human Resource Development	HRM 370	3
HRM	440	International Human Resources Management	HRM 210	3
HRM	470	Strategic Human Resource Management	HRM 202, HRM 370, HRM 410	3
Elective Courses (06 Credits): Students are required to Select Two Courses from the following courses				
HRM	260	Conflict Management	HRM 210	3
MGT	300	Managing Family Firms	MGT 202, MGT 220	3
HRM	421	Special Topics in HRM	HRM 210, HRM 303, HRM 321, HRM 370	3
MGT	416	Leadership	MGT 220	3

vi. BBA in International Business [30 Credits]

Course Code		Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (24 Credits)				
INB	300	International Economics	ECO 222	3
INB	330	International Finance	FIN 202	3
INB	401	Internship in International Business	90 Credit Hours & CGPA $\geq$ 2.0	3
INB	410	International Management	MGT 202	3
INB	420	Business Law	MGT 231	3
INB	440	Managing a Global Workforce	HRM 210	3
INB	450	International Accounting	ACT 212	3
INB	480	Global Business Strategy	INB 300, INB 330, INB 420, INB 450	3

Course Code	Course Title	Prerequisite	Cr. Hrs.
Elective Courses (06 Credits): Students are required to Select Two Courses from the following courses			
SCM 314	Global Supply Chain Management	MGT 361	3
INB 421	International Trade and Policy	INB 300, INB 360	3
INB 425	Cross Cultural Communication and Management	MGT 202	3
INB 430	Export Management	MGT 202	3

vii. BBA in Management [30 Credits]

Course Code	Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (24 Credits)			
MGT 350	Global Sustainable Management	MGT 202	3
MGT 362	Negotiation and Decision Making	HRM 210	3
MGT 370	Managing Diversity	MGT 202	3
MGT 401	Internship in Management	90 Credit Hours & CGPA $\geq$ 2.0	3
MGT 416	Leadership	MGT 220	3
MGT 471	Project Management	MGT 202	3
MGT 472	Organization Culture	MGT 202	3
MGT 480	Applications of AI in Business	MGT 301, SWS 351	3
Elective Courses (06 Credits): Students are required to Select Two Courses from the following courses			
MGT 324	Economic Sustainability	ECO 221, QBA 201	3
MGT 473	Workplace Mental Health and Wellbeing	MGT 220	3
MGT 474	Leading with Emotional Intelligence	MGT 220	3
MGT 475	Persuasion and Influence	MGT 362	3

viii. BBA in Marketing [30 Credits]

Course Code	Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (24 Credits)			
MKT 208	Consumer Behavior	MKT 201	3
MKT 301	Digital Marketing	MKT 201	3
MKT 306	Social Media Advertising	MKT 201	3
MKT 320	Retailing	MKT 201	3
MKT 401	Internship in Marketing	90 Credit Hours & CGPA $\geq$ 2.0	3
MKT 430	Marketing Research	MKT 208, MGT 301	3
MKT 465	International Marketing	MGT 361	3
MKT 466	Marketing Management	MGT 220, MKT 430	3
Elective Courses (06 Credits): Students are required to Select Two Courses from the following courses			
MKT 230	Professional Selling	MKT 201	3
MKT 350	Luxury Marketing	MKT 201	3
MKT 364	Services Marketing	MKT 201	3
MKT 371	Brand Marketing	MKT 201	3

Study Plan - BBA in Accounting and Finance

Sem.	Course Code		Course Title	Prerequisite	Cr. Hrs.
Semester 1	LNG	171	English I	None	3
	MTH	196	Mathematics for Business	None	3
	GED	102	AI in Modern Life	None	3
	MGT	202	Principles of Management	None	3
	ENT	141	Fundamentals of Innovation and Entrepreneurship 1	None	2
	Total				14
Semester 2	ACT	112	Principles of Accounting I	None	3
	ECO	221	Principles of Microeconomics	None	3
	LNG	172	English II	LNG 171	3
	QBA	201	Business Statistics	MTH 196	3
	GED	190	Emirati Studies	None	3
	ENT	142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
Total				16	
Semester 3	ACT	212	Principles of Accounting II	ACT 112	3
	ECO	222	Principles of Macroeconomics	None	3
	MKT	201	Principles of Marketing	LNG 171	3
	HRM	210	Human Resource Management	MGT 202	3
	ENT	241	Entrepreneurship 1	ENT 142	2
	Total				14
Semester 4	FIN	202	Principles of Finance	ACT 112	3
	MGT	210	Business Report Writing	LNG 172	3
	ACT	250	Fundamentals of Taxation	ACT 112	3
	MGT	220	Organizational Behavior	None	3
	ENT	242	Entrepreneurship 2	ENT 241	1
	MGT	301	Introduction to Business Analytics	QBA 201	3
Total				16	
Semester 5	MGT	302	Business Research Methodologies	MGT 301	3
	MGT	231	Legal Environment of Business	LNG 172, MGT 202	3
	INB	360	International Business	MGT 202	3
	SWS	351	Management Information Systems	GED 102	3
	FIN	310	Corporate Finance	FIN 202	3
	ACT	330	International Financial Reporting Standards	ACT 212	3
Total				18	
Semester 6	XXX	XXX	General Education Elective (1)		3
	MGT	361	Operations Management	MGT 202, MGT 301	3
	ACT	310	Management Accounting	ACT 212	3
	FIN	331	Portfolio Management	FIN 202, FIN 310	3
	FIN	332	Investment Analysis	FIN 202, FIN 310	3
	Total				15
Semester 7	XXX	XXX	General Education Elective (2)		3
	XXX	XXX	Core Elective		3
	GED	255	Critical Thinking and Problem Solving	LNG 172	3
	XXX	XXX	Major Elective (1)		3
	ACT	450	Auditing	ACT 310, ACT 330	3
	Total				15
Semester 8	MGT	470	Strategic Management	HRM 210, ECO 221, ECO 222, FIN 202, MKT 201, MGT 361 & 90 Cr. Hrs.	3
	MGT	404	Business Ethics and Social Responsibility	MGT 231	3
	XXX	XXX	Major Elective (2)		3
	ACT	430	Accounting Information Systems	ACT 212	3
	Total				12
Internship to be taken in summer after completion of 90 Cr. Hrs. + CGPA 2.0 or more					3
Total Credit Hours					123

Study Plan - BBA in Business Analytics

Sem.	Course Code		Course Title	Prerequisite	Cr. Hrs.
Semester 1	LNG	171	English I	None	3
	MTH	196	Mathematics for Business	None	3
	GED	102	AI in Modern Life	None	3
	MGT	202	Principles of Management	None	3
	ENT	141	Fundamentals of Innovation and Entrepreneurship 1	None	2
	Total				14
Semester 2	ACT	112	Principles of Accounting I	None	3
	ECO	221	Principles of Microeconomics	None	3
	LNG	172	English II	LNG 171	3
	QBA	201	Business Statistics	MTH 196	3
	GED	190	Emirati Studies	None	3
	ENT	142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
Total				16	
Semester 3	ACT	212	Principles of Accounting II	ACT 112	3
	ECO	222	Principles of Macroeconomics	None	3
	MKT	201	Principles of Marketing	LNG 171	3
	HRM	210	Human Resource Management	MGT 202	3
	ENT	241	Entrepreneurship 1	ENT 142	2
	Total				14
Semester 4	FIN	202	Principles of Finance	ACT 112	3
	BAN	205	Business Intelligence	None	3
	ACT	250	Fundamentals of Taxation	ACT 112	3
	MGT	220	Organizational Behavior	None	3
	ENT	242	Entrepreneurship 2	ENT 241	1
	MGT	301	Introduction to Business Analytics	QBA 201	3
Total				16	
Semester 5	MGT	302	Business Research Methodologies	MGT 301	3
	MGT	231	Legal Environment of Business	LNG 172, MGT 202	3
	INB	360	International Business	MGT 202	3
	SWS	351	Management Information Systems	GED 102	3
	MGT	210	Business Report Writing	LNG 172	3
	EBU	210	Introduction to Database Systems	EBU 200 or BAN 205	3
Total				18	
Semester 6	XXX	XXX	General Education Elective (1)		3
	MGT	361	Operations Management	MGT 202, MGT 301	3
	BAN	300	Data Management and Visualization	EBU 210	3
	BAN	305	Programming for Data Analytics	BAN 205	3
	BAN	310	Ethical and legal issues in Business Analytics	MGT 231	3
	Total				15
Semester 7	XXX	XXX	General Education Elective (2)		3
	XXX	XXX	Core Elective		3
	GED	255	Critical Thinking and Problem Solving	LNG 172	3
	BAN	XXX	Major Elective (1)		3
	FIN	329	Financial Technology	BAN 205	3
	Total				15
Semester 8	MGT	470	Strategic Management	HRM 210, ECO 221, ECO 222, FIN 202, MKT 201, MGT 361 & 90 Cr. Hrs.	3
	MGT	404	Business Ethics and Social Responsibility	MGT 231	3
	BAN	XXX	Major Elective (2)		3
	BAN	450	Business Consulting Project in Business Analytics	BAN 305 and 90 Cr. Hrs.	3
	Total				12
Internship to be taken in summer after completion of 90 Cr. Hrs. + CGPA 2.0 or more					3
Total Credit Hours					123

Study Plan - BBA in e-Business

Sem.	Course Code		Course Title	Prerequisite	Cr. Hrs.
Semester 1	LNG	171	English I	None	3
	MTH	196	Mathematics for Business	None	3
	GED	102	AI in Modern Life	None	3
	MGT	202	Principles of Management	None	3
	ENT	141	Fundamentals of Innovation and Entrepreneurship 1	None	2
	Total				14
Semester 2	ACT	112	Principles of Accounting I	None	3
	ECO	221	Principles of Microeconomics	None	3
	LNG	172	English II	LNG 171	3
	QBA	201	Business Statistics	MTH 196	3
	GED	190	Emirati Studies	None	3
	ENT	142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
Total				16	
Semester 3	ACT	212	Principles of Accounting II	ACT 112	3
	ECO	222	Principles of Macroeconomics	None	3
	MKT	201	Principles of Marketing	LNG 171	3
	HRM	210	Human Resource Management	MGT 202	3
	ENT	241	Entrepreneurship 1	ENT 142	2
	Total				14
Semester 4	FIN	202	Principles of Finance	ACT 112	3
	EBU	200	e-Business Fundamentals	None	3
	ACT	250	Fundamentals of Taxation	ACT 112	3
	MGT	220	Organizational Behavior	None	3
	ENT	242	Entrepreneurship 2	ENT 241	1
	MGT	301	Introduction to Business Analytics	QBA 201	3
Total				16	
Semester 5	MGT	302	Business Research Methodologies	MGT 301	3
	MGT	231	Legal Environment of Business	LNG 172, MGT 202	3
	INB	360	International Business	MGT 202	3
	SWS	351	Management Information Systems	GED 102	3
	MGT	210	Business Report Writing	LNG 172	3
	EBU	210	Introduction to Database Systems	EBU 200 or BAN 205	3
Total				18	
Semester 6	XXX	XXX	General Education Elective (1)		3
	MGT	361	Operations Management	MGT 202, MGT 301	3
	EBU	300	Information Security	EBU 200	3
	EBU	301	Systems Analysis and Design	SWS 351	3
	EBU	303	e-Business Web Technologies	EBU 210	3
	Total				15
Semester 7	XXX	XXX	General Education Elective (2)		3
	XXX	XXX	Core Elective		3
	GED	255	Critical Thinking and Problem Solving	LNG 172	3
	XXX	XXX	Major Elective (1)		3
	EBU	406	e-Business Project Management	MGT 361, SWS 351	3
	Total				15
Semester 8	MGT	470	Strategic Management	HRM 210, ECO 221, ECO 222, FIN 202, MKT 201, MGT 361 & 90 Cr. Hrs.	3
	MGT	404	Business Ethics and Social Responsibility	MGT 231	3
	XXX	XXX	Major Elective (2)		3
	EBU	450	e-Business Consulting Project	Final Semester	3
	Total				12
Internship to be taken in summer after completion of 90 Cr. Hrs. + CGPA 2.0 or more					3
Total Credit Hours					123

Study Plan - BBA in Entrepreneurship

Sem.	Course Code		Course Title	Prerequisite	Cr. Hrs.
Semester 1	LNG	171	English I	None	3
	MTH	196	Mathematics for Business	None	3
	GED	102	AI in Modern Life	None	3
	MGT	202	Principles of Management	None	3
	ENT	141	Fundamentals of Innovation and Entrepreneurship 1	None	2
	Total				14
Semester 2	ACT	112	Principles of Accounting I	None	3
	ECO	221	Principles of Microeconomics	None	3
	LNG	172	English II	LNG 171	3
	QBA	201	Business Statistics	MTH 196	3
	GED	190	Emirati Studies	None	3
	ENT	142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
	Total				16
Semester 3	ACT	212	Principles of Accounting II	ACT 112	3
	ECO	222	Principles of Macroeconomics	None	3
	MKT	201	Principles of Marketing	LNG 171	3
	HRM	210	Human Resource Management	MGT 202	3
	ENT	241	Entrepreneurship 1	ENT 142	2
	Total				14
Semester 4	FIN	202	Principles of Finance	ACT 112	3
	MGT	210	Business Report Writing	LNG 172	3
	ACT	250	Fundamentals of Taxation	ACT 112	3
	MGT	220	Organizational Behavior	None	3
	ENT	242	Entrepreneurship 2	ENT 241	1
	MGT	301	Introduction to Business Analytics	QBA 201	3
	Total				16
Semester 5	MGT	302	Business Research Methodologies	MGT 301	3
	MGT	231	Legal Environment of Business	LNG 172, MGT 202	3
	INB	360	International Business	MGT 202	3
	SWS	351	Management Information Systems	GED 102	3
	ENT	350	Building an Entrepreneurial Mindset and Strategy	ENT 242	3
	ENT	351	Social Enterprise and Global Challenges	ENT 242	3
	Total				18
Semester 6	XXX	XXX	General Education Elective (1)		3
	MGT	361	Operations Management	MGT 202, MGT 301	3
	ENT	360	Corporate Entrepreneurship	ENT 242	3
	ENT	361	Entrepreneurial Finance and Venture Capital	FIN 202	3
	ENT	470	Leadership for Entrepreneurs	ENT 350	3
	Total				15
Semester 7	XXX	XXX	General Education Elective (2)		3
	XXX	XXX	Core Elective		3
	GED	255	Critical Thinking and Problem Solving	LNG 172	3
	ENT	XXX	Major Elective (1)		3
	ENT	471	Business Model Validation	MKT 201, HRM 210, ENT 361	3
	Total				15
Semester 8	MGT	470	Strategic Management	HRM 210, ECO 221, ECO 222, FIN 202, MKT 201, MGT 361 & 90 Cr. Hrs.	3
	MGT	404	Business Ethics and Social Responsibility	MGT 231	3
	ENT	XXX	Major Elective (2)		3
	ENT	480	Incubation Project	MGT 231, ENT 471 + Complete 90 Cr. Hrs.	3
	Total				12
Internship to be taken in summer after completion of 90 Cr. Hrs. + CGPA 2.0 or more					3
Total Credit Hours					123

Study Plan - BBA in Human Resource Management

Sem.	Course Code		Course Title	Prerequisite	Cr. Hrs.
Semester 1	LNG	171	English I	None	3
	MTH	196	Mathematics for Business	None	3
	GED	102	AI in Modern Life	None	3
	MGT	202	Principles of Management	None	3
	ENT	141	Fundamentals of Innovation and Entrepreneurship 1	None	2
	Total				14
Semester 2	ACT	112	Principles of Accounting I	None	3
	ECO	221	Principles of Microeconomics	None	3
	LNG	172	English II	LNG 171	3
	QBA	201	Business Statistics	MTH 196	3
	GED	190	Emirati Studies	None	3
	ENT	142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
	Total				16
Semester 3	ACT	212	Principles of Accounting II	ACT 112	3
	ECO	222	Principles of Macroeconomics	None	3
	MKT	201	Principles of Marketing	LNG 171	3
	HRM	210	Human Resource Management	MGT 202	3
	ENT	241	Entrepreneurship 1	ENT 142	2
	Total				14
Semester 4	FIN	202	Principles of Finance	ACT 112	3
	MGT	210	Business Report Writing	LNG 172	3
	ACT	250	Fundamentals of Taxation	ACT 112	3
	MGT	220	Organizational Behavior	None	3
	ENT	242	Entrepreneurship 2	ENT 241	1
	MGT	301	Introduction to Business Analytics	QBA 201	3
	Total				16
Semester 5	MGT	302	Business Research Methodologies	MGT 301	3
	MGT	231	Legal Environment of Business	LNG 172, MGT 202	3
	INB	360	International Business	MGT 202	3
	SWS	351	Management Information Systems	GED 102	3
	HRM	303	Staffing	HRM 210	3
	HRM	321	UAE Labor Law and Relations	HRM 210	3
	Total				18
Semester 6	XXX	XXX	General Education Elective (1)		3
	MGT	361	Operations Management	MGT 202, MGT 301	3
	HRM	202	Performance Management	HRM 210	3
	HRM	370	Compensation Management	HRM 210, QBA 201	3
	HRM	440	International Human Resource Management	HRM 210	3
	Total				15
Semester 7	XXX	XXX	General Education Elective (2)		3
	XXX	XXX	Core Elective		3
	GED	255	Critical Thinking and Problem Solving	LNG 172	3
	XXX	XXX	Major Elective (1)		3
	HRM	410	Human Resource Development	HRM 370	3
	Total				15
Semester 8	MGT	470	Strategic Management	HRM 210, ECO 221, ECO 222, FIN 202, MKT 201, MGT 361 & 90 Cr. Hrs.	3
	MGT	404	Business Ethics and Social Responsibility	MGT 231	3
	XXX	XXX	Major Elective (2)		3
	HRM	470	Strategic Human Resource Management	HRM 202, HRM 370, HRM 410	3
	Total				12
Internship to be taken in summer after completion of 90 Cr. Hrs. + CGPA 2.0 or more					3
Total Credit Hours					123

Study Plan - BBA in International Business

Sem.	Course Code		Course Title	Prerequisite	Cr. Hrs.
Semester 1	LNG	171	English I	None	3
	MTH	196	Mathematics for Business	None	3
	GED	102	AI in Modern Life	None	3
	MGT	202	Principles of Management	None	3
	ENT	141	Fundamentals of Innovation and Entrepreneurship 1	None	2
	Total				14
Semester 2	ACT	112	Principles of Accounting I	None	3
	ECO	221	Principles of Microeconomics	None	3
	LNG	172	English II	LNG 171	3
	QBA	201	Business Statistics	MTH 196	3
	GED	190	Emirati Studies	None	3
	ENT	142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
	Total				16
Semester 3	ACT	212	Principles of Accounting II	ACT 112	3
	ECO	222	Principles of Macroeconomics	None	3
	MKT	201	Principles of Marketing	LNG 171	3
	HRM	210	Human Resource Management	MGT 202	3
	ENT	241	Entrepreneurship 1	ENT 142	2
	Total				14
Semester 4	FIN	202	Principles of Finance	ACT 112	3
	MGT	210	Business Report Writing	LNG 172	3
	ACT	250	Fundamentals of Taxation	ACT 112	3
	MGT	220	Organizational Behavior	None	3
	ENT	242	Entrepreneurship 2	ENT 241	1
	MGT	301	Introduction to Business Analytics	QBA 201	3
	Total				16
Semester 5	MGT	302	Business Research Methodologies	MGT 301	3
	MGT	231	Legal Environment of Business	LNG 172, MGT 202	3
	INB	360	International Business	MGT 202	3
	SWS	351	Management Information Systems	GED 102	3
	INB	300	International Economics	ECO 222	3
	INB	330	International Finance	FIN 202	3
	Total				18
Semester 6	XXX	XXX	General Education Elective (1)		3
	MGT	361	Operations Management	MGT 202, MGT 301	3
	INB	420	Business Law	MGT 231	3
	INB	440	Managing a Global Workforce	HRM 210	3
	INB	450	International Accounting	ACT 212	3
	Total				15
Semester 7	XXX	XXX	General Education Elective (2)		3
	XXX	XXX	Core Elective		3
	GED	255	Critical Thinking and Problem Solving	LNG 172	3
	XXX	XXX	Major Elective (1)		3
	INB	410	International Management	MGT 202	3
	Total				15
Semester 8	MGT	470	Strategic Management	HRM 210, ECO 221, ECO 222, FIN 202, MKT 201, MGT 361 & 90 Cr. Hrs.	3
	MGT	404	Business Ethics and Social Responsibility	MGT 231	3
	XXX	XXX	Major Elective (2)		3
	INB	480	Global Business Strategy	INB 300, INB 330, INB 420, INB 450	3
	Total				12
Internship to be taken in summer after completion of 90 Cr. Hrs. + CGPA 2.0 or more					3
Total Credit Hours					123

Study Plan - BBA in Management

Sem.	Course Code		Course Title	Prerequisite	Cr. Hrs.
Semester 1	LNG	171	English I	None	3
	MTH	196	Mathematics for Business	None	3
	GED	102	AI in Modern Life	None	3
	MGT	202	Principles of Management	None	3
	ENT	141	Fundamentals of Innovation and Entrepreneurship 1	None	2
	Total				14
Semester 2	ACT	112	Principles of Accounting I	None	3
	ECO	221	Principles of Microeconomics	None	3
	LNG	172	English II	LNG 171	3
	QBA	201	Business Statistics	MTH 196	3
	GED	190	Emirati Studies	None	3
	ENT	142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
	Total				16
Semester 3	ACT	212	Principles of Accounting II	ACT 112	3
	ECO	222	Principles of Macroeconomics	None	3
	MKT	201	Principles of Marketing	LNG 171	3
	HRM	210	Human Resource Management	MGT 202	3
	ENT	241	Entrepreneurship 1	ENT 142	2
	Total				14
Semester 4	FIN	202	Principles of Finance	ACT 112	3
	MGT	210	Business Report Writing	LNG 172	3
	ACT	250	Fundamentals of Taxation	ACT 112	3
	MGT	220	Organizational Behavior	None	3
	ENT	242	Entrepreneurship 2	ENT 241	1
	MGT	301	Introduction to Business Analytics	QBA 201	3
	Total				16
Semester 5	MGT	302	Business Research Methodologies	MGT 301	3
	MGT	231	Legal Environment of Business	LNG 172, MGT 202	3
	INB	360	International Business	MGT 202	3
	SWS	351	Management Information Systems	GED 102	3
	MGT	370	Managing Diversity	MGT 202	3
	MGT	416	Leadership	MGT 220	3
	Total				18
Semester 6	XXX	XXX	General Education Elective (1)		3
	MGT	361	Operations Management	MGT 202, MGT 301	3
	MGT	472	Organization Culture	MGT 202	3
	MGT	350	Global Sustainable Management	MGT 202	3
	MGT	362	Negotiation and Decision Making	HRM 210	3
	Total				15
Semester 7	XXX	XXX	General Education Elective (2)		3
	XXX	XXX	Core Elective		3
	GED	255	Critical Thinking and Problem Solving	LNG 172	3
	MGT	XXX	Major Elective (1)		3
	MGT	471	Project Management	MGT 202	3
	Total				15
Semester 8	MGT	470	Strategic Management	HRM 210, ECO 221, ECO 222, FIN 202, MKT 201, MGT 361 & 90 Cr. Hrs.	3
	MGT	404	Business Ethics and Social Responsibility	MGT 231	3
	MGT	XXX	Major Elective (2)		3
	MGT	480	Applications of AI in Business	MGT 301, SWS 351	3
	Total				12
Internship to be taken in summer after completion of 90 Cr. Hrs. + CGPA 2.0 or more					3
Total Credit Hours					123

Study Plan - BBA in Marketing

Sem.	Course Code		Course Title	Prerequisite	Cr. Hrs.
Semester 1	LNG	171	English I	None	3
	MTH	196	Mathematics for Business	None	3
	GED	102	AI in Modern Life	None	3
	MGT	202	Principles of Management	None	3
	ENT	141	Fundamentals of Innovation and Entrepreneurship 1	None	2
	Total				14
Semester 2	ACT	112	Principles of Accounting I	None	3
	ECO	221	Principles of Microeconomics	None	3
	LNG	172	English II	LNG 171	3
	QBA	201	Business Statistics	MTH 196	3
	GED	190	Emirati Studies	None	3
	ENT	142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
	Total				16
Semester 3	ACT	212	Principles of Accounting II	ACT 112	3
	ECO	222	Principles of Macroeconomics	None	3
	MKT	201	Principles of Marketing	LNG 171	3
	HRM	210	Human Resource Management	MGT 202	3
	ENT	241	Entrepreneurship 1	ENT 142	2
	Total				14
Semester 4	FIN	202	Principles of Finance	ACT 112	3
	MGT	210	Business Report Writing	LNG 172	3
	ACT	250	Fundamentals of Taxation	ACT 112	3
	MGT	220	Organizational Behavior	None	3
	ENT	242	Entrepreneurship 2	ENT 241	1
	MGT	301	Introduction to Business Analytics	QBA 201	3
	Total				16
Semester 5	MGT	302	Business Research Methodologies	MGT 301	3
	MGT	231	Legal Environment of Business	LNG 172, MGT 202	3
	INB	360	International Business	MGT 202	3
	SWS	351	Management Information Systems	GED 102	3
	MKT	208	Consumer Behavior	MKT 201	3
	MKT	301	Digital Marketing	MKT 201	3
	Total				18
Semester 6	XXX	XXX	General Education Elective (1)		3
	MGT	361	Operations Management	MGT 202, MGT 301	3
	MKT	XXX	Major Elective (1)		3
	MKT	306	Social Media Advertising	MKT 201	3
	MKT	320	Retailing	MKT 201	3
	Total				15
Semester 7	XXX	XXX	General Education Elective (2)		3
	XXX	XXX	Core Elective		3
	GED	255	Critical Thinking and Problem Solving	LNG 172	3
	MKT	465	International Marketing	MGT 361	3
	MKT	430	Marketing Research	MKT 208, MGT 301	3
	Total				15
Semester 8	MGT	470	Strategic Management	HRM 210, ECO 221, ECO 222, FIN 202, MKT 201, MGT 361 & 90 Cr. Hrs.	3
	MGT	404	Business Ethics and Social Responsibility	MGT 231	3
	MKT	XXX	Major Elective (2)		3
	MKT	466	Marketing Management	MGT 220, MKT 430	3
	Total				12
Internship to be taken in summer after completion of 90 Cr. Hrs. + CGPA 2.0 or more					3
Total Credit Hours					123

22.7 Department of Graduate Programs

22.7.1 Master of Business Administration

The Master of Business Administration (MBA) program provides advanced education in management and leadership across diverse business contexts. The curriculum integrates fundamental disciplines such as finance, marketing, human resources, ethics, and sustainability, while offering four specialized focus areas:

- General Management
- Finance
- Digital Marketing
- Talent Management Leadership

Each focus area covers both theoretical knowledge and applied skills, enabling students to address complex business challenges with innovative and sustainable solutions. Students specializing in General Management develop cross-functional leadership abilities to analyze strategic and operational decisions and implement organizational change in local and international contexts. The Finance focus area builds advanced competencies in financial management, investment analysis, and risk management to support strategic decision-making. The Digital Marketing specialization covers up-to-date knowledge of digital platforms, analytics, and technologies to design effective marketing strategies. The Talent Management Leadership focus area trains students in strategic leadership, human capital development, and inclusive workforce management. Across all tracks, students strengthen critical thinking, problem-solving, teamwork, and communication skills while addressing the ethical, cultural, and global dimensions of management.

Graduates of this program are prepared for leadership and senior positions in multinational corporations, government agencies, and international organizations such as:

- Business Consultant
- Financial Manager
- Investment Analyst
- Digital Marketing Strategist
- Human Resource Director
- Operations Manager

a) Program Learning Outcomes (PLOs)

Upon successful completion of the program the student will be able to:

Common to All Focus Areas

1. Demonstrate in-depth knowledge of fundamental business disciplines in human resources, finance, marketing, ethics and sustainability perspectives for managing organizations in complex environments.
2. Develop a critical thinking of various theories, models, and techniques and their applicability in dynamic business environments.
3. Apply functional knowledge to analyze and evaluate managerial options and decisions at the strategic and operational levels of an organization.
4. Analyze relevant data and information using qualitative and quantitative approaches to inform decision-making.
5. Integrate new knowledge and conduct empirical research to address complex and unpredictable management challenges that demand innovative solutions.

6. Perform effectively as a team member and leader, utilizing organization's resources to effectively implement strategic and innovative goals.
7. Embrace the complexity of ethical, cultural, and social implications in organization's business and management practices.

MBA - General Management (GM)

8. Demonstrate a comprehensive expertise in organizational sustainable development principles and methodologies to facilitate sustainable change within diverse organizational contexts.
9. Analyze the complexities of international business environments to develop and implement effective global business strategies.

MBA - Finance

8. Demonstrate in depth knowledge of financial management theories, financial analysis and sustainability, investment management, risk management.
9. Construct feasible, sustainable, and innovative solutions to complex investing and financing problems using various financial instruments and techniques.

MBA - Digital Marketing (DM)

8. Demonstrate in-depth and up-to-date knowledge in digital marketing to design an effective and competitive marketing strategy.
9. Develop strategies to use analytics and modern technologies to compete in competitive and dynamic environments related to digital marketing.

MBA - Talent Management Leadership (TML)

8. Apply various strategic leadership theories and practical models to effectively manage and develop an organization's human capital with the aim of creating a competitive advantage.
9. Design effective talent management strategies for talent acquisition, development, and performance management conducive to a sustainable, diverse, and inclusive organizational culture.

b) Program Learning Outcomes (PLOs) Alignment with QF-Emirates

PLOs	Knowledge	Skills	Aspects of Competence		
			Autonomy & Responsibility	Role in Context	Self-Development
PLO1	✓				
PLO2	✓	✓			
PLO3		✓	✓		
PLO4		✓			
PLO5		✓			✓
PLO6		✓	✓		
PLO7			✓	✓	✓
PLO8 (GM)	✓				✓
PLO9 (GM)		✓	✓	✓	
PLO8 (F)	✓				✓
PLO9 (F)		✓	✓	✓	✓
PLO8 (DM)	✓				
PLO9 (DM)		✓	✓	✓	✓
PLO8 (TM)	✓			✓	
PLO9 (TM)		✓	✓	✓	✓

c) Master of Business Administration (MBA) Program Requirements

Requirements	Compulsory Cr. Hrs.	Elective Cr. Hrs.	Total Cr. Hrs.
Program Core Requirements (Core Courses)	21	06	27
Focus Area Requirements (MBA students are required to select one of the following Focus Areas)			
i. General Management (GM)	-	09	09
ii. Finance			
iii. Digital Marketing (DM)			
iv. Talent Management Leadership (TML)			
Total	21	15	36

Program Core Requirements [Core Courses - 27 Credits]

Course Code	Course Title	Prerequisite	Cr. Hrs.
MBA 640	Accounting for Decision Making	None	3
MBA 642	Managerial Finance	None	3
MBA 643	Business Research Methods	None	3
MBA 645	Marketing Management	None	3
MBA 648	Business Strategy	MBA 640, MBA 642, MBA 643, MBA 645	3
MBA 649	Business Ethics and Sustainability	None	3
MBA 651	Organizational Behaviour	None	3
Research Project (Students are required to select One of the following two research projects.)			
MBA 700	Applied Research Project	Complete 21 Cr. Hrs. & CGPA of at least 3.0	6
MBA 710	Applied Consulting Project	Complete 21 Cr. Hrs. & CGPA of at least 3.0	6

Focus Area Requirements [09 Credits]

Canadian University Dubai's MBA program provides students with a strong analytical foundation in the fundamental aspects of management. In addition, students are free to specialize in one of the following Focus Areas.

i. General Management (GM) [09 Credits]

Students are required to select Three (03) courses from the following courses.

Course Code	Course Title	Prerequisite	Cr. Hrs.
MBA 675	Management of Technology and Innovation	None	3
MBA 676	Organizational Development and Sustainable Change	MBA 651	3
MBA 677	Strategic Leadership	MBA 651	3
MBA 678	Human Resource Development	MBA 651	3
MBA 679	Talent Management and Motivation	MBA 651	3

ii. Finance [09 Credits]

Students are required to select Three (03) courses from the following courses.

Course Code	Course Title	Prerequisite	Cr. Hrs.
MBA 681	Corporate Finance	MBA 642	3
MBA 686	Derivatives	MBA 642	3
MBA 687	Investment Analysis	MBA 642	3
MBA 688	Financial Statement Analysis and Sustainability	MBA 642	3
MBA 689	Portfolio Management	MBA 687	3

iii. Digital Marketing (DM) [09 Credits]

Students are required to select Three (03) courses from the following courses.

Course Code	Course Title	Prerequisite	Cr. Hrs.
MBA 690	Sustainable Marketing and Digital Branding	MBA 645	3
MBA 693	Business Marketing	MBA 645	3
MBA 697	Global Digital Marketing	MBA 645	3
MBA 698	Digital Products and Services	MBA 645	3
MBA 699	Consumer Behaviour	MBA 645	3

iv. Talent Management Leadership (TML) [09 Credits]

Students are required to select Three (03) courses from the following courses.

Course Code	Course Title	Prerequisite	Cr. Hrs.
MBA 660	People Analytics	MBA 643, MBA 651	3
MBA 668	International Human Resource Management	MBA 651	3
MBA 669	Strategic Talent Management	MBA 651	3
MBA 677	Strategic Leadership	MBA 651	3
MBA 679	Talent Management and Motivation	MBA 651	3

Study Plan - MBA (Focus Area - General Management)

Semester	Course Code	Course Title	Prerequisite	Cr. Hrs.
Semester 1	MBA 642	Managerial Finance	None	3
	MBA 643	Business Research Methods	None	3
	MBA 645	Marketing Management	None	3
	MBA 651	Organizational Behaviour	None	3
	Total			12
Semester 2	MBA 640	Accounting for Decision Making	None	3
	MBA 649	Business Ethics and Sustainability	None	3
	MBA XXX	GM Focus Area Elective (1)		3
	MBA XXX	GM Focus Area Elective (2)		3
	Total			12
Semester 3	MBA 648	Business Strategy	MBA 640, MBA 642, MBA 643, MBA 645	3
	MBA XXX	GM Focus Area Elective (3)		3
	MBA 700 or MBA 710	Applied Research Project or Applied Consulting Project	Complete 21 Cr. Hrs. & CGPA of at least 3.0	6
	Total			12
Total				36

Study Plan - MBA (Focus Area - Finance)

Semester	Course Code	Course Title	Prerequisite	Cr. Hrs.
Semester 1	MBA 642	Managerial Finance	None	3
	MBA 643	Business Research Methods	None	3
	MBA 645	Marketing Management	None	3
	MBA 651	Organizational Behaviour	None	3
	Total			12
Semester 2	MBA 640	Accounting for Decision Making	None	3
	MBA 649	Business Ethics and Sustainability	None	3
	MBA XXX	Finance Focus Area Elective (1)		3
	MBA XXX	Finance Focus Area Elective (2)		3
	Total			12
Semester 3	MBA 648	Business Strategy	MBA 640, MBA 642, MBA 643, MBA 645	3
	MBA XXX	Finance Focus Area Elective (3)		3
	MBA 700 or MBA 710	Applied Research Project or Applied Consulting Project	Complete 21 Cr. Hrs. & CGPA of at least 3.0	6
	Total			12
Total				36

Study Plan - MBA (Focus Area - Digital Marketing)

Semester	Course Code	Course Title	Prerequisite	Cr. Hrs.
Semester 1	MBA 642	Managerial Finance	None	3
	MBA 643	Business Research Methods	None	3
	MBA 645	Marketing Management	None	3
	MBA 651	Organizational Behaviour	None	3
	Total			12
Semester 2	MBA 640	Accounting for Decision Making	None	3
	MBA 649	Business Ethics and Sustainability	None	3
	MBA XXX	DM Focus Area Elective (1)		3
	MBA XXX	DM Focus Area Elective (2)		3
	Total			12
Semester 3	MBA 648	Business Strategy	MBA 640, MBA 642, MBA 643, MBA 645	3
	MBA XXX	DM Focus Area Elective (3)		3
	MBA 700 or MBA 710	Applied Research Project or Applied Consulting Project	Complete 21 Cr. Hrs. & CGPA of at least 3.0	6
	Total			12
Total				36

Study Plan - MBA (Focus Area - Talent Management Leadership)

Semester	Course Code	Course Title	Prerequisite	Cr. Hrs.
Semester 1	MBA 642	Managerial Finance	None	3
	MBA 643	Business Research Methods	None	3
	MBA 645	Marketing Management	None	3
	MBA 651	Organizational Behaviour	None	3
	Total			12
Semester 2	MBA 640	Accounting for Decision Making	None	3
	MBA 649	Business Ethics and Sustainability	None	3
	MBA XXX	TML Focus Area Elective (1)		3
	MBA XXX	TML Focus Area Elective (2)		3
	Total			12
Semester 3	MBA 648	Business Strategy	MBA 640, MBA 642, MBA 643, MBA 645	3
	MBA XXX	TML Focus Area Elective (3)		3
	MBA 700 or MBA 710	Applied Research Project or Applied Consulting Project	Complete 21 Cr. Hrs. & CGPA of at least 3.0	6
	Total			12
Total				36

22.7.2 Master in Information Technology Management

The Master in Information Technology Management (MITM) program equips students with advanced knowledge and skills to integrate business and IT strategies in complex and global contexts. The curriculum develops competencies in IT governance, strategic IT planning, blockchain technology, and IT services and operations, while also strengthening research, finance, and ethical decision-making foundations. Students gain experience in applying quantitative and qualitative methods to address IT management challenges, evaluating initiatives against professional standards, and analyzing the broader ethical, cultural, and social implications of IT practices. In addition to completing core courses and a dissertation, students select one of two elective options:

- Data Analytics
- Digital Transformation

Data Analytics option emphasizes on data science, analytics, and business intelligence, while the **Digital Transformation** option focuses on cloud computing, edge and fog computing, and cybersecurity. Both options prepare students to design innovative solutions that support organizational performance and long-term sustainability.

Graduates of this program are prepared for leadership roles such as Chief Information Officer, Chief Technology Officer, IT Project Manager, and Data Center Manager.

a) Program Learning Outcomes (PLOs)

Upon successful completion of the program the student will be able to:

1. Demonstrate in depth knowledge of major theories, models and techniques to align business and IT strategies in dynamic global contexts.
2. Recognize the different types of indicators of strategic performance.
3. Apply analytical quantitative and qualitative methods to solve highly complex challenges in IT management environment.

4. Demonstrate effective communication skills through oral presentation, discussions, and reports writing.
5. Apply advanced skills in analyzing and assessing complex IT management initiatives while respecting professional standards
6. Demonstrate autonomy in evaluating IT management problems, managing professional practices to build and transform socio-cultural norms to deal with highly complex challenges within the IT governance environment.
7. Perform effectively both as a team member and as individual contributor, to achieve business and IT strategic goals in dynamic and global contexts.
8. Develop personal effectiveness, demonstrate a high level of curiosity and integrity to independently manage the complexity of ethical, cultural and social implications in organizations' business and IT management practices.

b) Program Learning Outcomes (PLOs) Alignment with QF-Emirates

PLOs	Knowledge	Skills	Aspects of Competence		
			Autonomy & Responsibility	Role in Context	Self-Development
PLO1	✓				
PLO2	✓				
PLO3		✓			
PLO4		✓			
PLO5		✓			
PLO6			✓		
PLO7				✓	
PLO8					✓

c) Master in Information Technology Management (MITM) Program Requirements

Requirements	Compulsory Cr. Hrs.	Elective Cr. Hrs.	Total Cr. Hrs.
Program Core Requirements (Core Courses)	27	09	36
Total	27	09	36

Program Core Requirements [Core Courses - 27 Credits]

Course Code	Course Title	Prerequisite	Cr. Hrs.
MBA 642	Managerial Finance	None	3
MBA 643	Business Research Methods	None	3
MBA 649	Business Ethics and Sustainability	None	3
MIT 602	IT Services and Operations	None	3
MIT 604	Blockchain Technology	None	3
MIT 606	IT Governance and Management	None	3
MIT 607	Strategic IT Planning	None	3
MIT 700	Dissertation	Complete 18 Cr. Hrs. & CGPA ≥ 3.00	6

NB: MBA 642, MBA 643, and MBA 649 are shared courses with MBA program

Electives Courses [09 Credits]

Students must complete either 3 courses in Data Analytics or 3 courses in Digital Transformation, depending on their interest and offerings which depend on the size of the cohort and

Undergraduate background. The set of Elective courses will be offered only if the cohort includes a sufficient number of students holders of Bachelor degree in Computing or related.

Data Analytics Elective Courses [09 Credits]

Course Code	Course Title	Prerequisite	Cr. Hrs.
MIT 621	Data Sciences	None	3
MIT 622	Data Analytics for Managers	MIT 621	3
MIT 623	Business Intelligence	None	3

Digital Transformation Elective Courses [09 Credits]

Course Code	Course Title	Prerequisite	Cr. Hrs.
MIT 631	Cloud Computing	None	3
MIT 632	Edge and Fog Computing	MIT 631	3
MIT 633	Cybersecurity	None	3

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

Study Plan - Master in Information Technology Management

Sem.	Course Code		Course Title	Prerequisite	Cr. Hrs.
Semester 1	MBA	643	Business Research Methods	None	3
	MIT	602	IT Services and Operations	None	3
	MBA	649	Business Ethics and Sustainability	None	3
	MIT	XXX	Elective Course (1)		3
	Total				12
Semester 2*	MBA	642	Managerial Finance	None	3
	MIT	604	Blockchain Technology	None	3
	MIT	606	IT Governance and Management	None	3
	MIT	XXX	Elective Course (2)		3
	Total				12
Semester 3	MIT	607	Strategic IT Planning	None	3
	MIT	XXX	Elective Course (3)	None	3
	MIT	700	Dissertation*	Complete 18 Cr. Hrs. & CGPA ≥ 3.00	6
	Total				12
Total					36

* Research topics and research proposal of the dissertation must be approved before the end of Semester 2.

22.7.3 Master of Science in Business Analytics

Description:

The Master of Science in Business Analytics (MScBA) program provides students with advanced knowledge of business analytics theories, methods, and tools to address complex organizational and industry challenges. The curriculum emphasizes on data-driven decision-making, sustainable business solutions, and the ethical use of analytics in line with global regulatory frameworks. Students gain the ability to apply advanced techniques and emerging technologies to generate actionable insights, evaluate complex datasets, and design innovative strategies that improve business performance. The program also strengthens communication and leadership skills,

preparing graduates to present analytical findings effectively to both technical and non-technical audiences and to collaborate within multidisciplinary teams. Lifelong learning is encouraged to ensure adaptability to evolving trends in analytics and technology. To demonstrate autonomy in research and problem-solving, students complete either a Dissertation or an Applied Research Project after fulfilling core course requirements.

Benefits to the Graduate:

- Gaining advanced competencies in data analysis, machine learning, and business intelligence, making them highly competitive in a data-driven job market.
- Career Advancement Opportunities.
- Strategic Decision-Making Capabilities.
- Cross-Functional Versatility.
- Enhanced Problem-Solving and Innovation.

Benefits to the Organization:

- Improved Decision-Making.
- Increased Operational Efficiency.
- Competitive Advantage.
- Risk Management and Forecasting.
- Cultural Shift Towards Data-Driven Culture.

Career Opportunities:

Master of Science in Business analytics prepares graduates to work in a wide range of management and analytical roles across sectors like finance, healthcare, technology, retail, and government., including:

- Business Intelligence Analyst
- Data Scientist
- Data Manager
- Chief Analytics Officer
- Chief Operations Analyst
- Information Architect
- Data Modeler

a) Program Learning Outcomes (PLOs)

Upon successful completion of the program the student will be able to:

1. Demonstrate advanced knowledge of business analytics theories and methodologies to address complex industry challenges.
2. Apply cutting-edge analytics techniques and tools for sustainable business solutions.
3. Articulate complex business insights persuasively to technical and non-technical stakeholders.
4. Develop innovative entrepreneurial strategies by critically evaluating data-driven insights to enhance business performance.
5. Implement data governance and ethical principles to ensure compliance with global regulatory standards.

6. Perform effectively as a leader or a team member in multidisciplinary settings leveraging emerging technologies to achieve strategic outcomes.
7. Engage in lifelong learning to anticipate and adapt to evolving business analytics challenges and trends.

b) Master of Science in Business Analytics (MScBA) Program Requirements

Requirements	Compulsory Cr. Hrs.	Elective Cr. Hrs.	Total Cr. Hrs.
Program Core Requirements (Core Courses)	18	06	24
Dissertation or Applied Research Project	06	-	06
Total	24	06	30

Program Core Courses Requirements [24 Credits]

Course Code	Course Title	Prerequisite	Cr. Hrs.
Compulsory Core Courses (18 Credit Hours)			
MBN 601	Data Management and Visualization	None	3
MBN 602	Statistics for Data Analytics	None	3
MBN 603	Programming for Data Analytics	None	3
MBN 604	Information Assurance	MBN 601	3
MIT 621	Data Sciences	None	3
MIT 622	Data Analytics for Managers	MIT 621	3
Elective Courses (06 Credits): Students are required to select TWO Courses from the following courses			
MBN 605	Contemporary Topics in Business Analytics	MBN 601	3
MBN 606	Data Governance and Knowledge Management	MBN 601	3
MIT 623	Business Intelligence	None	3

Dissertation Requirements [06 Credits]

(Students are required to select either Dissertation or Applied Research Project.)

Course Code	Course Title	Prerequisite	Cr. Hrs.
MBN 700	Dissertation	Completion of 18 Cr. Hrs.	6
MBN 710	Applied Research Project	Completion of 18 Cr. Hrs.	6

Study Plan - Master of Science in Business Analytics (MScBA)

Semester	Course Code		Subject Title	Prerequisite	Cr. Hrs.
Semester 1	Cycle 1				
	MBN	601	Data Management and Visualization	None	3
	MBN	602	Statistics for Data Analytics	None	3
	Cycle 2				
	MBN	603	Programming for Data Analytics	None	3
	MBN	xxx	Elective 1		3
	Total Semester Credit Hours				12
Semester 2	Cycle 1				
	MIT	621	Data Sciences	None	3
	MBN	604	Information Assurance	MBN 601	3
	Cycle 2				
	MIT	622	Data Analytics for Managers	MIT 621	3
	MBN	xxx	Elective 2		3
	Total Semester Credit Hours				12
Semest er 3	MBN	700*	Dissertation	Completion of 18 Cr. Hrs.	6
	MBN	710*	Applied Research Project	Completion of 18 Cr. Hrs.	6
	Total Semester Credit Hours				6
	Total Credits				30

* Students are required to select either MBN 700 or MBN 710.

22.7.4 Postgraduate Diploma in Business Analytics

Description:

The Postgraduate diploma in Business Analytics (PGDBA) is a graduate-level program designed to equip students with the advanced analytical and technical skills needed to transform data into actionable business insights. It integrates knowledge from statistics, data science, information systems, and business strategy to support data-driven decision-making in modern enterprises.

Benefits to the Graduate:

- Gaining advanced competencies in data analysis, machine learning, and business intelligence, making them highly competitive in a data-driven job market.
- Career Advancement Opportunities.
- Strategic Decision-Making Capabilities.
- Cross-Functional Versatility.
- Enhanced Problem-Solving and Innovation.

Benefits to the Organization:

- Improved Decision-Making.
- Increased Operational Efficiency
- Competitive Advantage.
- Risk Management and Forecasting.
- Cultural Shift Towards Data-Driven Culture

Career Opportunities:

Postgraduate diploma in Business Analytics prepares graduates to work in a wide range of management and analytical roles across sectors like finance, healthcare, technology, retail, and government, including:

- Business Intelligence Analyst
- Data Scientist
- Data Manager
- Chief Analytics Officer
- Chief Operations Analyst
- Information Architect
- Data Modeler

Postgraduate Diploma in Business Analytics Program Requirements

Requirements	Compulsory Cr. Hrs.	Elective Cr. Hrs.	Total Cr. Hrs.
Program Core Requirements (Core Courses)	18	06	24
Total	18	06	24

Program Requirements [24 Credits]

Course Code	Course Title	Prerequisite	Cr. Hrs.
Compulsory Core Courses (18 Credit Hours)			
MBN 601	Data Management and Visualization	None	3
MBN 602	Statistics for Data Analytics	None	3
MBN 603	Programming for Data Analytics	None	3
MBN 604	Information Assurance	MBN 601	3
MIT 621	Data Sciences	None	3
MIT 622	Data Analytics for Managers	MIT 621	3
Elective Courses (06 Credits): Students are required to select TWO Courses from the following courses			
MBN 605	Contemporary Topics in Business Analytics	MBN 601	3
MBN 606	Data Governance and Knowledge Management	MBN 601	3
MIT 623	Business Intelligence	None	3

Study Plan - Postgraduate Diploma in Business Analytics

Semester	Course Code		Subject Title	Prerequisite	Cr. Hrs.
Semester 1	Cycle 1				
	MBN	601	Data Management and Visualization	None	3
	MBN	602	Statistics for Data Analytics	None	3
	Cycle 2				
	MBN	603	Programming for Data Analytics	None	3
	MBN	XXX	Elective 1		3
	Total Semester Credit Hours				12
Semester 2	Cycle 1				
	MIT	621	Data Sciences	None	3
	MBN	604	Information Assurance	MBN 601	3
	Cycle 2				
	MIT	622	Data Analytics for Managers	MIT 621	3
	MBN	XXX	Elective 2		3
	Total Semester Credit Hours				12
	Total Credits				24

22.7.5 Master of Science in Financial Technology

Description:

The Master of Science in Financial Technology (MScFT) is a graduate program designed to prepare future finance professionals, innovators, and business leaders to operate at the intersection of finance, technology, and innovation. The program equips students with the expertise, strategic insight, and applied knowledge needed to connect emerging financial technologies with traditional financial systems, data-driven decision-making, and real-world business applications.

The curriculum combines strong academic rigor with practical relevance, covering key areas such as blockchain, digital payments, data analytics, innovation, and regulatory compliance. In response to the growing global demand for FinTech professionals, the program emphasizes not only technological capability, but also ethical responsibility, critical thinking, and strategic leadership required to navigate an increasingly dynamic financial landscape.

The program also offers a flexible hybrid delivery model, with four courses delivered in hybrid mode and the remaining courses offered on campus, providing students with greater accessibility and study flexibility. In addition, it includes a flexible study pathway with an exit option leading to the Postgraduate Diploma in Financial Technology (PGDFT), which recognizes intermediate-level academic achievement in the field.

Benefits:

- **Interdisciplinary and future-focused curriculum:** The program is designed at the intersection of finance, technology, and innovation, giving students a well-rounded understanding of how emerging technologies are transforming financial services. It combines financial knowledge with digital capabilities, analytical thinking, and business insight to prepare graduates for a rapidly evolving market.
- **Strong industry relevance and market alignment:** The curriculum is developed in close collaboration with industry experts and is aligned with the evolving needs of today's financial

sector, including digital banking, blockchain, digital payments, data analytics, and cybersecurity in finance. This ensures that students develop knowledge and skills that are relevant to current industry expectations and future market demand in Dubai and beyond. Also, a partnership with FINTECH.TV, New York, gives students direct access to industry experts in finance, blockchain, and digital innovation through professional studio broadcasts and discussions.

- **Balance of academic rigor and practical application:** The program combines rigorous graduate-level study with applied business and financial relevance. Students are not only introduced to key concepts and theories but are also prepared to apply them in real-world contexts through practical learning, analytical problem-solving, and an applied research or consulting project.
- **Flexible study pathway with hybrid delivery:** The program is delivered primarily on campus, with four courses offered in hybrid mode to provide added flexibility and accessibility while maintaining meaningful face-to-face engagement. The remaining courses are delivered on campus, ensuring a strong in-person learning experience. In addition, the program offers a flexible study pathway with an exit option leading to the Postgraduate Diploma in Financial Technology (PGDFT), recognizing intermediate academic achievement in the field.

Career Opportunities:

- Prepares graduates for career opportunities across FinTech, digital banking, payments, and the wider financial services sector.
- Graduates may work as Financial Analyst, FinTech Analyst, Payments Analyst, Business Analyst, Compliance Analyst, Risk Analyst, or Research Associate.
- For experienced professionals, the program can support career growth into digital transformation, product, innovation, or FinTech-related management roles.
- Relevant for professionals working in banks, consulting firms, and technology companies who aim to transition into digital finance and financial innovation.

a) Program Learning Outcomes (PLOs)

Upon successful completion of the program the student will be able to:

1. Apply advanced financial knowledge to evaluate alternatives and optimize decision-making within dynamic and digitally enabled markets.
2. Apply advanced data analytics to analyze financial data, model risks, and develop innovative financial solutions.
3. Critically evaluate, select, and apply FinTech innovations to drive sustainable financial transformation.
4. Evaluate and apply ethical, regulatory, governance, and cybersecurity frameworks to ensure responsible FinTech solutions.
5. Design, execute, and communicate applied research or professional projects fostering entrepreneurship and addressing real-world financial technology challenges.

b) Master of Science in Financial Technology (MScFT) Program Requirements

Requirements	Compulsory Cr. Hrs.	Elective Cr. Hrs.	Total Cr. Hrs.
Program Core Requirements (Core Courses)	21	06	27
Dissertation or Applied Research Project	06	-	06

Total	27	06	33

Program Core Courses Requirements [27 Credits]

Course Code	Course Title	Prerequisite	Cr. Hrs.
Compulsory Core Courses (21 Credit Hours)			
MBA 642	Managerial Finance	None	3
MIT 604	Blockchain Technology	None	3
MFT 632	FinTech Innovations and Venture Creation	None	3
MFT 625	Data Analytics in Finance	None	3
MFT 626	Digital Banking, Payments and Financial Services	MIT 604	3
MFT 627	Digital Risk Management	MFT 626	3
MBA 643	Business Research Methods	None	3
Elective Courses (06 Credits): Students are required to select TWO Courses from the following courses			
MIT 623	Business Intelligence	None	3
MFT 642	Decentralized Finance	MFT 626	3
MFT 643	Cybersecurity and Digital Resilience in Finance	MFT 626	3
MFT 644	Green FinTech	None	3

Research Project Requirements [06 Credits]

(Students are required to select either Applied Research Project OR Applied Consulting Project)

Course Code	Course Title	Prerequisite	Cr. Hrs.
MFT 700	Applied FinTech Research Project	Completion of 21 Cr. Hrs. (Including MBA 643)	6
MFT 710	Applied FinTech Consulting Project	Completion of 21 Cr. Hrs. (Including MBA 643)	6

Study Plan - Master of Science in Financial Technology (MScFT) Program

Semester	Course Code	Subject Title	Prerequisite	Cr. Hrs.
Semester 1	Cycle 1			
	MBA 642	Managerial Finance	None	3
	MIT 604	Blockchain Technology	None	3
	Cycle 2			
	MFT 632	FinTech Innovations and Venture Creation	None	3
	MFT 625	Data Analytics in Finance	None	3
	Total Semester Credit Hours			12
Semester 2	Cycle 1			
	MFT 626	Digital Banking, Payments and Financial Services	MIT 604	3
	MBA 643	Business Research Methods	None	3
	Cycle 2			
	MFT 627	Digital Risk Management	MFT 626	3
	XXX	Elective Course		3
	Total Semester Credit Hours			12
Semester 3	XXX	Elective Course		3
	MFT 700	Applied FinTech Research Project	Completion of 21 Cr. Hrs. (including MBA 643)	6
	OR			
	MFT 710	Applied FinTech Consulting Project	Completion of 21 Cr. Hrs. (including MBA 643)	6
	Total Semester Credit Hours			9
Program Total Credit Hours:				33

22.7.6 Postgraduate Diploma in Financial Technology

Description:

The Postgraduate Diploma in Financial Technology (PGDFT) is a graduate program designed to prepare future finance professionals, innovators, and business leaders to operate at the intersection of finance, technology, and innovation. The program equips students with the expertise, strategic insight, and applied knowledge needed to connect emerging financial technologies with traditional financial systems, data-driven decision-making, and real-world business applications.

The curriculum combines strong academic rigor with practical relevance, covering key areas such as blockchain, digital payments, data analytics, innovation, and regulatory compliance. In response to the growing global demand for FinTech professionals, the program emphasizes not only technological capability, but also ethical responsibility, critical thinking, and strategic leadership required to navigate an increasingly dynamic financial landscape.

The program also offers a flexible hybrid delivery model, with four courses delivered in hybrid mode and the remaining courses offered on campus, providing students with greater accessibility and study flexibility.

Benefits:

- **Interdisciplinary and future-focused curriculum:** The program is designed at the intersection of finance, technology, and innovation, giving students a well-rounded understanding of how

emerging technologies are transforming financial services. It combines financial knowledge with digital capabilities, analytical thinking, and business insight to prepare graduates for a rapidly evolving market.

- **Strong industry relevance and market alignment:** The curriculum is developed in close collaboration with industry experts and is aligned with the evolving needs of today's financial sector, including digital banking, blockchain, digital payments, data analytics, and cybersecurity in finance. This ensures that students develop knowledge and skills that are relevant to current industry expectations and future market demand in Dubai and beyond. Also, a partnership with FINTECH.TV, New York, gives students direct access to industry experts in finance, blockchain, and digital innovation through professional studio broadcasts and discussions.
- **Balance of academic rigor and practical application:** The program combines rigorous graduate-level study with applied business and financial relevance. Students are not only introduced to key concepts and theories but are also prepared to apply them in real-world contexts through practical learning, analytical problem-solving, and an applied research or consulting project.
- **Flexible study pathway with hybrid delivery:** The program is delivered primarily on campus, with four courses offered in hybrid mode to provide added flexibility and accessibility while maintaining meaningful face-to-face engagement. The remaining courses are delivered on campus, ensuring a strong in-person learning experience.

Career Opportunities:

- Prepares graduates for career opportunities across FinTech, digital banking, payments, and the wider financial services sector.
- Graduates may work as Financial Analyst, FinTech Analyst, Payments Analyst, Business Analyst, Compliance Analyst, Risk Analyst, or Research Associate.
- For experienced professionals, the program can support career growth into digital transformation, product, innovation, or FinTech-related management roles.
- Relevant for professionals working in banks, consulting firms, and technology companies who aim to transition into digital finance and financial innovation.

Postgraduate Diploma in Financial Technology Program Requirements

Requirements	Compulsory Cr. Hrs.	Elective Cr. Hrs.	Total Cr. Hrs.
Program Core Requirements (Core Courses)	21	03	24
Total	21	03	24

Program Core Courses Requirements [24 Credits]

Course Code	Course Title	Prerequisite	Cr. Hrs.
Compulsory Core Courses (21 Credit Hours)			
MBA 642	Managerial Finance	None	3
MIT 604	Blockchain Technology	None	3
MFT 632	FinTech Innovations and Venture Creation	None	3
MFT 625	Data Analytics in Finance	None	3
MFT 626	Digital Banking, Payments and Financial Services	MIT 604	3
MFT 627	Digital Risk Management	MFT 626	3
MBA 643	Business Research Methods	None	3

Course Code	Course Title	Prerequisite	Cr. Hrs.
Elective Courses (03 Credits): Students are required to select ONE Course from the following courses			
MIT 623	Business Intelligence	None	3
MFT 642	Decentralized Finance	MFT 626	3
MFT 643	Cybersecurity and Digital Resilience in Finance	MFT 626	3
MFT 644	Green FinTech	None	3

Study Plan - Postgraduate Diploma in Financial Technology (PGDFT) Program

Semester	Course Code	Subject Title	Prerequisite	Cr. Hrs.
Semester 1	Cycle 1			
	MBA 642	Managerial Finance	None	3
	MIT 604	Blockchain Technology	None	3
	Cycle 2			
	MFT 632	FinTech Innovations and Venture Creation	None	3
	MFT 625	Data Analytics in Finance	None	3
	Total Semester Credit Hours			12
Semester 2	Cycle 1			
	MFT 626	Digital Banking, Payments and Financial Services	MIT 604	3
	MBA 643	Business Research Methods	None	3
	Cycle 2			
	MFT 627	Digital Risk Management	MFT 626	3
	XXX	Elective Course		3
	Total Semester Credit Hours			12
Program Total Credit Hours:				24

22.7.7 Master of Science in Project Management

Description:

The Master of Science in Project Management (MScPM) prepares graduates to manage projects in today's fast-paced and complex environments. The program will develop the knowledge, skills, and confidence required to lead projects successfully across diverse industries.

It integrates management principles, analytical thinking, and practical project management approaches, enabling students to plan, organize, and deliver projects effectively while building leadership and decision-making abilities. Key areas such as risk management, procurement, stakeholder engagement, and project strategy are explored with a strong emphasis on strategic thinking, ethical responsibility, and sustainability. Students are encouraged to think critically, solve problems, and deliver solutions that create value for organizations. The program also includes an applied research project or dissertation, allowing students to explore project management issues in depth and apply their learning in practice.

Students who do not complete the full master's degree may exit with a Postgraduate Diploma in Project Management (PGDPM) upon meeting the specified requirements.

Career Opportunities:

As a graduate of this program, students will have the qualifications and skills to pursue career opportunities where they oversee project planning, execution, and performance while managing resources, risks, schedules, and stakeholders. Positions to occupy include, but not limited to:

- Project Manager
- Program Manager
- Project Coordinator
- Project Controls Manager
- Project Management Officer
- Project Support Coordinator
- Infrastructure Project Manager
- IT Project Manager
- Construction Project Manager
- Event Project Manager
- Planning Engineer
- Operations Manager
- Business Operations Manager
- Project Assistant
- Project Engineer
- Consultant - PMO
- Senior Project Controls Manager

Graduates may pursue opportunities across industries such as construction, engineering, information technology, consulting, logistics, healthcare, energy, and government organizations. The program also provides a strong foundation for further academic studies in project management, business administration, or related fields.

a) Program Learning Outcomes (PLOs)

Upon successful completion of the program the student will be able to:

PLO 1. Demonstrate specialized and critical understanding of contemporary project management theories, principles, and frameworks within diverse and dynamic organizational contexts.

PLO 2. Apply integrated project management knowledge, methodologies, and tools to effectively initiate, plan, execute, monitor, and close complex projects.

PLO 3. Evaluate and apply strategic leadership approaches to optimize the management of cross-functional teams, resources, and organizational performance.

PLO 4. Develop and justify comprehensive risk, cost, and schedule management strategies using advanced quantitative and qualitative analytical techniques.

PLO 5. Analyze complex project contexts to develop robust, evidence-based insights and recommendations, and convey them effectively to diverse stakeholder groups.

PLO 6. Assess ethical, legal, and sustainability considerations to inform responsible and strategic project management decisions.

PLO 7. Lead innovative, entrepreneurial, and continuous improvement initiatives while advancing professional practice and lifelong learning in alignment with global project management trends.

b) Master of Science in Project Management (MScPM) Program Requirements

Requirements	Compulsory Cr. Hrs.	Elective Cr. Hrs.	Total Cr. Hrs.
Program Core Requirements (Core Courses)	18	06	24
Dissertation or Applied Research Project	06	-	06
Total	24	06	30

Program Core Courses Requirements [24 Credits]

Course Code	Course Title	Prerequisite	Cr. Hrs.
Compulsory Core Courses (18 Credit Hours)			
MPM 601	Fundamentals of Project Management	None	3
MPM 602	Project Planning, Budgeting and Scheduling	None	3
MPM 603	Risk and Uncertainty Management in Projects	MPM 602	3
MPM 604	Project Procurement and Contract Management	MPM 602	3
MPM 605	Project Leadership and Team Management	MPM 603	3
MBA 643	Business Research Methods	None	3
Elective Courses (06 Credits): Students are required to select TWO Courses from the following courses			
MPM 607	Supply Chain Project Management	None	3
MPM 608	Agile and Digital Project Management	MPM 601	3
MPM 609	Management of Complex and Mega Projects	MPM 601	3
MBA 675	Management of Technology and Innovation	None	3

Research Project Requirements [06 Credits]

(Students are required to select either Dissertation OR Applied Research Project)

Course Code	Course Title	Prerequisite	Cr. Hrs.
MPM 700	Dissertation	Completion of 18 Cr. Hrs. (Including MBA 643)	6
OR			
MPM 710	Applied Research Project	Completion of 18 Cr. Hrs. (Including MBA 643)	6

Study Plan - Master of Science in Project Management (MScPM) Program

Semester	Course Code	Subject Title	Prerequisite	Cr. Hrs.
Semester 1	Cycle 1			
	MPM 601	Fundamentals of Project Management	None	3
	MPM 602	Project Planning, Budgeting and Scheduling	None	3
	Cycle 2			
	MBA 643	Business Research Methods	None	3
	MPM XXX	Elective 1	None	3
	Total Semester Credit Hours			12
Semester 2	Cycle 1			
	MPM 603	Risk and Uncertainty Management in Projects	MPM 602	3
	MPM 604	Project Procurement and Contract Management	MPM 602	3
	Cycle 2			
	MPM 605	Project Leadership and Team Management	MPM 603	3
	MPM XXX	Elective 1		3
	Total Semester Credit Hours			12
Semester 3	MPM 700	Dissertation	Completion of 18 Cr. Hrs. (Including MBA 643)	6
	OR			
	MPM 710	Applied Research Project	Completion of 18 Cr. Hrs. (Including MBA 643)	6
	Total Semester Credit Hours			6
Program Total Credit Hours:				30

22.7.8 Postgraduate Diploma in Project Management

Description:

The Postgraduate Diploma in Project Management (PGDPM) prepares graduates to manage projects in today's fast-paced and complex environments. The program develops the knowledge, skills, and confidence required to lead projects successfully across diverse industries.

It integrates management principles, analytical thinking, and practical project management approaches, enabling students to plan, organize, and deliver projects effectively while building leadership and decision-making abilities. Key areas such as risk management, procurement, stakeholder engagement, and project strategy are explored with a strong emphasis on strategic thinking, ethical responsibility, and sustainability. Students are encouraged to think critically, solve problems, and deliver solutions that create value for organizations.

This diploma is offered as an exit option after completing the required coursework of the MScPM program, without the dissertation or applied research project.

Graduates will be well prepared for roles such as Project Manager, Program Manager, Project Analyst, Project Coordinator, Operations Manager, and Project Consultant, where they oversee project planning, execution, and performance while managing resources, risks, schedules, and stakeholders.

Career Opportunities:

Graduates will be well prepared for roles such as:

- Project Manager
- Program Manager
- Project Analyst
- Project Coordinator
- Operations Manager
- Project Consultant

c) Postgraduate Diploma in Project Management (PGDPM) Program Requirements

Requirements	Compulsory Cr. Hrs.	Elective Cr. Hrs.	Total Cr. Hrs.
Program Core Requirements (Core Courses)	18	06	24
Total	18	06	24

Program Core Courses Requirements [24 Credits]

Course Code	Course Title	Prerequisite	Cr. Hrs.
Compulsory Core Courses (18 Credit Hours)			
MPM 601	Fundamentals of Project Management	None	3
MPM 602	Project Planning, Budgeting and Scheduling	None	3
MPM 603	Risk and Uncertainty Management in Projects	MPM 602	3
MPM 604	Project Procurement and Contract Management	MPM 602	3
MPM 605	Project Leadership and Team Management	MPM 603	3
MBA 643	Business Research Methods	None	3
Elective Courses (06 Credits): Students are required to select TWO Courses from the following courses			
MPM 607	Supply Chain Project Management	None	3
MPM 608	Agile and Digital Project Management	MPM 601	3
MPM 609	Management of Complex and Mega Projects	MPM 601	3
MBA 675	Management of Technology and Innovation	None	3

Study Plan - Postgraduate Diploma in Project Management (PGDPM) Program

Semester	Course Code	Subject Title	Prerequisite	Cr. Hrs.
Semester 1	Cycle 1			
	MPM 601	Fundamentals of Project Management	None	3
	MPM 602	Project Planning, Budgeting and Scheduling	None	3
	Cycle 2			
	MBA 643	Business Research Methods	None	3
	MPM XXX	Elective 1	None	3
Total Semester Credit Hours				12
Semester 2	Cycle 1			
	MPM 603	Risk and Uncertainty Management in Projects	MPM 602	3
	MPM 604	Project Procurement and Contract Management	MPM 602	3
	Cycle 2			
	MPM 605	Project Leadership and Team Management	MPM 603	3
	MPM XXX	Elective 1		3
Total Semester Credit Hours				12
Program Total Credit Hours:				24

22.7.9 Doctorate in Business Administration

Description:

The Doctor of Business Administration (DBA) Program is one of the highest academic credentials in business practice. The program is designed to transform business executives into innovative business leaders through a rigorous academic experience that integrates research with practical expertise. The DBA empowers professionals to address complex business challenges, drive sustainable impact, and foster ethical, inclusive, and collaborative environments. Students engage in high-level challenges that expand their strategic thinking and research capabilities, enabling them to anticipate global business trends and lead with insight, integrity, and innovation.

Benefits of DBA Program:

The Doctor of Business Administration (DBA) Program equips experienced professionals with advanced capabilities in practice-based research, enabling them to address complex business challenges with academic rigor and strategic insight. Students engage in applied research to generate actionable knowledge, validate theories through robust data analysis, and contribute to innovative, ethical, and sustainable business practices. The program cultivates thought leadership, empowering candidates to influence their industries and communities through evidence-based decision-making. With a flexible weekend class format, working professionals can immediately apply learning to their organizations. Through research collaborations, regional and international networking, and academic engagement, the DBA Program also offers a pathway to contribute to business education and policy development.

Career Opportunities:

Graduates of the DBA Program are positioned for senior and transformative roles, including:

- C-Level Executive Roles (e.g., CEO, CFO, COO, CMO)
- Board Member / Strategy Advisor
- Entrepreneur / Business Owner
- Academic Faculty Member / Lecturer
- Management Consultant
- Executive Coach / Corporate Trainer
- Chief Innovation or Strategy Officer
- Policy Advisor or Government Consultant
- Author / Researcher / Thought Leader

a) Program Learning Outcomes (PLOs)

Upon successful completion of the program the student will be able to:

1. Demonstrate a comprehensive understanding of advanced business theories and practices, integrating cross-disciplinary insights and entrepreneurial strategies to address complex challenges in the field of business administration.
2. Conduct impactful research that contributes new knowledge to the field of business administration, utilizing advanced research methodologies, critical analysis, and innovative approaches to solve complex business problems.
3. Integrate advanced research frameworks that produce valuable insights and actionable recommendations to address key challenges in managerial practices.

4. Communicate research findings clearly and effectively in both practitioner and scholarly settings, addressing critical business challenges.
5. Synthesize ethical principles in research and execute decisions that uphold integrity and professional conduct, ensuring that sustainable business practices are considered in all decisions.

b) Program Learning Outcomes (PLOs) Alignment with QF-Emirates

PLOs	Knowledge	Skills	Aspects of Competence		
			Autonomy & Responsibility	Role in Context	Self-Development
PLO1	✓				
PLO2		✓			
PLO3			✓		
PLO4			✓	✓	
PLO5				✓	✓

c) Doctorate in Business Administration (DBA) Program Requirements

Requirements	Compulsory Cr. Hrs.	Elective Cr. Hrs.	Total Cr. Hrs.
Program Core Requirements (Core Courses)	21	03	24
Dissertation	30	-	30
Total	51	03	54

Program Core Courses [24 Credits]

Course Code	Course Title	Prerequisite	Cr. Hrs.
Compulsory Core Courses (21 Credit Hours)			
DBA 701	Advanced Business Research Design	None	3
DBA 702	Seminar on Leadership and Organizational Behavior Dynamics	None	3
DBA 703	Seminar on Emerging Technologies for Business Leaders	None	3
DBA 704	Advanced Qualitative Research Methods	DBA 701	3
DBA 705	Advanced Quantitative Methods in Business Research	DBA 701	3
DBA 706	Seminar in Business Strategies and Sustainability	None	3
DBA 707	Academic Writing Practicum	DBA 704, DBA 705	3
Elective Courses (03 Credits): Students are required to select ONE Course from the following courses			
DBA 708	The Art and Science of Data Analysis	DBA 705	3
DBA 709	Seminar in Strategic Marketing Decision for Value Creation	DBA 701	3
DBA 710	Seminar in Managing Dynamic Business Environments	DBA 701	3

Dissertation Requirements [30 Credits]

Course Code	Course Title	Prerequisite	Cr. Hrs.
DBA 711	Doctoral Research Proposal	Successful completion of 24 credit hours	3
DBA 712	Doctoral Dissertation	DBA 711 and Passed Comprehensive Exam	27

Study Plan - Doctorate in Business Administration (DBA)

Academic Year	Cycles	Course Code	Subject Title	Prerequisite	Cr. Hrs.
First	Cycle 1	DBA 701	Advanced Business Research Design	None	3
	Cycle 2	DBA 702	Seminar on Leadership and Organizational Behavior Dynamics	None	3
	Cycle 3	DBA 703	Seminar on Emerging Technologies for Business Leaders	None	3
	Cycle 4	DBA 704	Advanced Qualitative Research Methods	DBA 701	3
	Cycle 5	DBA 705	Advanced Quantitative Methods in Business Research	DBA 701	3
	Total				15
Second	Cycle 1	DBA 706	Seminar in Business Strategies and Sustainability	None	3
	Cycle 2	DBA 707	Academic Writing Practicum	DBA 704, DBA 705	3
	Cycle 3	DBA XXX	Elective Course		3
	Cycle 4	DBA 711	Doctoral Research Proposal	Successful completion of 24 credit hours	3
	Total				12
	Cycle 5	DBA 712	Doctoral Dissertation	DBA 711, Passed Comprehensive Exam	27
Third	Cycle 1	DBA 712	Doctoral Dissertation (Cont'd)		
	Cycle 2	DBA 712	Doctoral Dissertation (Cont'd)		
	Cycle 3	DBA 712	Doctoral Dissertation (Cont'd)		
	Cycle 4	DBA 712	Doctoral Dissertation (Cont'd)		
	Total				27
Total Credit Hours of DBA Program					54

School of Communication

A Word from the Dean

Welcome to the School of Communication at Canadian University Dubai

I would like to extend to you a very warm welcome to the School of Communication. Our Faculty brings together a unique set of multidisciplinary programs that offer cutting-edge learning based on contemporary research, creativity and practice.

At the School of Communication, we explore how media and communication shape the way we understand the world and engage with one another. In a landscape transformed by technology and AI, we prepare our students to think critically, create responsibly, and adapt confidently to an evolving communications industry.

Our program offers three specializations, Digital Media and Journalism, Advertising and Integrated Marketing, and Public Relations, allowing each student to pursue the area that best aligns with their interests and career aspirations.

Beyond knowledge, we equip our students with the tools to innovate, create, and launch their own ideas and ventures with confidence.

Located in Dubai's dynamic business and creative environment, our school encourages students to experiment, question, and develop into communication professionals who make a meaningful impact.

School of Communication

Canadian University Dubai

22.8 Department of Communication

22.8.1 Bachelor of Arts in Communication

The Department of Communication offers Bachelor of Arts in Communication program with the following Majors:

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

Advertising and Integrated Marketing Communications (AIMC)

Description:

The Bachelor of Arts in Communication with a major in Advertising and Integrated Marketing Communications is designed to cultivate creative communication skills for a successful career in the dynamic field of modern advertising. In this program, students will gain a foundation in qualitative and quantitative research methodologies, practical copywriting, planning, and design skills. They will also develop the knowledge and professional competencies necessary to thrive in diverse roles across traditional and digital advertising platforms. This comprehensive approach prepares the students to make a meaningful impact in the ever-evolving advertising and marketing communications landscape.

Benefits:

CUD's Bachelor of Arts in Communication – Advertising and Integrated Marketing Communications will teach students how to publish, edit, produce, and research advertising content within the local and international marketplace. This will prepare them 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:

As a graduate of the Bachelor of Arts in Communication – Advertising and Integrated Marketing Communications program, students will have the qualifications and skills to pursue career opportunities such as:

• Copywriter	• Broadcast Account Manager	• Sales Manager
• Creative Technologist	• Creative Director	• Promotions Manager
• Editorial Photographer	• Digital Advertising Manager	• Ad Creation and Sales
• Graphic Artist	• Events Manager	• Production Manager
• Graphic Designer	• Marketing Manager	• Brand Manager
• Account Manager	• Media Director	• Creative Designer
• Advertising Campaign Manager	• Online Advertising Manager	• Communication Planner
• Social Media Advertising Manager	• Advertising Sales Director	• Digital Advertiser

Digital Media and Journalism (DMJ)

Description:

The Bachelor of Arts in Communication with a major in Digital Media and Journalism is thoughtfully designed to address the innovations of the contemporary media landscape. In today's world, our understanding of global events is shaped not only by traditional news outlets but also by the dynamic influence of social media and digital platforms.

This program equips students with a deep understanding of the evolving roles and players within the news media sector. Through a comprehensive curriculum, the students will develop the skills necessary to engage effectively and assertively in their increasingly technology-driven society, ensuring their voices resonate in the conversations that matter.

Benefits:

CUD's Bachelor of Arts in Communication – Digital Media and Journalism will prepare students to work in the dynamic world of new media. They will have the skills and knowledge to publish, edit, produce, and research journalism content within local and international markets and on different platforms. The industry-focused curriculum will prepare them for news reporting and editing positions, print media layout and design, online news collection and dissemination, and social media.

Career Opportunities:

As a graduate of the Bachelor of Arts in Communication – Digital Media and Journalism program, students will have the qualifications and skills to pursue career opportunities such as:

• Creator and Marketer	• Reporter	• Magazine Journalist
• Copywriter	• Content	• Editor
• Speech Writer	• Social Media Specialist	• Newspaper Journalist
• Grant Writer	• Sports Information Director	• Web Content Manager
• Technical Writer	• Photojournalist	• Electronic Media Specialist
• Corporate Communications Specialist	• Broadcast Journalist	• Online Journalist
• Publishing Copyeditor/ Proof-reader	• Magazine Features Editor	•

Public Relations (PR)

Description:

The Bachelor of Arts in Communication with a major in Public Relations will prepare students to deliver PR messages effectively within the modern communications environment. 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 transmit their message and convince stakeholders. This program will teach students how to craft, deliver, and position PR messaging to maximum effect and to operate successfully as a public relations professional in an ever-changing communications context.

Benefits:

CUD's Bachelor of Arts in Communication – Public Relations will teach students the knowledge and skills to research, write, publish, and edit PR content within local and international markets and across different outlets. The degree will provide students with the comprehensive foundations to practice within any public relations capacity in areas as varied as diplomacy, business, government, non-profit agencies, professional associations, healthcare companies, and international organizations.

Career Opportunities:

As a graduate of the Arts in Communication – Public Relations program, students will have the qualifications and skills to pursue career opportunities such as:

• PR writing	• Grant Writer	• Media Director
• Brand Ambassador	• Technical Writer	• Director of Communications
• Content Manager & Strategist	• Director of Public Relations	• Publicist
• Copywriter	• Editor	• Social Media Manager
• Speech Writer	• Event Manager	• Researcher
• Manager of Digital and Social Media	• Lobbyist	• Relationship Manager

a) **Program Learning Outcomes (PLOs)**

BA in Communication - Advertising and Integrated Marketing Communications

Upon successful completion of the program the student will be able to:

1. Demonstrate an understanding of the concepts and principles of communication theories, and their applications in research, and new media production.
2. Comprehend the methods used to ethically produce engaging content for digital media.
3. Recognize the impact of major theories of Advertising and Integrated Marketing Communications, information and communication technologies, and emerging media on the society and the economy.
4. Communicate clearly and effectively orally and in writing through digital media tools and across multiple platforms in diverse professional environments.
5. Critically analyze and evaluate communication problems in real-life environments and situations and develop market oriented solutions.
6. Design and produce professional media contents and Advertising and Integrated Marketing Communications materials.
7. Work in an effective and creative way individually and in teams and demonstrate conscious innovative leadership skills.
8. Execute Advertising and Integrated Marketing Communications tasks in accordance with professional and ethical standards.
9. Critically analyze the evolving advertising and Integrated Marketing Communications landscape to produce efficient material tailored to different audiences and objectives.
10. Assimilate current and evolving theories and skills in the field of Advertising and Integrated Marketing Communications.

BA in Communication - Digital Media and Journalism

Upon successful completion of the program the student will be able to:

1. Demonstrate an understanding of the concepts and principles of communication theories, and their applications in research, and new media production.
2. Comprehend the methods used to ethically produce engaging content for digital media.
3. Recognize the impact of major theories of journalism, information and communication technologies, and emerging media on the society and the economy.
4. Communicate clearly and effectively orally and in writing through digital media tools and across multiple platforms in diverse professional environments
5. Critically analyze and evaluate communication problems in real-life environments and situations and develop market oriented solutions.
6. Design and produce professional media contents and Journalistic materials.

7. Work in an effective and creative way individually and in teams and demonstrate conscious innovative leadership skills.
8. Execute journalistic tasks in accordance with professional and ethical standards.
9. Critically analyze the evolving Digital Media and Journalism landscape to produce efficient material tailored to different audiences and objectives.
10. Assimilate current and evolving theories and skills in the field of Digital Media and Journalism.

BA in Communication - Public Relations

1. Demonstrate an understanding of the concepts and principles of communication theories, and their applications in research, and new media production.
2. Comprehend the methods used to ethically produce engaging content for digital media.
3. Recognize the impact of major theories of Applied Public Relations on the society and the economy.
4. Communicate clearly and effectively orally and in writing through digital media tools and across multiple platforms in diverse professional environments
5. Critically analyze and evaluate communication problems and cases in real-life environments and situations and develop market oriented solutions.
6. Design and produce various PR contents and materials using the latest software, theoretical approaches, and applications across multiple digital media platforms.
7. Work in an effective and creative way individually and in teams and demonstrate conscious innovative leadership skills.
8. Execute Public Relations tasks in accordance with professional and ethical standards.
9. Critically analyze the evolving strategic PR approaches to develop efficient campaigns tailored to different audiences and objectives.
10. Assimilate current and evolving theories and skills in the field of Public Relations.

b) Program Learning Outcomes (PLOs) Alignment with QF-Emirates

PLOs	Knowledge	Skills	Aspects of Competence		
			Autonomy & Responsibility	Role in Context	Self-Development
PLO1	✓				
PLO2	✓				
PLO3	✓				
PLO4		✓			
PLO5		✓			
PLO6		✓			
PLO7			✓	✓	
PLO8			✓	✓	
PLO9			✓	✓	
PLO10					✓

c) Bachelor of Arts in Communication Program Requirements

Requirements	Compulsory Cr. Hrs.	Elective Cr. Hrs.	Total Cr. Hrs.
University Requirements (GE Courses)	24	06	30
Program Core Requirements (Core Courses)	52	06	58
Major Requirements	24	12	36
Total	100	24	124

University Requirements [General Education Courses - 30 Credits]

Course Code	Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (24 Credits)			
LNG 171	English I	None	3
LNG 172	English II	LNG 171	3
GED 102	AI in Modern Life	None	3
GED 190	Emirati Studies	None	3
GED 196	Communication Skills in Arabic	None	3
GED 255	Critical Thinking and Problem Solving	LNG 172 or LNG 182	3
ENT 141	Fundamentals of Innovation and Entrepreneurship 1	None	2
ENT 142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
MTH 105	Introduction to Statistics	None	3
Elective (Humanities - 03 Credits): Students are required to select One Course from the following Pool			
GED 103	Head Anatomy Sculpture	None	3
GED 106	Smart Decisions: Data Literacy and Visualization	None	3
GED 110	Modern Art Appreciation	None	3
GED 111	Music Appreciation and Communication	None	3
GED 191	Islamic Studies	None	3
GED 205	Psychology in Everyday Life	LNG 172 or LNG 182	3
GED 324	Ethical Reasoning for Today's World	LNG 172 or LNG 182	3
GED 330	Introduction to Canadian Studies	None	3
Elective (Science & Technology - 03 Credits): Students are required to select One Course from the following Pool			
BIO 102	Biology I	None	3
SHS 103	Chemistry	None	3
GED 125	Ecosystems and Human Health	None	3
GED 132	Science and Technology in Society	None	3
ENV 201	Principles of Environmental Science	None	3

Program Core Requirements [Core Courses - 58 Credits]

Course Code	Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (52 Credits)			
GED 272	Fundamentals of Public Speaking	LNG 172	3
ENT 241	Entrepreneurship 1	ENT 142	2
ENT 242	Entrepreneurship 2	ENT 241	1
MCM 101	Introduction to Mass Communication & Media Studies	None	3
MCM 121	Communication Theories & Media Effects	MCM 101	3
MCM 115	Media in the UAE	MCM 101	3
MCM 130	Media Ethics and Laws	MCM 101	3
MCM 140	Communication Research Methods	MTH 105	3
MCM 201	Writing for Mass Media	MCM 101, LNG 172	3
MCM 210	Media Sociology	MCM 121	3
MCM 215	Audiovisual Production	None	3

Course Code	Course Title	Prerequisite	Cr. Hrs.
MCM 240	Media Management	MCM 101	3
MCM 250	Digital Imaging	None	3
MCM 311	Media and Politics	None	3
MCM 335	Digital and Online Marketing	MCM 101	3
MCM 400	Comparative Global Media Systems and Policy	MCM 240	3
MCM 411	Multi-Platform Storytelling	MCM 201, MCM 215	3
MCM 420	Modern World History	MCM 101	3
MCM 431	Media Internship I	81 Cr. Hrs. & CGPA ≥ 2.0	1
Elective Courses (06 Credits): Students are required to select Two Courses from the following courses			
MCM 300	Sustainability Branding	MCM 101, MCM 201	3
MCM 305	Intercultural and Business Communications	MCM 201	3
MCM 330	Literary and Artistic Criticism	MCM 201	3
MCM 440	Cinema Studies	MCM 101, MCM 215	3

Major Requirements [36 Credits]

There are three majors for Bachelor of Arts in Communication and students are required to select one of the majors. For the selected major, students are required to complete successfully 12 courses (36 Credit Hours) of which eight courses (24 Cr. Hrs.) are compulsory and four courses (12 Cr. Hrs.) are Electives.

i. Advertising and Integrated Marketing Communications Courses

Course Code	Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (24 Credits)			
AIMC 200	Principles of Advertising and Integrated Marketing Communications	None	3
AIMC 210	Audience Perceptions and Insights	MCM 121, AIMC 200/PRA 221/DMJ 200	3
AIMC 220	Research, Measurement and Metrics	MCM 140, AIMC 200	3
AIMC 305	Rhetoric and Strategic Writing	MCM 201, AIMC 200	3
AIMC 315	Creative Advertising Strategies	MCM 250, AIMC 200	3
AIMC 418	Communication and Media Planning Strategies	DMJ 220 or AIMC 220 or PRA 220	3
AIMC 425	AIMC Capstone Project	AIMC 418	3
AIMC 430	E-Portfolio and Internship II for AIMC	MCM 431	3
Elective Courses (12 Credits): Students are required to select Four Courses from the following courses			
DMJ 305	Graphics for Digital Media & Journalism	MCM 250	3
DMJ 317	Digital Photography	MCM 250	3
DMP 210	Digital Media Production	MCM 250	3
MKT 230	Professional Selling	AIMC 210 or MKT 201	3
PRA 411	Brand Value and Reputation Management	PRA 221 or AIMC 200	3

ii. Digital Media and Journalism Courses

Course Code	Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (24 Credits)			
DMJ 200	Principles of Digital Media and Journalism	None	3
DMJ 210	News Writing & Editing	LNG 172, MCM 201	3
DMJ 220	Research and Data Analytics for DMJ	MCM 140	3
DMJ 305	Graphics for Digital Media & Journalism	MCM 250	3
DMJ 315	Virtual Reality for Journalism	DMJ 305	3
DMJ 400	Newscasting	MCM 215, DMJ 210	3

DMJ	425	DMJ Capstone Project	DMJ 220, DMJ 305	3
DMJ	430	E-Portfolio and Internship II for DMJ	MCM 431	3
Elective Courses (12 Credits): Students are required to select Four Courses from the following courses				
DMJ	317	Digital Photography	MCM 250	3
DMJ	420	Innovative Multimedia Reporting	DMJ 315 or DMP 210	3
DMP	305	Critical Coding for Communication	None	3
DMP	315	Theory and Practice of Animation	MCM 250	3
PRA	301	Crisis Communication	MCM 101	3

iii. Public Relations (PR) Courses

Course Code		Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (24 Credits)				
PRA	200	Writing for Public Relations	MCM 201	3
PRA	220	Research Methods for PR	MCM 140	3
PRA	221	Principles of Public Relations	None	3
PRA	230	Online Public Relations	PRA 220	3
PRA	411	Brand Value and Reputation Management	PRA 221 or AIMC 200	3
PRA	412	Management in PR Agencies	MCM 240	3
PRA	421	PR Capstone Project	PRA 221, PRA 412	3
PRA	430	E-Portfolio and Internship II for PR	MCM 431	3
Elective Courses (12 Credits): Students are required to select Four Courses from the following courses				
AIMC	210	Audience Perceptions and Insights	MCM 121, AIMC 200/PRA 221/DMJ 200	3
AIMC	418	Communication and Media Planning Strategies	DMJ 220 or AIMC 220 or PRA 220	3
DMP	210	Digital Media Production	MCM 250	3
PRA	301	Crisis Communication	MCM 101	3
PRA	425	International Public Relations	PRA 200	3

Study Plan - BA in Communication - Advertising and Integrated Marketing Communications

Sem.	Course Code	Course Title	Prerequisite	Cr. Hrs.
Semester 1	GED 102	AI in Modern Life	None	3
	LNG 171	English I	None	3
	GED 196	Communication Skills in Arabic	None	3
	MCM 101	Introduction to Mass Communication & Media Studies	None	3
	ENT 141	Fundamentals of Innovation and Entrepreneurship 1	None	2
	Total			14
Semester 2	LNG 172	English II	LNG 171	3
	MCM 250	Digital Imaging	None	3
	MCM 121	Communication Theories & Media Effects	MCM 101	3
	MCM 115	Media in the UAE	MCM 101	3
	MTH 105	Introduction to Statistics	None	3
	ENT 142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
	Total			16
Semester 3	MCM 201	Writing for Mass Media	MCM 101, LNG 172	3
	MCM 130	Media Ethics and Laws	MCM 101	3
	MCM 210	Media Sociology	MCM 121	3
	MCM 420	Modern World History	MCM 101	3
	MCM 140	Communication Research Methods	MTH 105	3
	ENT 241	Entrepreneurship 1	ENT 142	2
	Total			17
Semester 4	MCM 240	Media Management	MCM 101	3
	MCM 215	Audiovisual Production	None	3
	MCM XXX	Core Elective (1)		3
	AIMC 200	Principles of Advertising and Integrated Marketing Communications	None	3
	GED 272	Fundamentals of Public Speaking	LNG 172	3
	ENT 242	Entrepreneurship 2	ENT 241	1
	Total			16
Semester 5	XXX XXX	Humanities Elective		3
	MCM 335	Digital and Online Marketing	MCM 101	3
	AIMC 220	Research, Measurement and Metrics	MCM 140, AIMC 200	3
	AIMC 210	Audience Perceptions and Insights	MCM 121, AIMC 200 or PRA 200 or DMP 200	3
	GED 190	Emirati Studies	None	3
	Total			15
Semester 6	MCM 311	Media and Politics	None	3
	XXX XXX	Science and Technology Elective		3
	AIMC 305	Rhetoric and Strategic Writing	MCM 201, AIMC 200	3
	AIMC XXX	Major Elective (1)		3
	GED 255	Critical Thinking and Problem Solving	LNG 172	3
	Total			15
	MCM 431	MEDIA INTERNSHIP 1 (SUMMER SEMESTER)	81 Cr. Hrs. and CGPA ≥ 2.0	1
Semester 7	AIMC XXX	Major Elective (2)		3
	MCM 411	Multi-Platform Storytelling	MCM 201, MCM 215	3
	AIMC 315	Creative Advertising Strategies	AIMC 200, MCM 250	3
	AIMC 418	Communication and Media Planning Strategies	DMJ 220 or AIMC 220 or PRA 220	3
	MCM XXX	Core Elective (2)		3
	Total			15
Semester 8	MCM 400	Comparative Global Media Systems & Policy	MCM 240	3
	AIMC XXX	Major Elective (3)		3
	AIMC XXX	Major Elective (4)		3
	AIMC 425	AIMC Capstone Project	AIMC 418	3
	AIMC 430	E-Portfolio and Internship II for AIMC	MCM 431	3
	Total			15
Total Credit Hours				124

Study Plan - BA in Communication - Digital Media and Journalism (DMJ)

Sem.	Course Code		Course Title	Prerequisite	Cr. Hr.
Semester 1	GED	102	AI in Modern Life	None	3
	LNG	171	English I	None	3
	GED	196	Communication Skills in Arabic	None	3
	MCM	101	Introduction to Mass Communication & Media Studies	None	3
	ENT	141	Fundamentals of Innovation and Entrepreneurship 1	None	2
	Total				14
Semester 2	LNG	172	English II	LNG 171	3
	MCM	250	Digital Imaging	None	3
	MCM	121	Communication Theories & Media Effects	MCM 101	3
	MCM	115	Media in the UAE	MCM 101	3
	MTH	105	Introduction to Statistics	None	3
	ENT	142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
	Total				16
Semester 3	MCM	201	Writing for Mass Media	MCM 101, LNG 172	3
	MCM	130	Media Ethics and Laws	MCM 101	3
	MCM	210	Media Sociology	MCM 121	3
	MCM	420	Modern World History	MCM 101	3
	MCM	140	Communication Research Methods	MTH 105	3
	ENT	241	Entrepreneurship 1	ENT 142	2
	Total				17
Semester 4	MCM	240	Media Management	MCM 101	3
	MCM	215	Audiovisual Production	None	3
	MCM	XXX	Core Elective (1)		3
	DMJ	200	Principles of Digital Media and Journalism	None	3
	GED	272	Fundamentals of Public Speaking	LNG 172	3
	ENT	242	Entrepreneurship 2	ENT 241	1
	Total				16
Semester 5	XXX	XXX	Humanities Elective		3
	MCM	335	Digital and Online Marketing	MCM 101	3
	DMJ	220	Research and Data Analytics for DMJ	MCM 140	3
	DMJ	210	News Writing & Editing	MCM 201, LNG 172	3
	GED	190	Emirati Studies	None	3
	Total				15
Semester 6	MCM	311	Media and Politics	None	3
	XXX	XXX	Science and Technology Elective		3
	DMJ	305	Graphics for Digital Media & Journalism	MCM 250	3
	DMJ	XXX	Major Elective (1)		3
	GED	255	Critical Thinking and Problem Solving	LNG 172	3
	Total				15
Semester 7	MCM	431	MEDIA INTERNSHIP 1 (SUMMER SEMESTER)	81 Cr. Hrs. and CGPA ≥ 2.0	1
	DMJ	XXX	Major Elective (2)		3
	MCM	411	Multi-Platform Storytelling	MCM 201, MCM 215	3
	DMJ	315	Virtual Reality for Journalism	DMJ 305	3
	DMJ	400	Newscasting	MCM 215, DMJ 210	3
	MCM	XXX	Core Elective (2)		3
	Total				15
Semester 8	MCM	400	Comparative Global Media Systems and Policy	MCM 240	3
	DMJ	XXX	Major Elective (3)		3
	DMJ	XXX	Major Elective (4)		3
	DMJ	425	DMJ Capstone Project	DMJ 220, DMJ 305	3
	DMJ	430	E-Portfolio and Internship II for DMJ	MCM 431	3
	Total				15
Total Credit Hours					124

Study Plan - BA in Communication - Public Relations (PR)

Sem.	Course Code		Course Title	Prerequisite	Cr. Hr.
Semester 1	GED	102	AI in Modern Life	None	3
	LNG	171	English I	None	3
	GED	196	Communication Skills in Arabic	None	3
	MCM	101	Introduction to Mass Communication & Media Studies	None	3
	ENT	141	Fundamentals of Innovation and Entrepreneurship 1	None	2
	Total				14
Semester 2	LNG	172	English II	LNG 171	3
	MCM	250	Digital Imaging	None	3
	MCM	121	Communication Theories & Media Effects	MCM 101	3
	MCM	115	Media in the UAE	MCM 101	3
	MTH	105	Introduction to Statistics	None	3
	ENT	142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
Total				16	
Semester 3	MCM	201	Writing for Mass Media	MCM 101, LNG 172	3
	MCM	130	Media Ethics and Laws	MCM 101	3
	MCM	210	Media Sociology	MCM 121	3
	MCM	420	Modern World History	MCM 101	3
	MCM	140	Communication Research Methods	MTH 105	3
	ENT	241	Entrepreneurship 1	ENT 142	2
Total				17	
Semester 4	MCM	240	Media Management	MCM 101	3
	MCM	215	Audiovisual Production	None	3
	MCM	XXX	Core Elective (1)		3
	PRA	221	Principles of Public Relations	None	3
	GED	272	Fundamentals of Public Speaking	LNG 172	3
	ENT	242	Entrepreneurship 2	ENT 241	1
Total				16	
Semester 5	XXX	XXX	Humanities Elective		3
	MCM	335	Digital and Online Marketing	MCM 101	3
	PRA	220	Research Methods for PR	MCM 140	3
	PRA	200	Writing for Public Relations	MCM 201	3
	GED	190	Emirati Studies	None	3
	Total				15
Semester 6	MCM	311	Media and Politics	None	3
	XXX	XXX	Science and Technology Elective		3
	PRA	230	Online Public Relations	PRA 220	3
	PRA	XXX	Major Elective (1)		3
	GED	255	Critical Thinking and Problem Solving	LNG 172	3
	Total				15
Semester 7	MCM	431	Media Internship I (SUMMER SEMESTER)	81 Cr. Hrs. and CGPA ≥ 2.0	1
	PRA	XXX	Major Elective (2)		3
	MCM	411	Multi-Platform Storytelling	MCM 201, MCM 215	3
	PRA	411	Brand Value and Reputation Management	PRA 221 or AIMC 200	3
	PRA	412	Management in PR Agencies	MCM 240	3
	MCM	XXX	Core Elective (2)		3
Total				15	
Semester 8	MCM	400	Comparative Global Media Systems and Policy	MCM 240	3
	PRA	XXX	Major Elective (3)		3
	PRA	XXX	Major Elective (4)		3
	PRA	421	PR Capstone Project	PRA 221, PRA 412	3
	PRA	430	E-Portfolio and Internship II for PR	MCM 431	3
	Total				15
Total Credit Hours					124

School of Creative Industries

A Word from the Dean

Welcome to the School of Creative Industries at Canadian University Dubai

Welcome to the School of Creative Industries at Canadian University Dubai, where creativity, innovation, and entrepreneurship converge in the heart of one of the world's most dynamic, future-focused cities and fastest-growing creative economies. Located in Dubai's vibrant City Walk; our School offers an avant-garde educational experience designed to prepare tomorrow's creative leaders.

Our School continues to expand its portfolio with exciting new programs in development that respond to emerging trends in design, media, digital creativity, and the creative economy. Our interdisciplinary, hands-on approach emphasizes applied learning, design thinking, and real-world problem solving through industry collaborations, live projects, and entrepreneurial initiatives. Students are encouraged to transform ideas into impactful ventures through our innovation ecosystem and incubator opportunities.

Guided by internationally experienced faculty and grounded in Canadian academic excellence and the cultural values of the UAE, our graduates develop the creative confidence, global perspective, and practical skills to shape industries, enrich communities, and define the future of the creative economy. We look forward to welcoming you to a community where imagination becomes innovation.

School of Creative Industries (SCI)

Canadian University Dubai

22.9 Department of Creative Industries

22.9.1 Bachelor of Arts in Creative Industries

Description:

The Bachelor of Arts in Creative Industries (BACI) program prepares student for management, leadership and entrepreneurial roles in communication, interior design, and business media. This is an interdisciplinary program in which students learn the fundamentals of creative industry operations, explore how to develop creative ideas into business models, along with marketing, finance, distribution, legal agreements, technology, design thinking and more. The program develops a diverse skill set that allows students to move in a variety of directions after graduation. This degree is adapted from the prestigious interdisciplinary program at Toronto Metropolitan University (TMU).

Typically, businesses in the Creative Industries are distinguished by the polarization between “suits” and “creatives” – between creative practitioners and those who manage and commercialize the creative process. At CUD, our goal is to bridge this divide through an academic program that provides opportunities that enable you to explore and understand the industry as both a creative process and a commercial activity.

Students will have to choose 2 modules from the following:

- Interior Design
- Media Business
- Communication Studies

Benefits:

As part of this degree program, you will benefit from a unique set of experiential learning opportunities:

The Creative Zone: As a pioneering initiative in the Middle East, CUD has launched a new learning incubator designed to empower students by providing opportunities to develop innovative ideas and collaborate with industry partners to address real-world challenges in the creative industries. The Creative Zone will serve as the central hub for all programs at CUD, integrating academic knowledge with hands-on experiences while fostering entrepreneurial thinking. Through academic coursework and extracurricular activities, students will be able to incubate creative business ideas, bridging theory with practice in a dynamic, industry-focused environment.

Study at Toronto Metropolitan University, Canada: The program offers high-achieving students a unique opportunity to broaden their academic horizons by facilitating a transfer to the Creative Industries program at Toronto Metropolitan University (TMU) during their second and third years. This pathway allows students to immerse themselves in TMU's acclaimed Creative Learning Zone, where they can experience Canada's dynamic creative culture and business practices firsthand. This international exposure equips students with a global perspective and enhances their professional development in the creative industries.

Career Opportunities:

Creative Industries require entrepreneurial, adaptable, and innovative leaders with strong business acumen to collaborate with artists, producers, and creators, helping them connect their creative work with audiences and markets. Graduates of the BACI program will be equipped with the necessary skills and knowledge to secure employment and excel as leaders in this rapidly growing sector, both within the UAE and internationally. Career opportunities span a variety of roles, such as:

- Entrepreneur
- Product Developer
- Project Design Manager
- Brand Strategy & Design
- Artistic Director
- Advertising Specialist
- Marketing Specialist
- Social Media Manager
- Media Content Creator
- Creative Director
- Event Manager
- Venue Supervisor
- Marketing Specialist
- Public Relations Specialist
- TV Executive
- Photographer
- Videographer
- Copy Writing Specialist
- User Interface Designer
- Graphic Designer
- Jobs in non-creative businesses (banks, insurance, others)
- Pursuing an academic career and higher education (Masters, PhD, Doctorate).
- Business Manager in the creative industries: Music, Performance, Fashion, Live Entertainment etc.
- Design Manager (business side of design)

a) Program Learning Outcomes (PLOs)

Upon successful completion of the program the student will be able to:

1. Comprehend the cultural, economic, social and political forces behind the commercialization of creativity at an industry-level.
2. Define the business and management concepts and practices applicable to Creative Industries.
3. Explain the broader system of production, distribution, marketing, consumption, and regulation of the key creative industries.
4. Contribute productively to the operation of the Creative Industries by applying a synchronized knowledge of the economic, legal, political, and technological environments in which they function.
5. Demonstrate an entrepreneurial capacity to engage in independent learning and to transform creative ideas into commercial products and services through the application of business and management concepts and practices applicable to media and cultural production.
6. Implement and manage projects requiring problem solving, team building, negotiating and collaborative work practices.
7. Facilitate the work of artists, writers, designers and media makers by applying an integrated knowledge of creative and production processes and that of funding and investment structures, and by recognizing and responding to future challenges and opportunities in their sector.
8. Conduct research relevant to cultural and industry issues, formulating appropriate research questions and conceptual frameworks; employing data collection techniques and appropriate quantitative and qualitative tools and methodologies.
9. Communicate effectively in oral and written formats, using a range of media that are widely used in creative enterprises.
10. Use a range of Information Communication Technology skills and the ways in which emerging technologies are reshaping creative and business processes so as to assist creative enterprises to respond to technological change.
11. Enhance capabilities to develop professional careers in creative industries by applying a critical knowledge of the aesthetic, new theoretical and historical development of one or more creative sub sectors to practical realities of production, promotion, distribution and consumption.

b) Program Learning Outcomes (PLOs) Alignment with QF-Emirates

PLOs	Knowledge	Skills	Aspects of Competence		
			Autonomy & Responsibility	Role in Context	Self-Development
PLO1	✓				
PLO2	✓				
PLO3	✓				
PLO4		✓			
PLO5		✓			
PLO6		✓			
PLO7			✓		
PLO8			✓		
PLO9				✓	
PLO10				✓	
PLO11					✓

c) Bachelor of Arts in Creative Industries (BACI) Program Requirements

Requirements	Compulsory Cr. Hrs.		Elective Cr. Hrs.		Total Cr. Hrs.	
University Requirements (GE Courses)	15		03		18	
Program Core Requirements (Core Courses)	63		09		72	
Modules Requirements (Students are Required to Select Two of the Following Modules)						
Module A: Interior Design	15	30	3	6	18	36
Module B: Media Business	15		3		18	
Module C: Communication Studies	15		3		18	
Total	108		18		126	

University Requirements [General Education Courses - 18 Credits]

Course Code	Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (15 Credits)			
LNG 171	English I	None	3
GED 110	Modern Art Appreciation	None	3
GED 132	Science and Technology in Society	None	3
GED 191	Islamic Studies	None	3
MTH 105	Introduction to Statistics	None	3
Elective Courses (03 Credits): Students are required to select One Course from the following Pool			
ENT 141	Fundamentals of Innovation and Entrepreneurship 1	None	2
ENT 142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
GED 103	Head Anatomy Sculpture	None	3
GED 106	Smart Decisions: Data Literacy and Visualization	None	3
GED 111	Music Appreciation and Communication	None	3
GED 190	Emirati Studies	None	3
GED 196	Communication Skills in Arabic	None	3
GED 205	Psychology in Everyday Life	LNG 172 or LNG 182	3

Program Core Requirements [Core Courses - 72 Credits]

Course Code		Course Title	Pre-requisite	Cr. Hrs.
Compulsory Courses (63 Credits)				
ACC	340	Financial Management	BSM 200	3
BSM	100	The New Business: From Idea to Reality	None	3
BSM	200	The Growing Business: Breaking Even	BSM 100	3
BSM	300	The Mature Business	BSM 200	3
CMN	210	Text, Image and Sound	None	3
CMN	279	Introduction to Professional Communication	None	3
CMN	313	Organizational problem Solving/ Report Writing	CMN 210	3
CMN	448	Introduction to Visual Communication	CMN 210	3
CRI	100	Creative Industries Overview	None	3
CRI	200	IP Issues in the Digital Age	CRI 100	3
CRI	300	Digital Design Studio	CRI 200	3
CRI	301	The Creative Process	CRI 200	3
CRI	400	Entrepreneurship in Creative Industries	CRI 200	3
CRI	402	HR in Creative Industries	CRI 301, BSM 300	3
CRI	403	Creative Industries Research Methodology	CRI 301	3
CRI	404	Managing Creative Enterprises	CRI 400, CRI 402, CRI 403	3
CRI	405	Studies in Creative Collaboration	CRI 402	3
CRI	406	Global Licensing/Distribution Agreements	None	3
CRI	475	Internship	Completion of 90 Cr. Hrs. & CGPA ≥ 2.0	3
EBU	200	e-Business Fundamentals	None	3
PLX	111	Imagining the Creative City	None	3
Elective Courses (09 Credits): Students are required to Select Three Courses from the following courses				
CMN	305	Strategic Public Relations	None	3
CRI	340	Global Entertainment Marketplace	None	3
CRI	430	Canadian Media/Entertainment Industries	None	3
FSN	132	History of Art I	None	3
FSN	203	History of Design	None	3
RTA	101	Introduction to Media Theory and Practice	None	3
RTA	427	Business of Music 1	None	3
IDF	200	Introduction to the World of Design	None	3
MKT	330	Digital Luxury	None	3

Modules Requirements [36 Credits]

Students are required to select TWO of the following Modules:

Module A: Interior Design [18 Credits]

Course Code		Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (15 Credits)				
IDF	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
IDF	309	Sustainable Design	None	3
CRI	461	Big Night Project-ID	Completion of 90 Cr. Hrs.	3
Elective Courses (03 Credits): Students are required to select One Course from the following courses				

Course Code	Course Title	Prerequisite	Cr. Hrs.
DES 110	Design Theory	None	3
DES 213	History of Architecture and Design	None	3
IDF 300	Strategic Thinking and the Deep Dive	IDF 100, IDF 200, IDF 250	4

Module B: Media Business [18 Credits]

Course Code	Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (15 Credits)			
RTA 315	Business of Creative Media	None	3
RTA 402	Social Media	None	3
RTA 408	Business of Producing 1	None	3
RTA 418	Ethics in Media	None	3
CRI 462	Big Night Project-MB	Completion of 90 Cr. Hrs.	3
Elective Courses (03 Credits): Students are required to select One Course from the following courses			
CRI 350	Art and Business of Gaming	None	3
CRI 420	Media Regulation and Communication Policy	None	3
RTA 404	Advanced Media Management	None	3
RTA 415	Legal Issues in Media	None	3
RTA 488	International Media Storytelling	None	3

Module C: Communication Studies [18 Credits]

Course Code	Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (15 Credits)			
CMN 211	Language and Power	CMN 210	3
CMN 269	Countercultural Communication	CMN 211	3
CMN 470	Risk and Crisis Communication	RTA 402	3
RTA 402	Social Media	None	3
CRI 463	Big Night Project-CS	Completion of 90 Cr. Hrs.	3
Elective Courses (03 Credits): Students are required to select One Course from the following courses			
CMN 402	Theorizing Communication	None	3
CMN 450	Participatory Media Communication	None	3
NNS 325	The Business of Journalism	None	3
IDF 300	Strategic Thinking and the Deep Dive	IDF 100, IDF 200, IDF 250	4

Study Plan - Bachelor of Arts in Creative Industries (BACI)

Sem.	Course Code		Course Title	Prerequisite	Cr. Hrs.
Semester 1	BSM	100	The New Business: From Idea to Reality	None	3
	CRI	100	Creative Industries Overview	None	3
	GED	132	Science and Technology in Society	None	3
	GED	110	Modern Art Appreciation	None	3
	LNG	171	English I	None	3
	Total				15
Semester 2	BSM	200	The Growing Business: Breaking Even	BSM 100	3
	CMN	210	Text, Image and Sound	None	3
	CRI	200	IP Issues in the Digital Age	CRI 100	3
	MTH	105	Introduction to Statistics	None	3
	PLX	111	Imagining the Creative City	None	3
	Total				15
Semester 3	CMN	279	Introduction to Professional Communication	None	3
	CMN	448	Introduction to Visual Communication	CMN 210	3
	CRI	300	Digital Design Studio	CRI 200	3
	CRI	301	The Creative Process	CRI 200	3
	XXX	XXX	Module 1: Required Course (1)		3
	XXX	XXX	Module 2: Required Course (1)		3
	Total				18
Semester 4	CRI	400	Entrepreneurship in Creative Industries	CRI 200	3
	XXX	XXX	Module 1: Required Course (2)		3
	XXX	XXX	Module 1: Required Course (3)		3
	XXX	XXX	Module 2: Required Course (2)		3
	XXX	XXX	Module 2: Required Course (3)		3
	Total				15
Semester 5	ACC	340	Financial Management	BSM 200	3
	GED	191	Islamic Studies	None	3
	XXX	XXX	GE Elective Course		3
	XXX	XXX	CRI Department Elective Course (1)		3
	XXX	XXX	Module 1: Required Course (4)		3
	XXX	XXX	Module 2: Required Course (4)		3
Total				18	
Semester 6	BSM	300	The Mature Business	BSM 200	3
	CMN	313	Organizational problem Solving/ Report Writing	CMN 210	3
	XXX	XXX	CRI Department Elective Course (2)		3
	XXX	XXX	Module 1: Elective Course (1)		3
	XXX	XXX	Module 2: Elective Course (1)		3
	Total				15
Semester 7	EBU	200	e-Business Fundamentals	None	3
	CRI	402	HR in Creative Industries	CRI 301, BSM 300	3
	CRI	403	Creative Industries Research Methodology	CRI 301	3
	CRI	46x	Module 1: The Big Night - Required Course (5)	Completion of 90 Cr. Hrs.	3
	XXX	XXX	CRI Department Elective Course (3)		3
	Total				15
Semester 8	CRI	404	Managing Creative Enterprises	CRI 400, CRI 402, CRI 403	3
	CRI	406	Global Licensing/Distribution Agreements	None	3
	CRI	405	Studies in Creative Collaboration	CRI 402	3
	CRI	46x	Module 2: The Big Night - Required Course (5)	Completion of 90 Cr. Hrs.	3
	CUD	475	Internship **	Completion of 90 Cr. Hrs. & CGPA ≥ 2.0	3
	Total				15
** Students are advised to complete the Internship in the summer semester					
Total Credit Hours					126

School of Health Sciences, Digital Innovation and Sustainability

A Word from the Dean

Welcome to the School of Health Sciences, Digital Innovation and Sustainability

On behalf of the community of the School of Health Sciences, Digital Innovation and Sustainability (SHSDIS), it is my privilege to welcome you to a School that stands at the very intersection of the disciplines shaping our world today and tomorrow.

We live in an era defined by complexity. The grand challenges of our time, from global public health crises and environmental degradation to rapid technological disruption, do not respect disciplinary boundaries, and neither should the education that equips you to address them. Health sciences, digital innovation, and sustainability are not parallel tracks; they are deeply intertwined domains that reinforce and amplify one another.

Our school intentionally brings together different dimensions, training you not simply as professionals in a single field but as interdisciplinary thinkers equipped to lead at the nexus of human well-being, technological intelligence, and ecological responsibility. Our academic programs, research agenda, and community engagement are anchored in the UAE's national sustainability pillars. We offer a carefully curated portfolio of programs designed to meet both the demands of the marketplace and the obligations of responsible global citizenship. Our BSc programs are also recognized as pre-medicine pathways, opening doors to selected medical schools in North America.

Through our Canada Pathways, students in our school can pursue credit transfer, dual degrees, exchange programs, and graduate-level continuation at partner Canadian institutions.

We are committed to your success, academically, professionally, and as a human being engaged with the world. Our faculty will challenge you. Our programs will stretch you. Our community will support you. And the knowledge and skills you gain here will serve you and serve others for a lifetime.

School of Health Sciences, Digital Innovation and Sustainability (SHSDIS)

Canadian University Dubai

22.10 Department of Environmental Innovation and Sustainability

22.10.1 Bachelor of Science in Environmental Sciences and Sustainability

Description:

The Bachelor of Science in Environmental Sciences and Sustainability (BScESS) is an interdisciplinary undergraduate program that prepares graduates to address complex environmental and sustainability challenges through science-based, data-driven, and systems-oriented approaches. The program integrates core knowledge in environmental science, chemistry, biology, statistics, hydrology, environmental health, GIS, environmental economics, and policy to enable students to analyze environmental processes and human–environment interactions and support evidence-based decision-making. Students develop theoretical and practical competencies in environmental monitoring, impact assessment, resource management, pollution control, natural hazards, and spatial and temporal data analysis, supported by tools such as statistical modeling, remote sensing, and GIS. The program emphasizes sustainability, environmental governance, and systems thinking, along with innovation and applied problem-solving, to support resilient and responsible development. Experiential learning is embedded through applied research, major electives, and internship opportunities to ensure professional readiness.

The BScESS program offers two concentration pathways: (i) Climate Change Mitigation and Adaptation, and (ii) Sustainable Development and Systems, each consisting of 18 credit hours. Students are required to select one concentration pathway. Intelligence, are accredited by the UAE Ministry of Higher Education and Scientific Research.

Benefits:

Specialized Knowledge in Environmental Sciences and Sustainability: Students gain a comprehensive interdisciplinary education in environmental science, sustainability, climate change, environmental policy, and resource management. The curriculum equips graduates with the scientific, analytical, and technical expertise needed to address complex environmental challenges and support sustainable development.

Industrial Focus: The program integrates environmental governance, sustainability management, environmental economics, and policy. Students develop the professional competencies required to manage environmental projects, support regulatory compliance, and contribute to sustainability initiatives across public, private, and non-governmental sectors.

Hands-On Learning: Learning extends beyond the classroom through environmental monitoring, GIS applications, environmental data analytics, impact assessment, applied research, and internship experiences. Students gain practical skills in collecting, analyzing, and interpreting environmental data to solve real-world sustainability challenges.

Applied Research: Students complete a concentration-specific Applied Research Project that requires them to investigate complex environmental or sustainability challenges using scientific methods, data analysis, and evidence-based decision-making. This experience strengthens their research, critical thinking, and professional communication skills.

Global Relevance: The curriculum addresses global environmental priorities, including climate change, sustainable development, environmental governance, pollution management, and resource conservation. Graduates are prepared to contribute to sustainability initiatives aligned with international frameworks and emerging environmental challenges worldwide.

Sustainability and Ethics: Sustainability principles are embedded throughout the program. Students develop systems-thinking skills and learn to evaluate environmental decisions through scientific,

ethical, social, and economic perspectives, promoting responsible environmental stewardship and sustainable development.

Flexible Electives: Students can customize their learning experience through a range of environmental sciences and sustainability electives, allowing them to explore specialized interests such as urban sustainability, ESG and corporate sustainability, environmental risk assessment, carbon accounting, and environmental contaminants.

Faculty-Driven Research Opportunities: Through courses in environmental data analytics, environmental impact assessment, GIS, climate science, and applied research projects, students develop strong research capabilities under faculty supervision. These experiences provide opportunities to contribute to faculty-led research addressing environmental and sustainability challenges.

Entrepreneurial and Innovation Training: Students develop entrepreneurial thinking and innovation skills through dedicated entrepreneurship courses and sustainability-focused problem solving. Graduates are prepared to develop innovative environmental solutions and contribute to emerging green economy sectors.

Career Opportunities:

As an As a graduate of the Bachelor of Science in Environmental Sciences and Sustainability program, students will have the qualifications and skills to pursue career opportunities such as:

- Environmental Scientist
- Environmental Consultant
- Sustainability Consultant
- Environmental Monitoring Officer
- Environmental Impact Assessment Specialist
- Climate Change Analyst
- Sustainability Planner
- ESG Analyst
- Corporate Sustainability Officer
- Environmental Compliance Officer
- Carbon Management Specialist
- Sustainability Reporting Specialist
- Circular Economy Specialist
- GIS and Environmental Information Specialist

a) Program Learning Outcomes (PLOs)

Upon successful completion of the program the student will be able to:

1. Demonstrate advanced knowledge of environmental science and sustainability for informed problem-solving and decisions.
2. Apply advanced skills to analyze environmental data and conduct evidence-based evaluations using appropriate tools.
3. Solve complex environmental problems using innovative and interdisciplinary approaches in diverse contexts.
4. Conduct research to analyze environmental issues and develop evidence-based solutions.
5. Manage environmental projects, demonstrate leadership, and make decisions in complex situations.

6. Demonstrate ethical behavior, responsible citizenship, and commitment to lifelong learning and entrepreneurship.
7. Communicate effectively in oral and written forms and collaborate in multidisciplinary teams to achieve sustainability goals.

PLOs for Climate Change Mitigation and Adaptation Concentration

C1: Apply climate science and carbon management knowledge to design mitigation and adaptation strategies.

C2: Develop sustainable, policy-relevant solutions to climate change challenges with professional responsibility and decision-making.

PLOs for Sustainable Development and Systems Concentration

S1: Apply systems thinking and resource management to design and evaluate sustainable development solutions.

S2: Develop circular economy solutions demonstrating leadership, sustainability responsibility, and entrepreneurship.

b) Program Learning Outcomes (PLOs) Alignment with QF-Emirates

PLOs	Knowledge	Skills	Responsibility
PLO1	✓		
PLO2		✓	
PLO3		✓	
PLO4	✓	✓	
PLO5			✓
PLO6			✓
PLO7		✓	✓
PLOC1	✓	✓	
PLOC2	✓	✓	✓
PLOS1	✓	✓	
PLOS2		✓	✓

c) Programs Requirements

Requirements	Compulsory Cr. Hrs.	Elective Cr. Hrs.	Total Cr. Hrs.
University Requirements (GE Courses)	21	03	24
Program Core Requirements (Core Courses)	78	06	84
Concentration Requirements (<i>Students are required to select One of the following two Concentrations</i>)			
1. Climate Change Mitigation and Adaptation	18	-	18
2. Sustainable Development and Systems			
Total	117	09	126

University Requirements [General Education Courses - 24 Credits]

Course Code	Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (21 Credits)			
LNG 171	English I	None	3
LNG 172	English II	LNG 171	3
GED 102	AI in Modern Life	None	3
GED 190	Emirati Studies	None	3

Course Code	Course Title	Prerequisite	Cr. Hrs.
GED 255	Critical Thinking and Problem Solving	LNG 172	3
ENT 141	Fundamentals of Innovation and Entrepreneurship 1	None	2
ENT 142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
ENT 241	Entrepreneurship 1	ENT 142	2
ENT 242	Entrepreneurship 2	ENT 241	1
Elective (Humanities - 03 Credits): Students are required to Select One Course from the following Pool			
GED 103	Head Anatomy Sculpture	None	3
GED 106	Smart Decisions: Data Literacy and Visualization	None	3
GED 110	Modern Art Appreciation	None	3
GED 111	Music Appreciation and Communication	None	3
GED 191	Islamic Studies	None	3
GED 196	Communication Skills in Arabic	None	3
GED 205	Psychology in Everyday Life	LNG 172	3
GED 324	Ethical Reasoning for Today's World	LNG 172	3
GED 330	Introduction to Canadian Studies	None	3

Program Core Requirements [Core Courses - 84 Credits]

Course Code	Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (78 Credits)			
MTH 105	Introduction to Statistics	None	3
MTH 112	Calculus I	None	3
BIO 102	Biology I	None	3
BIO 202	Biology II	BIO 102	3
ENV 201	Principles of Environmental Science	None	3
ENV 220	Introduction to Environmental Health	ENV 201	3
ENV 302	Environmental Microbiology	None	3
ENV 309	Impacts of Earth Resources and Natural Hazards on the Environment	ENV 201	3
ENV 322	Management of Domestic and Hazardous Wastes	ENV 220	3
ENV 323	Indoor and Outdoor Air Pollution	ENV 220	3
ENV 330	Hydrology and Water Waste Management	ENV 201	3
ENV 417	Toxicology	BIO 202	3
ENV 418	Marine Pollution	ENV 201	3
ENV 423	Environmental Management: Theory and Practice	ENV 322, ENV 323, ENV 330, ENV 418	3
ENV 424	Impacts of Climate Change Policy on Environmental Management	ENV 323	3
SCI 210	Modern Physics	None	3
SHS 103	Chemistry	None	3
SHS 105	Organic Chemistry	SHS 103	3
SHS 205	Biochemistry	SHS 105	3
ESS 110	Principles of Sustainability	None	3
ESS 220	Energy Systems	ENV 201 and SCI 210	3
ESS 221	Environmental Economics	MTH 105 and MTH 112	3
ESS 310	Geographic Information Systems	MTH 105	3
ESS 320	Environmental Data Analytics	ESS 310	3
ESS 321	Environmental Impact Assessment	Co-req ENV 309	3

Course Code	Course Title	Prerequisite	Cr. Hrs.
ESS 420	Environmental Law, Policy and Governance	ENV 201	3
Elective Courses (6 Credits): Students are required to Select Two Courses from the following:			
ESS 441	Urban Sustainability	ESS 110	3
ESS 442	Environmental Risk Assessment	ENV 201	3
ESS 443	ESG & Corporate Sustainability	ESS 110	3
ESS 444	Carbon Accounting & Reporting	ESS 221	3
ESS 445	Food Safety & Environmental Contaminants	ENV 201	3

Program Concentrations Requirement [18 Credits]

All students enrolled in the Bachelor of Science in Environmental Sciences and Sustainability program are required to select one of the Concentrations and successfully complete all the courses of selected Concentration.

Concentration 1: Climate Change Mitigation and Adaptation

Course Code	Course Title	Prerequisite	Cr. Hrs.
CAM 410	Climate Science and Modelling	Co-req ESS 320	3
CAM 411	Carbon Reduction Approaches	ESS 221	3
CAM 412	Climate Change Adaptation Strategies	ESS 321	3
Practical Experience and Project (The internship and projects will align with the concentration pathway.)			
CAM 413	Applied Research in Climate Change Mitigation and Adaptation	90 credit hours completed	6
CAM 414	Internship in Climate Change Mitigation and Adaptation	Minimum of 81 credit hours completed and a CGPA of at least 2.0	3

Concentration 2: Sustainable Development and Systems

Course Code	Course Title	Prerequisite	Cr. Hrs.
SDS 410	Sustainable Resource Management	ENV 309	3
SDS 411	Integrated Sustainability Systems & Nexus Planning	ESS 110	3
SDS 412	Circular Economy and Policy Implementation	ENV 321	3
Practical Experience and Project (The internship and projects will align with the concentration pathway.)			
SDS 413	Applied Research in Sustainable Development Systems	90 credit hours completed	6
SDS 414	Internship in Sustainable Development Systems	Minimum of 81 credit hours completed and a CGPA of at least 2.0	3

Study Plan – BScESS - Climate Change Mitigation and Adaptation

Sem.	Course Code	Course Title	Prerequisite	Cr. Hrs.
Semester 1	BIO 102	Biology I	None	3
	ESS 110	Principles of Sustainability	None	3
	LNG 171	English I	None	3
	SHS 103	Chemistry	None	3
	ENT 141	Fundamentals of Innovation and Entrepreneurship 1	None	2
	TOTAL			14
Semester 2	LNG 172	English II	LNG 171	3
	MTH 105	Introduction to Statistics	None	3
	SHS 105	Organic Chemistry	SHS 103	3
	ENT 142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
	BIO 202	Biology II	BIO 102	3
	GED 102	AI in Modern Life	None	3
	TOTAL			16
Semester 3	MTH 112	Calculus I	None	3
	GED 190	Emirati Studies	None	3
	GED 255	Critical Thinking and Problem Solving	LNG 172	3
	ENV 201	Principles of Environmental Science	None	3
	ENT 241	Entrepreneurship 1	ENT 142	2
	TOTAL			14
Semester 4	ENV 220	Introduction to Environmental Health	ENV 201	3
	ENV 302	Environmental Microbiology	None	3
	ENT 242	Entrepreneurship 2	ENT 241	1
	SCI 210	Modern Physics	None	3
	ESS 221	Environmental Economics	MTH 112 and MTH 105	3
	GED XXX	Humanities Elective		3
	TOTAL			16
Semester 5	ESS 220	Energy Systems	ENV 201 and SCI 210	3
	SHS 205	Biochemistry	SHS 105	3
	ESS 310	Geographic Information Systems	MTH 105	3
	ENV 330	Hydrology and Water Waste Management	ENV 201	3
	ENV 309	Impacts of Earth Resources and Natural Hazards on the Environment	ENV 201	3
	TOTAL			15
Semester 6	ESS 320	Environmental Data Analytics	ESS 310	3
	ENV 322	Management of Domestic and Hazardous Wastes	ENV 220	3
	ENV 323	Indoor and Outdoor Air Pollution	ENV 220	3
	ESS 321	Environmental Impact Assessment	Co-req ENV 309	3
	CAM 410	Climate Science and Modelling	Co-req ESS 320	3
	TOTAL			15
Semester 7	ENV 417	Toxicology	BIO 202	3
	ENV 418	Marine Pollution	ENV 201	3
	CAM 411	Carbon Reduction Approaches	ESS 221	3
	CAM 413	Applied Research in Climate Change Mitigation and Adaptation	90 credit hours completed	6
	TOTAL			15
Semester 8	CAM 413	Applied Research in Climate Change Mitigation and Adaptation (Cont'd.)		--
	ESS 420	Environmental Law, Policy and Governance	ENV 201	3
	ESS XXX	Elective I		3
	ESS XXX	Elective II		3
	CAM 412	Climate Change Adaptation Strategies	ESS 321	3
	ENV 423	Environmental Management: Theory and Practice	ENV 322, ENV 323, ENV 330, ENV 418	3
	ENV 424	Impacts of Climate Change Policy on Environmental Management	ENV 323	3
	TOTAL			18
Summer	CAM 414	Internship in Climate Change Mitigation and Adaptation	Min. 81 Cr. Hrs. and CGPA of at least 2.0	3
Total Credit Hours				126

Study Plan – BScESS - Sustainable Development and Systems

Sem.	Course Code	Course Title	Prerequisite	Cr. Hrs.
Semester 1	BIO 102	Biology I	None	3
	ESS 110	Principles of Sustainability	None	3
	LNG 171	English I	None	3
	SHS 103	Chemistry	None	3
	ENT 141	Fundamentals of Innovation and Entrepreneurship 1	None	2
	TOTAL			14
Semester 2	LNG 172	English II	LNG 171	3
	MTH 105	Introduction to Statistics	None	3
	SHS 105	Organic Chemistry	SHS 103	3
	ENT 142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
	BIO 202	Biology II	BIO 102	3
	GED 102	AI in Modern Life	None	3
	TOTAL			16
Semester 3	MTH 112	Calculus I	None	3
	GED 190	Emirati Studies	None	3
	GED 255	Critical Thinking and Problem Solving	LNG 172	3
	ENV 201	Principles of Environmental Science	None	3
	ENT 241	Entrepreneurship 1	ENT 142	2
	TOTAL			14
Semester 4	ENV 220	Introduction to Environmental Health	ENV 201	3
	ENV 302	Environmental Microbiology	None	3
	ENT 242	Entrepreneurship 2	ENT 241	1
	SCI 210	Modern Physics	None	3
	ESS 221	Environmental Economics	MTH 112 and MTH 105	3
	GED XXX	Humanities Elective		3
	TOTAL			16
Semester 5	ESS 220	Energy Systems	ENV 201 and SCI 210	3
	SHS 205	Biochemistry	SHS 105	3
	ESS 310	Geographic Information Systems	MTH 105	3
	ENV 330	Hydrology and Water Waste Management	ENV 201	3
	ENV 309	Impacts of Earth Resources and Natural Hazards on the Environment	ENV 201	3
	TOTAL			15
Semester 6	ESS 320	Environmental Data Analytics	ESS 310	3
	ENV 322	Management of Domestic and Hazardous Wastes	ENV 220	3
	ENV 323	Indoor and Outdoor Air Pollution	ENV 220	3
	ESS 321	Environmental Impact Assessment	Co-req ENV 309	3
	SDS 410	Sustainable Resource Management	ENV 309	3
	TOTAL			15
Semester 7	ENV 417	Toxicology	BIO 202	3
	ENV 418	Marine Pollution	ENV 201	3
	SDS 411	Integrated Sustainability Systems & Nexus Planning	ESS 110	3
	SDS 413	Applied Research in Sustainable Development Systems*	90 credit hours completed	6
	TOTAL			15
Semester 8	SDS 413	Applied Research in Sustainable Development Systems (Cont'd.)		--
	ESS 420	Environmental Law, Policy and Governance	ENV 201	3
	ESS XXX	Elective I		3
	ESS XXX	Elective II		3
	SDS 412	Circular Economy and Policy Implementation	ENV 321	3
	ENV 423	Environmental Management: Theory and Practice	ENV 322, ENV 323, ENV 330, ENV 418	3
	ENV 424	Impacts of Climate Change Policy on Environmental Management	ENV 323	3
	TOTAL			18
Summe r	SDS 414	Internship in Sustainable Development Systems	Min. 81 Cr. Hrs. and CGPA of at least 2.0	3
Total Credit Hours				126

22.10.2 Master of Science in Environmental Artificial Intelligence

Description: The Master of Science in Environmental Artificial Intelligence (MScEAI) is an interdisciplinary graduate program that integrates advanced artificial intelligence techniques with environmental science to address global sustainability challenges. It equips students with expertise in machine learning, data analytics, remote sensing, and ecological modelling to analyse complex environmental systems. The program emphasises practical applications of AI in climate change mitigation, biodiversity conservation, renewable energy optimisation, and smart resource management. Students develop strong computational skills alongside a deep understanding of environmental processes and policy frameworks. Through hands-on projects and research, learners apply AI-driven solutions to real-world environmental problems. The curriculum fosters innovation, critical thinking, and ethical responsibility in the deployment of AI technologies for environmental stewardship. Graduates are prepared for impactful careers in research, industry, government, and international sustainability initiatives.

Benefits: The MSc in Environmental Artificial Intelligence equip graduates with cutting-edge skills in AI, remote sensing, and climate modelling to address pressing sustainability challenges at local and global levels. With the nation committed to Net Zero by 2050 and billions pledged in clean energy investment, demand for professionals who bridge environmental science and intelligent systems has never been greater. The program develops analytical fluency to translate complex environmental data into actionable policy, infrastructure, and ESG decisions across industries such as energy, construction, and urban development. Students benefit from direct engagement with landmark UAE initiatives such as the Green Agenda, Masdar City, and the Ministry of Climate Change & Environment, offering a learning environment uniquely unavailable elsewhere. A research-driven capstone thesis conducted in partnership with government bodies and industry leaders ensures graduates produce work with tangible, real-world impact.

Career Opportunities:

As graduates of the MSc in Environmental Artificial Intelligence, students will have the qualifications and skills to pursue career opportunities such as:

- Environmental data scientists
- AI specialists
- Sustainability analysts
- Research professionals in governmental, industrial, and academic sectors

a) Program Learning Outcomes (PLOs)

Upon successful completion of the program the student will be able to:

1. Demonstrate advanced, integrated knowledge of artificial intelligence, mathematics, statistics, and machine learning for sustainable environmental systems.
2. Analyze, preprocess, integrate, and manage environmental datasets using robust, scalable, reproducible, and sustainable data engineering practices.
3. Design, implement, and evaluate innovative machine learning models for sustainable environmental monitoring, forecasting, and decision support.
4. Apply data-driven and artificial intelligence methods to assess environmental risks and support sustainable resilience strategies and decision-making.
5. Conduct independent research in environmental artificial intelligence to develop innovative entrepreneurial solutions and communicate findings effectively to diverse audiences.

6. Demonstrate professional responsibility, applying responsible artificial intelligence, sustainability, ethics, teamwork, leadership, and good research practice.

b) Program Learning Outcomes (PLOs) Alignment with QF-Emirates

PLOs	Knowledge	Skills	Responsibility
PLO1	✓		
PLO2	✓	✓	
PLO3		✓	
PLO4	✓	✓	✓
PLO5		✓	✓
PLO6			✓

c) Program Requirements

Requirements	Compulsory Cr. Hrs.	Elective Cr. Hrs.	Total Cr. Hrs.
Program Core Requirements (Core Courses)	21	06	27
Practicum Requirement	03	-	03
Thesis	06	-	06
Total	30	06	36

Program Core Requirements [27 Credits]

Course Code	Course Title	Prerequisite	Cr. Hrs.
Core Courses (21 Credits)			
MAI 600	Mathematics and Statistics for AI	None	3
MAI 602	Machine Learning	None	3
MEI 600	Programming for Environmental Intelligence	None	3
MEI 601	AI for Climate Science and Environmental Systems	None	3
MEI 602	Environmental Data Engineering	MEI 600	3
MEI 603	Deep Learning for Earth Observation	MAI 602	3
MEI 604	Research Methods in Environmental AI	MAI 600	3
Elective Courses (06 Credits): Students are required to select TWO Courses from the following courses			
MEI 605	Geospatial Artificial Intelligence	MEI 601 and MAI 602	3
MEI 606	Urban Environmental Analytics	MEI 603	3
MEI 607	Sustainability Policy Analytics	MEI 602	3
MEI 608	Climate Risk Analytics	MAI 602	3
MEI 609	AI for Smart and Sustainable Cities	MEI 602	3
MEI 610	AI for Renewable and Smart Energy Systems	MEI 602	3

Practicum and Master's Thesis Requirements [09 Credits]

Course Code	Course Title	Prerequisite	Cr. Hrs.
Practicum Requirement (03 Credits)			
MEI 620	Environmental Artificial Intelligence Practicum	Completed 21 Credit Hours	3
Dissertation Requirement (06 Credits)			
MEI 621	Master's Thesis	Completed 21 Credit Hours and MEI 604	6

Study Plan - Master of Science in Environmental Artificial Intelligence (MScEAI)

Sem.	Course Code	Course Title	Prerequisite/Corequisite	Cr. Hrs.
Semester 1	MAI 600	Mathematics and Statistics for AI	None	3
	MEI 600	Programming for Environmental Intelligence	None	3
	MEI 601	AI for Climate Science and Environmental Systems	None	3
	MAI 602	Machine Learning	None	3
	Total			12
Semester 2	MEI 602	Environmental Data Engineering	MEI 600	3
	MEI 603	Deep Learning for Earth Observation	MAI 602	3
	MEI 604	Research Methods in Environmental AI	MAI 600	3
	MEI XXX	Elective Course		3
	Total			12
Summer	MEI 620	Environmental Artificial Intelligence Practicum	Completed 21 Credit Hours	3
	Total			3
Semester 3	MEI XXX	Elective Course		3
	MEI 621	Master’s Thesis	Completed 21 Credit Hours including MEI 604	6
	Total			9
Total Credit Hours				36

Note: The Environmental Artificial Intelligence Practicum will be completed in the summer semester following the successful completion of at least 21 credit hours.

22.10.3 Postgraduate Diploma in Environmental Artificial Intelligence

Description:

The Postgraduate Diploma in Environmental Artificial Intelligence program equips students with expertise in machine learning, data analytics, remote sensing, and ecological modeling to analyze complex environmental systems. The program emphasizes practical applications of AI in climate change mitigation, biodiversity conservation, renewable energy optimization, and smart resource management. Students develop strong computational skills alongside a deep understanding of environmental processes and policy frameworks. Through hands-on projects and research, learners apply AI-driven solutions to real-world environmental problems. The curriculum fosters innovation, critical thinking, and ethical responsibility in deploying AI technologies for environmental stewardship. Graduates are prepared for impactful careers in research, industry, government, and international sustainability initiatives.

This diploma is offered as an exit option after completing the required coursework of the MScEAI program, without the Master's thesis and practicum.

Benefits:

The Postgraduate Diploma in Environmental Artificial Intelligence (PGDEAI) equips graduates with cutting-edge skills in AI, remote sensing, and climate modelling to address pressing sustainability challenges at local and global levels. With the nation committed to Net Zero by 2050 and billions pledged in clean energy investment, demand for professionals who bridge environmental science and intelligent systems has never been greater. The program develops analytical fluency to translate complex environmental data into actionable policy, infrastructure, and ESG decisions across industries such as energy, construction, and urban development. Students benefit from

direct engagement with landmark UAE initiatives such as the Green Agenda, Masdar City, and the Ministry of Climate Change & Environment, offering a learning environment uniquely unavailable elsewhere. A research-driven capstone thesis conducted in partnership with government bodies and industry leaders ensures graduates produce work with tangible, real-world impact.

Career Opportunities:

As graduates of the Postgraduate Diploma in Environmental Artificial Intelligence (PGDEAI), students will have the qualifications and skills to pursue career opportunities such as:

- Environmental data scientists
- AI specialists
- Sustainability analysts
- Research professionals in governmental, industrial, and academic sectors

a) Program Learning Outcomes (PLOs)

Upon successful completion of the program the student will be able to:

1. Demonstrate advanced, integrated knowledge of artificial intelligence, mathematics, statistics, and machine learning for sustainable environmental systems.
2. Analyze, preprocess, integrate, and manage environmental datasets using robust, scalable, reproducible, and sustainable data engineering practices.
3. Design, implement, and evaluate innovative machine learning models for sustainable environmental monitoring, forecasting, and decision support.
4. Apply data-driven and artificial intelligence methods to assess environmental risks and support sustainable resilience strategies and decision-making.
5. Conduct independent research in environmental artificial intelligence to develop innovative entrepreneurial solutions and communicate findings effectively to diverse audiences.
6. Demonstrate professional responsibility, applying responsible artificial intelligence, sustainability, ethics, teamwork, leadership, and good research practice.

b) Program Learning Outcomes (PLOs) Alignment with QF-Emirates

PLOs	Knowledge	Skills	Responsibility
PLO1	✓		
PLO2	✓	✓	
PLO3		✓	
PLO4	✓	✓	✓
PLO5		✓	✓
PLO6			✓

c) Program Requirements

Requirements	Compulsory Cr. Hrs.	Elective Cr. Hrs.	Total Cr. Hrs.
Program Core Requirements (Core Courses)	21	03	24
Total	21	03	24

Program Core Requirements [24 Credits]

Course Code	Course Title	Prerequisite	Cr. Hrs.
Core Courses (21 Credits)			
MAI 600	Mathematics and Statistics for AI	None	3
MAI 602	Machine Learning	None	3
MEI 600	Programming for Environmental Intelligence	None	3
MEI 601	AI for Climate Science and Environmental Systems	None	3
MEI 602	Environmental Data Engineering	MEI 600	3
MEI 603	Deep Learning for Earth Observation	MAI 602	3
MEI 604	Research Methods in Environmental AI	MAI 600	3
Elective Courses (03 Credits): Students are required to select ONE Course from the following courses			
MEI 605	Geospatial Artificial Intelligence	MEI 601 and MAI 602	3
MEI 606	Urban Environmental Analytics	MEI 603	3
MEI 607	Sustainability Policy Analytics	MEI 602	3
MEI 608	Climate Risk Analytics	MAI 602	3
MEI 609	AI for Smart and Sustainable Cities	MEI 602	3
MEI 610	AI for Renewable and Smart Energy Systems	MEI 602	3

Study Plan – Postgraduate Diploma in Environmental Artificial Intelligence (PGDEAI)

Sem.	Course Code	Course Title	Prerequisite/Corequisite	Cr. Hrs.
Semester 1	MAI 600	Mathematics and Statistics for AI	None	3
	MEI 600	Programming for Environmental Intelligence	None	3
	MEI 601	AI for Climate Science and Environmental Systems	None	3
	MAI 602	Machine Learning	None	3
	Total			12
Semester 2	MEI 602	Environmental Data Engineering	MEI 600	3
	MEI 603	Deep Learning for Earth Observation	MAI 602	3
	MEI 604	Research Methods in Environmental AI	MAI 600	3
	MEI XXX	Elective Course		3
	Total			12
Total Credit Hours				24

22.11 Department of Public Health

22.11.1 Bachelor of Science in Public Health and Environmental Health Management

Description:

The Bachelor of Science in Public Health and Environmental Health Management (PH-EHM) provides students with a strong foundation in life sciences, public health, and sustainability principles. The curriculum combines scientific, managerial, and policy perspectives to address how environmental factors, including air, water, soil, and food, affect population health and ecosystem sustainability. Students are introduced to methodologies for assessing environmental risks, applying health protection measures, and developing management systems in line with national and international standards. The program emphasizes applied learning alongside theoretical study. Laboratory work, field experiences, internships, and community projects allow students to gain practical skills in identifying, analyzing, and solving environmental health problems. Communication and leadership skills are also developed to prepare students for professional collaboration, individual research, and innovative problem-solving in diverse contexts.

Benefits:

- **Specialized Knowledge in PH-EHM:** Students gain a comprehensive, multidisciplinary education that bridges life sciences, public health, and environmental management. The curriculum gives graduates an in-depth, field-ready understanding of how environmental factors affect population health and ecosystem sustainability.
- **Industrial Management Focus:** The program integrates environmental and health management principles. Students develop the managerial competencies needed to lead environmental health operations in industrial, governmental, and community settings.
- **Hands-On Learning:** Learning goes well beyond the classroom through laboratory sessions, field experiences, internships, and community projects. The dedicated Internship places students in real professional environments, where they apply their scientific and managerial skills to address genuine environmental health challenges.
- **Capstone Projects:** Students undertake an integrative capstone experience that requires them to design, conduct, and communicate original research. This prepares graduates to independently investigate complex public health and environmental issues and contribute meaningful solutions to the field.
- **Global Relevance:** The curriculum is grounded in national and international standards through addressing pressing worldwide challenges. The program equips graduates to operate effectively in both regional and global professional contexts.
- **Sustainability and Ethics:** Sustainability is embedded throughout the program. Paired with an ethics focus, students are trained to make decisions that are not only scientifically sound but also responsible, equitable, and aligned with long-term environmental stewardship.
- **Flexible Electives:** Students tailor their degree toward their career interests and professional goals through a range of major electives.
- **Faculty-Driven Research Opportunities:** Through courses such as Biostatistics, Epidemiology, and Applied Research in Health Administration, students are trained in rigorous research methodologies under faculty guidance. This foundation enables students to engage in faculty-led research initiatives and contribute to advancing evidence-based environmental health practices.

- **Entrepreneurial and Innovation Training:** Students are equipped with the innovation mindset and entrepreneurial skills to develop novel solutions and pursue impactful careers at the intersection of Public Health and Environmental Management.

Career Opportunities:

As an Environmental Health Management graduate your career opportunities are broad, you will have a chance to make an impact on peoples' lives and contribute to healthier societies, you will also be highly employable in a range of careers. Jobs in the field of environmental health management has no bounds. There is no shortage of job opportunities in institutions and professions linked to:

- Government Ministries (e.g Ministry of Climate Change and Environment, Dubai Municipality)
- Environmental Health Specialist
- Environmental Consultant
- Environmental Scientist
- Food Safety Specialist
- Occupational Safety and Health Specialist
- Sustainability Consultant
- Water Quality Scientist, and
- Waste Management Officer

In these career areas, you will be responsible for enforcement related to environmental health laws and regulations, consultation, education, research, management, and implementation of systems.



a) Program Learning Outcomes (PLOs)

Upon successful completion of the program the student will be able to:

1. Demonstrate an understanding of the fundamentals of life sciences.
2. Demonstrate an understanding of fundamental concepts of Public Health and related issues.
3. Comprehend specialized knowledge of professionally recognized methodologies applied in environmental health management.
4. Communicate orally and in writing to different audiences in compliance with professional standards.
5. Critically analyze and solve existing environmental health problems.
6. Design and implement adequate solutions to protect Public Health using approved national and international practices.
7. Work in an effective and creative way individually and in teams and demonstrate innovative leadership skills.
8. Develop environmental management systems in compliance with national and international standards.
9. Recognize the impact of economic, legal, ethical, and societal factors on Public Health.
10. Assimilate current and evolving theories and skills in the field of Environmental Health.

b) Program Learning Outcomes (PLOs) Alignment with QF-Emirates

PLOs	Knowledge	Skills	Aspects of Competence		
			Autonomy & Responsibility	Role in Context	Self-Development
PLO1	✓				
PLO2	✓				
PLO3	✓				
PLO4		✓			
PLO5		✓			
PLO6		✓			
PLO7			✓		
PLO8				✓	
PLO9				✓	
PLO10					✓

c) Programs Requirements

Requirements	Compulsory Cr. Hrs.	Elective Cr. Hrs.	Total Cr. Hrs.
University Requirements (GE Courses)	21	03	24
Program Core Requirements (Core Courses)	69	-	69
Program Major Requirements	33	03	36
Total	123	06	129

University Requirements [General Education Courses - 24 Credits]

Course Code	Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (21 Credits)			
LNG 171	English I	None	3
LNG 172	English II	LNG 171	3
GED 102	AI in Modern Life	None	3
GED 190	Emirati Studies	None	3
GED 255	Critical Thinking and Problem Solving	LNG 172 or LNG 182	3
ENT 141	Fundamentals of Innovation and Entrepreneurship 1	None	2
ENT 142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
ENT 241	Entrepreneurship 1	ENT 142	2
ENT 242	Entrepreneurship 2	ENT 241	1
Elective (Humanities - 03 Credits): Students are required to Select One Course from the following Pool			
GED 103	Head Anatomy Sculpture	None	3
GED 106	Smart Decisions: Data Literacy and Visualization	None	3
GED 110	Modern Art Appreciation	None	3
GED 111	Music Appreciation and Communication	None	3
GED 191	Islamic Studies	None	3
GED 196	Communication Skills in Arabic	None	3
GED 205	Psychology in Everyday Life	LNG 172 or LNG 182	3
GED 324	Ethical Reasoning for Today's World	LNG 172 or LNG 182	3
GED 330	Introduction to Canadian Studies	None	3

Program Core Requirements [Core Courses - 69 Credits]

Course Code	Course Title	Prerequisite	Cr. Hrs.
BIO 102	Biology I	None	3
HOM 101	Fundamentals of Healthcare Management	None	3
MTH 112	Calculus I	None	3
SHS 100	Principles of Public Health	None	3
SHS 103	Chemistry	None	3
SHS 105	Organic Chemistry	SHS 103	3
SHS 201	Healthcare Systems	HOM 101	3
SHS 205	Biochemistry	SHS 105	3
BIO 202	Biology II	BIO 102	3
ENV 201	Principles of Environmental Science	None	3
ENV 220	Introduction to Environmental Health	ENV 201	3
SCI 210	Modern Physics	None	3
SHS 200	Global Health	None	3
SHS 208	Infectious Diseases	None	3
SHS 220	Applied Medical Terminology	None	3
SHS 221	Chronic and Non-Infectious Diseases	None	3
HA 320	Health Policy and Governance	SHS 102, SHS 200	3
HOM 322	Health Education and Promotion	SHS 200	3
ENV 310	Biostatistics	SHS 200	3
ENV 416	Epidemiology	SHS 200	3
ENV 426	Occupational Health and Safety	ENV 416	3
SHS 414	Public Health Ethics	SHS 200	3
SHS 424	Leadership	SHS 414	3

Program Major Requirement [36 Credits]

Course Code	Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (33 Credits)			
ENV 302	Environmental Microbiology	None	3
ENV 312	Food Quality and Control	ENV 201	3
ENV 322	Management of Domestic and Hazardous Wastes	ENV 220	3
ENV 323	Indoor and Outdoor Air Pollution	ENV 220	3
ENV 330	Hydrology and Water Waste Management	ENV 201	3
ENV 417	Toxicology	BIO 202	3
ENV 418	Marine Pollution	ENV 201	3
ENV 423	Environmental Management: Theory and Practice	ENV 322, ENV 323, ENV 330, ENV 418	3
ENV 424	Impacts of Climate Change Policy on Environmental Management	ENV 323	3
ENV 425	Applied Research in Environmental Health Management	ENV 310	3
EHM 400	Internship in Environmental Health Management	81 Cr. Hrs. & CGPA ≥ 2.0	3
Program Elective Courses (03 Credits): Students are required to Select One Course from the following courses			
ENV 309	Impacts of Earth Resources and Natural Hazards on the Environment	ENV 201	3
ENV 311	Entomology and Pest Control Management	SHS 103	3
HA 450	Healthcare Finance and Insurance	ACT 112	3
HOM 414	Accreditation for Healthcare Organizations	HOM 320	3
SHS 420	Career Tasks and Challenges in Public Health	81 Cr. Hrs.	3

Study Plan - Bachelor of Science in Public Health and Environmental Health Management

Sem.	Course Code	Course Title	Prerequisite	Cr. Hrs.
Semester 1	BIO 102	Biology I	None	3
	HOM 101	Fundamentals of Healthcare Management	None	3
	LNG 171	English I	None	3
	SHS 103	Chemistry	None	3
	ENT 141	Fundamentals in Innovation and Entrepreneurship 1	None	2
	TOTAL			14
Semester 2	LNG 172	English II	LNG 171	3
	SHS 100	Principles of Public Health	None	3
	SHS 105	Organic Chemistry	SHS 103	3
	ENT 142	Fundamentals in Innovation and Entrepreneurship 2	ENT 141	1
	BIO 202	Biology II	BIO 102	3
	GED 102	AI in Modern Life	None	3
	TOTAL			16
Semester 3	MTH 112	Calculus I	None	3
	SHS 201	Healthcare Systems	HOM 101	3
	SHS 200	Global Health	None	3
	SHS 208	Infectious Diseases	None	3
	ENV 201	Principles of Environmental Science	None	3
	ENT 241	Entrepreneurship 1	ENT 142	2
	TOTAL			17
Semester 4	GED 190	Emirati Studies	None	3
	ENV 220	Introduction to Environmental Health	ENV 201	3
	ENV 302	Environmental Microbiology	None	3
	ENT 242	Entrepreneurship 2	ENT 241	1
	SHS 220	Applied Medical Terminology	None	3
	SHS 221	Chronic and Non-Infectious Diseases	None	3
	TOTAL			16
Semester 5	SCI 210	Modern Physics	None	3
	GED 255	Critical Thinking and Problem Solving	LNG 172 or LNG 182	3
	ENV 310	Biostatistics	SHS 200	3
	SHS 205	Biochemistry	SHS 105	3
	ENV 312	Food Quality and Control	ENV 201	3
	ENV 330	Hydrology and Water Waste Management	ENV 201	3
	TOTAL			18
Semester 6	HA 320	Health Policy and Governance	SHS 102, SHS 200	3
	HOM 322	Health Education and Promotion	SHS 200	3
	ENV 322	Management of Domestic and Hazardous Wastes	ENV 220	3
	ENV 323	Indoor and Outdoor Air Pollution	ENV 220	3
	XXX XXX	Humanities Elective		3
	TOTAL			15
Semester 7	ENV 416	Epidemiology	SHS 200	3
	ENV 417	Toxicology	BIO 202	3
	ENV 418	Marine Pollution	ENV 201	3
	SHS 414	Public Health Ethics	SHS 200	3
	XXX XXX	Major Elective Course		3
	TOTAL			15
Semester 8	ENV 426	Occupational Health and Safety	ENV 416	3
	ENV 423	Environmental Management: Theory and Practice	ENV 322, ENV 323, ENV 330 ENV 418	3
	ENV 424	Impacts of Climate Change Policy on Environmental Management	ENV 323	3
	SHS 424	Leadership	SHS 414	3
	ENV 425	Applied Research in Environmental Health Management	ENV 310	3
	TOTAL			15
Summer	EHM 400	Internship in Environmental Health Management	81 Cr. Hrs. & CGPA ≥ 2.0	3
Total Credit Hours				129

22.11.2 Bachelor of Science in Public Health and Health Administration

Description:

The Bachelor of Science in Public Health and Health Administration (BScPHHA) provides students with an integrated understanding of public health and the organizational, managerial, and policy dimensions of healthcare systems. The program builds foundational knowledge in life sciences and public health while emphasizing specialized skills in planning, implementing, assessing, and evaluating health programs and services. Students study the structures and functions of healthcare systems, explore the determinants of population health, and analyze the causes and consequences of health disparities. The curriculum develops analytical and critical thinking skills needed to address the complex challenges faced by health organizations. Students gain experience in evaluating health services, applying evidence-based approaches, and designing solutions that comply with national and international standards. Ethical decision-making, legal and economic considerations, and societal factors are integrated throughout coursework to strengthen professional judgment. Training in communication and leadership equips students to work effectively both independently and in teams, preparing them for administrative and policy-focused roles.

Benefits:

- **Specialized Knowledge in PH-HA:** Students gain a comprehensive, multidisciplinary education that bridges life sciences, public health, and health administration. The curriculum gives graduates an in-depth, field-ready understanding of how health organizations function and how population health is managed at both policy and operational levels.
- **Industrial Management Focus:** The program integrates organizational, managerial, and administrative principles. Students develop the leadership and operational competencies needed to manage healthcare institutions effectively in clinical, governmental, and community settings.
- **Hands-On Learning:** Learning extends well beyond the classroom through practical training embedded across the curriculum and a dedicated Internship in Health Administration. This placement experience puts students directly inside real healthcare organizations, where they apply their administrative, analytical, and public health skills to address genuine operational and managerial challenges.
- **Capstone Projects:** Students undertake an integrative capstone experience that requires them to design, conduct, and communicate original research. This prepares graduates to independently investigate complex health system challenges and propose evidence-based solutions relevant to real-world health administration contexts.
- **Global Relevance:** The curriculum is grounded in national and international standards, addressing both local and worldwide healthcare challenges. The program prepares graduates to operate effectively across regional and global healthcare environments.
- **Ethical, Legal, and Societal Considerations:** These considerations are woven throughout the program and reinforced through several courses. Students are trained to make decisions that are not only administratively sound but also equitable, transparent, and aligned with long-term public health responsibilities.
- **Flexible Electives:** Students tailor their degree toward their career interests and professional goals through a range of major electives, allowing them to align their degree with specific career interests in healthcare management, finance, or policy.
- **Faculty-Driven Research Opportunities:** Through courses such as Biostatistics, Epidemiology, and Applied Research in Health Administration, students are trained in rigorous research

methodologies under faculty guidance. This foundation enables students to engage in faculty-led research initiatives and contribute to the generation of evidence-based knowledge that advances health administration practice.

- **Entrepreneurial and Innovation Training:** Students are equipped with the innovation mindset and entrepreneurial skills to develop novel solutions and pursue impactful careers at the intersection of public health and healthcare management.

Career Opportunities:

As a Health Administration graduate, you will have a chance to make an impact on peoples' lives and contribute to healthier societies, you will also be highly employable in a range of careers. There is no shortage of job opportunities in institutions and professions linked to:

- Government Ministries
- Medical Office Administrator
- Hospital Administrator
- Health Information Specialist
- Clinical Operations Manager
- Health Services Manager
- Compliance Officer
- Healthcare Human Resources Manager
- Quality Improvement Manager
- Healthcare Consultant

a) Program Learning Outcomes (PLOs)

Upon successful completion of the program the student will be able to:

1. Demonstrate an understanding of the fundamentals of life sciences.
2. Demonstrate an understanding of fundamental concepts of Public Health and related issues.
3. Comprehend specialized knowledge in planning, implementing, assessing and evaluating health systems.
4. Communicate orally and in writing to different audiences in compliance with professional standards.
5. Critically analyze complex interplay in health disparities and solve existing health problems.
6. Design and implement adequate solutions to protect Public Health using approved national and international practices.
7. Work in an effective and creative way individually and in teams and demonstrate innovative leadership skills.
8. Develop health programs in compliance with national and international standards.
9. Recognize the impact of economic, legal, ethical, and societal factors on Public Health.
10. Assimilate current and evolving theories and skills in health administration.

b) Program Learning Outcomes (PLOs) Alignment with QF-Emirates

PLOs	Knowledge	Skills	Aspects of Competence		
			Autonomy & Responsibility	Role in Context	Self-Development
PLO1	✓				
PLO2	✓				
PLO3	✓				

PLOs	Knowledge	Skills	Aspects of Competence		
			Autonomy & Responsibility	Role in Context	Self-Development
PLO4		✓			
PLO5		✓			
PLO6		✓			
PLO7			✓		
PLO8				✓	
PLO9				✓	
PLO10					✓

c) Programs Requirements

Requirements	Compulsory Cr. Hrs.	Elective Cr. Hrs.	Total Cr. Hrs.
University Requirements (GE Courses)	21	03	24
Program Core Requirements (Core Courses)	69	-	69
Program Major Requirements	33	03	36
Total	123	06	129

University Requirements [General Education Courses - 24 Credits]

Course Code	Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (21 Credits)			
LNG 171	English I	None	3
LNG 172	English II	LNG 171	3
GED 102	AI in Modern Life	None	3
GED 190	Emirati Studies	None	3
GED 255	Critical Thinking and Problem Solving	LNG 172	3
ENT 141	Fundamentals of Innovation and Entrepreneurship 1	None	2
ENT 142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
ENT 241	Entrepreneurship 1	ENT 142	2
ENT 242	Entrepreneurship 2	ENT 241	1
Elective (Humanities - 03 Credits): Students are required to Select One Course from the following Pool			
GED 103	Head Anatomy Sculpture	None	3
GED 106	Smart Decisions: Data Literacy and Visualization	None	3
GED 110	Modern Art Appreciation	None	3
GED 111	Music Appreciation and Communication	None	3
GED 191	Islamic Studies	None	3
GED 196	Communication Skills in Arabic	None	3
GED 205	Psychology in Everyday Life	LNG 172	3
GED 324	Ethical Reasoning for Today's World	LNG 172	3
GED 330	Introduction to Canadian Studies	None	3

Program Core Requirements [Core Courses - 69 Credits]

Course Code	Course Title	Prerequisite	Cr. Hrs.
BIO 102	Biology I	None	3
HOM 101	Fundamentals of Healthcare Management	None	3
MTH 112	Calculus I	None	3
SHS 100	Principles of Public Health	None	3

Course Code	Course Title	Prerequisite	Cr. Hrs.
SHS 103	Chemistry	None	3
SHS 105	Organic Chemistry	SHS 103	3
SHS 201	Healthcare Systems	HOM 101	3
SHS 205	Biochemistry	SHS 105	3
BIO 202	Biology II	BIO 102	3
ENV 201	Principles of Environmental Science	None	3
ENV 220	Introduction to Environmental Health	ENV 201	3
SCI 210	Modern Physics	None	3
SHS 200	Global Health	None	3
SHS 208	Infectious Diseases	None	3
SHS 220	Applied Medical Terminology	None	3
SHS 221	Chronic and Non-Infectious Diseases	None	3
HA 320	Health Policy and Governance	SHS 102, SHS 200	3
HOM 322	Health Education and Promotion	SHS 200	3
ENV 310	Biostatistics	SHS 200	3
ENV 416	Epidemiology	SHS 200	3
ENV 426	Occupational Health and Safety	ENV 416	3
SHS 414	Public Health Ethics	SHS 200	3
SHS 424	Leadership	SHS 414	3

Program Major Requirement [36 Credits]

Course Code	Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (33 Credits)			
ACT 112	Principles of Accounting I	None	3
SHS 104	Health Economics	None	3
HRM 210	Human Resource Management	MGT 202 or HOM 101	3
MGT 220	Organizational Behavior	None	3
HA 301	Health Information Systems	HOM 101	3
HA 310	Healthcare Quality	HOM 101	3
HA 314	Performance Improvement in Healthcare: Measurement and Management	None	3
HA 330	Medical Coding	HA 301	3
HOM 320	Hospital Management	HOM 101	3
HA 425	Applied Research in Health Administration	ENV 310	3
HA 400	Internship in Health Administration	81 Cr. Hrs. & CGPA ≥ 2.0	3
Program Elective Courses (03 Credits): Students are required to Select One Course from the following courses			
ENV 309	Impacts of Earth Resources and Natural Hazards on the Environment	ENV 201	3
ENV 311	Entomology and Pest Control Management	SHS 103	3
HA 450	Healthcare Finance and Insurance	ACT 112	3
HOM 414	Accreditation for Healthcare Organizations	HOM 320	3
SHS 420	Career Tasks and Challenges in Public Health	81 Cr. Hrs.	3

Study Plan - Bachelor of Science in Public Health and Health Administration

Sem.	Course Code	Course Title	Prerequisite	Cr. Hrs.
Semester 1	BIO 102	Biology I	None	3
	HOM 101	Fundamentals of Healthcare Management	None	3
	LNG 171	English I	None	3
	SHS 103	Chemistry	None	3
	ENT 141	Fundamentals in Innovation and Entrepreneurship 1	None	2
	TOTAL			14
Semester 2	LNG 172	English II	LNG 171	3
	SHS 100	Principles of Public Health	None	3
	SHS 105	Organic Chemistry	SHS 103	3
	ENT 142	Fundamentals in Innovation and Entrepreneurship 2	ENT 141	1
	BIO 202	Biology II	BIO 102	3
	GED 102	AI in Modern Life	None	3
	TOTAL			16
Semester 3	MTH 112	Calculus I	None	3
	SHS 201	Healthcare Systems	HOM 101	3
	SHS 200	Global Health	None	3
	SHS 208	Infectious Diseases	None	3
	ENV 201	Principles of Environmental Science	None	3
	ENT 241	Entrepreneurship 1	ENT 142	2
	TOTAL			17
Semester 4	ACT 112	Principles of Accounting I	None	3
	GED 190	Emirati Studies	None	3
	ENV 220	Introduction to Environmental Health	ENV 201	3
	ENT 242	Entrepreneurship 2	ENT 241	1
	SHS 220	Applied Medical Terminology	None	3
	SHS 221	Chronic and Non-Infectious Diseases	None	3
	TOTAL			16
Semester 5	SCI 210	Modern Physics	None	3
	SHS 205	Biochemistry	SHS 105	3
	HRM 210	Human Resource Management	MGT 202 or HOM 101	3
	ENV 310	Biostatistics	SHS 200	3
	HA 301	Health Information Systems	HOM 101	3
	HA 310	Healthcare Quality	HOM 101	3
	TOTAL			18
Semester 6	HA 320	Health Policy and Governance	SHS 102, SHS 200	3
	HOM 320	Hospital Management	HOM 101	3
	HOM 322	Health Education and Promotion	SHS 200	3
	MGT 220	Organizational Behavior	None	3
	XXX XXX	Humanities Elective		3
	TOTAL			15
Semester 7	HA 314	Performance Improvement in Healthcare: Measurement and Management	None	3
	HA 330	Medical Coding	HA 301	3
	ENV 416	Epidemiology	SHS 200	3
	SHS 414	Public Health Ethics	SHS 200	3
	XXX XXX	Major Elective Course		3
	TOTAL			15
Semester 8	SHS 104	Health Economics	None	3
	ENV 426	Occupational Health and Safety	ENV 416	3
	SHS 424	Leadership	SHS 410	3
	HA 425	Applied Research in Health Administration	ENV 310	3
	GED 255	Critical Thinking and Problem Solving	LNG 172 or LNG 182	3
	TOTAL			15
Summer	HA 400	Internship in Health Administration	81 Cr. Hrs. & CGPA ≥2.0	3
Total Credit Hours				129

22.11.3 Master of Public Health

Description:

The Master of Public Health (MPH) program provides advanced education in the science and practice of public health, focusing on the factors that influence health at the community, national, and global levels. The curriculum emphasizes the complex patterns of public health, their impact on the environment, and their role in shaping policy. Students gain a comprehensive understanding of the management, leadership, and financing of health organizations, while developing advanced competencies in epidemiology, research methods, and quantitative analysis. The program integrates theory with applied learning to prepare students to design, implement, and evaluate public health programs and management strategies. Emphasis is placed on interpreting epidemiologic data, analyzing social and economic dynamics, and applying managerial and problem-solving techniques to address health challenges under conditions of uncertainty. Students also examine the use of finance, organizational behavior, strategy, marketing, and health information technology in the effective management of public health organizations in the UAE and globally.

Benefits:

The Master of Public Health (MPH) degree delivers numerous benefits aligned with the UAE's healthcare vision and international public health priorities. The program provides graduates with the expertise to tackle complex challenges, ranging from disease prevention to health policy development, supporting the UAE's Vision 2030 focus on building a world-class healthcare system and fostering community well-being.

MPH graduates are equipped to contribute meaningfully to these national objectives, with specialized knowledge in areas such as epidemiology, health promotion, and policy analysis. Globally, the program aligns with the United Nations' Sustainable Development Goals, particularly those emphasizing good health and well-being. It prepares professionals to address critical international health issues and create lasting positive change.

With the healthcare industry experiencing rapid growth and an increasing demand for qualified professionals, MPH graduates enjoy excellent job prospects, competitive salaries, and the opportunity to make a significant impact on population health both locally and globally.

Career Opportunities:

Graduates of the MPH program have a wide range of career paths to explore across various sectors, including Ministries of Health, government bodies, United Nations agencies, non-governmental organizations, consultancy firms, and pharmaceutical or health technology companies.

MPH graduates often pursue roles such as:

- Health Policy Analyst
- Public Health Educator
- Healthcare Administrator
- Environmental Health Specialist
- Global Health Specialist
- Public Health Consultant
- Occupational Health and Safety Specialist
- Regulatory Affairs Manager

- Monitoring and Evaluation Specialist
- Nonprofit Organization Director
- Health Communications Specialist
- Epidemiologist
- Biostatistician
- Health Services Researcher

Graduates can also pursue advanced studies, such as a PhD in related fields, to specialize further and enhance career prospects, including academic and high-level research roles.

a) Program Learning Outcomes (PLOs)

Upon successful completion of the program the student will be able to:

1. Demonstrate an understanding of advanced knowledge, boundaries, and competencies of public health to examine factors that affect the health of a community.
2. Recognize the complex patterns of the public health paradigm, their impact and influence on the environment, and public health policy development at local and global levels.
3. Recognize the comprehensive understanding of core functions of managing, leading, and financing public health organizations.
4. Design, implement, and evaluate public health programs and management strategies by applying the acquired research and quantitative skills.
5. Analyze critically and synthesize relevant epidemiologic data and information and apply problem-solving techniques to solve local and global public health challenges.
6. Interpret the interactions of human, social, and economic dynamics of health organizations' environment and behavior using relevant managerial, epidemiological, and economic methods and tools.
7. Demonstrate autonomy in work and study context to in making effective managerial decisions under conditions of uncertainty
8. Evaluate tools of public health finance, strategy, organization behavior, marketing, and public health information technology that are central to the effective management of public health organizations globally and in the UAE.
9. Perform effectively different roles as a team member utilizing public health organizational resources to achieve strategic outcomes.
10. Develop personal effectiveness continuously and demonstrate a high-level curiosity of life-long learning and ability to independently acquire new knowledge and practices in public health and management in the UAE and globally.
11. Communicate effectively, orally and/or in writing, in a variety of professional contexts.

b) Program Learning Outcomes (PLOs) Alignment with QF-Emirates

PLOs	Knowledge	Skills	Aspects of Competence		
			Autonomy & Responsibility	Role in Context	Self-Development
PLO1	✓				
PLO2	✓				
PLO3	✓				
PLO4		✓			
PLO5		✓			

PLOs	Knowledge	Skills	Aspects of Competence		
			Autonomy & Responsibility	Role in Context	Self-Development
PLO6		✓			
PLO7			✓		✓
PLO8			✓		
PLO9				✓	
PLO10					✓
PLO 11		✓			

c) Master of Public Health (MPH) Program Requirements

Requirements	Compulsory Cr. Hrs.	Elective Cr. Hrs.	Total Cr. Hrs.
Program Core Requirements (Core Courses)	30	03	33
Practicum Requirement	03	-	03
Dissertation	06	-	06
Total	39	03	42

Program Requirements [42 Credits]

Course Code	Course Title	Prerequisite/Co-requisite	Cr. Hrs.
Core Courses (30 Credits)			
MPH 600	Determinants of Health	None	3
MPH 601	Epidemiology for Public Health	Co-requisite: MPH 600	3
MPH 602	Biostatistics	None	3
MPH 603	Studies in Environmental Health and Sustainability	None	3
MPH 604	Health Leadership and Management	None	3
MPH 605	E-Health Innovation	None	3
MPH 606	Occupational Health and Safety	None	3
MPH 607	Public Health Policy and Advocacy	None	3
MPH 608	Health Promotion	None	3
MPH 609	Research Methods in Public Health	Completed 18 Credit Hours	3
Dissertation Requirement (06 Credits)			
MPH 610	Dissertation	MPH 609	6
Practicum Requirement (03 Credits)			
MPH 620	Practicum	Completed 18 Credit Hours	3
Elective Courses (03 Credits): Students are required to select One Course from the following courses			
MPH 630	Environmental Impact Assessment	MPH 603	3
MPH 640	Managing Performance in Health	MPH 602, MPH 605	3

List of Remedial Courses

Course Code	Course Title	Prerequisite	Cr. Hrs.
MPH 500	Principles of Public Health	None	3
MPH 501	Fundamentals of Environmental Health	None	3
MPH 502	Fundamentals of Healthcare Management	None	3

Study Plan - Master of Public Health (MPH)

Sem.	Course Code	Course Title	Prerequisite/Corequisite	Cr. Hrs.
Semester 1	MPH 600	Determinants of Health	None	3
	MPH 601	Epidemiology for Public Health	Co-requisite: MPH 600	3
	MPH 604	Health Leadership and Management	None	3
	MPH 606	Occupational Health and Safety	None	3
	Total			12
Semester 2	MPH 602	Biostatistics	None	3
	MPH 603	Studies in Environmental Health and Sustainability	None	3
	MPH 605	E-Health Innovation	None	3
	MPH 607	Public Health Policy and Advocacy	None	3
	Total			12
Semester 3	MPH 608	Health Promotion	None	3
	MPH 609	Research Methods in Public Health	Completed 18 Credit Hours	3
	MPH xxx	Elective Course		3
	Total			9
Semester 4	MPH 610	Dissertation	MPH 609	6
	MPH 620	Practicum	Completed 18 Credit Hours	3
	Total			9
Total Credit Hours				42

22.12 Department of Psychology

The Department of Psychology is committed to contributing to the improvement of people's health, functioning and happiness by empowering our students to become the best professionals in the field.

We are committed to providing the best services for our students and providing an outstanding level of education, led by experienced faculty members in a stimulating learning environment. Our goal is to provide the student with the necessary knowledge, skills and professional competencies that will help him start a successful career.

22.12.1 Bachelor of Arts in Psychology

Description:

The Bachelor of Arts in Psychology provides students with a broad understanding of the scientific study of thought, behavior, and emotion. The program introduces major domains of psychology, including cognitive, developmental, social, and clinical perspectives, and situates them within historical and contemporary contexts. Students learn key concepts, methodological and statistical techniques, and the diversity of research practices that inform psychological knowledge. Training emphasizes designing and executing research, interpreting data, and applying scientific reasoning to explain psychological phenomena. The curriculum highlights ethical standards, social responsibility, and the relevance of psychology to education, health, organizations, and community settings. Students develop skills in oral and written communication and are encouraged to consider the complexity, limitations, and societal impact of evidence-based practices.

Benefits:

As a graduate of the Bachelor of Arts in Psychology you will be prepared to start a fulfilling and rewarding career in a wide range of professional organizations, including hospitals, schools, private businesses, the police and the army, social service agencies and mental health centers. Psychologists are in high demand in the UAE – according to Dr. Yana Korobko, author of *Arabs in Treatment: Development of Mental Health System and Psychoanalysis in the Arab-Islamic World*, in 2016 there were only 0.51 psychologist per 100,000 residents in the UAE, with more than 33,000 patients going without the specialist care they needed. This degree program offers both Arabic and English speaking professionals the opportunity to contribute to the happiness and wellbeing of UAE society.

Career Opportunities:

The Bachelor of Arts in Psychology will prepare you for graduate studies in many disciplines such as Psychology, Social Work, Business, and the Social Sciences in general, as well as to enter Medical or Law Schools. The program will prepare you for the role such as:

- Behavioral Therapist
- Mental Health Worker
- Youth Counselor
- Child and Family Social Worker
- Rehabilitation Counselor
- Case Manager in Mental Health or Social Services
- Health Educator
- Educational Therapist
- School Counselor Assistant
- Psychological Wellbeing Practitioner
- Research Assistant in Psychology or Neuroscience
- Community Support Worker
- Developmental Disabilities Specialist
- Learning Support Assistant

a) Program Learning Outcomes (PLOs)

Upon successful completion of the program the student will be able to:

1. Demonstrate a developed knowledge and critical understanding of the key concepts, methodologies, current advances, historical contexts, theoretical approaches, and overarching themes in Psychology
2. Demonstrate an in-depth understanding of methodological and statistical techniques and practices
3. Describe the diversity of research practices, methods of inference, and practical/professional implications of Psychology
4. Design and execute empirical research (e.g., formulate researchable questions/hypotheses, select appropriate methodologies, situate research within the scientific literature, and disseminate it in discipline-appropriate manners)
5. Apply scientific reasoning and analysis to interpret and evaluate psychological phenomena based on major theories, concepts, and methods germane to the discipline
6. Relate psychological knowledge to personal, professional, and societal concerns

7. Effectively communicate ideas, critiques, and research findings in oral and written forms appropriate to academic, professional, and public audiences.
8. Articulate ethical standards and social responsibilities assumed by psychologists in their professional and scientific roles and envisage the potential impact of psychological research for treatment and prevention interventions
9. Appreciate the ambiguity, complexities, and limits associated with evidence-based psychological research methods, findings, and knowledge by participating in scholarly activities that address community needs at all levels.
10. Recognize how the changing nature of social, cultural, and interdisciplinary influences impact research practices in contemporary psychology and utilize acquired skills to address community needs at all levels.

b) Program Learning Outcomes (PLOs) Alignment with QF-Emirates

PLOs	Knowledge	Skills	Aspects of Competence		
			Autonomy & Responsibility	Role in Context	Self-Development
PLO1	✓				
PLO2	✓				
PLO3	✓				
PLO4		✓			
PLO5		✓			
PLO6		✓			
PLO7		✓			
PLO8			✓		
PLO9					✓
PLO10				✓	

c) Bachelor of Arts in Psychology Program Requirements

Requirements	Compulsory Cr. Hrs.	Elective Cr. Hrs.	Total Cr. Hrs.
University Requirements (GE Courses)	24	03	27
Program Core Requirements (Core Courses)	51	-	51
Program Major Requirements	39	06	45
Total	114	09	123

University Requirements [General Education Courses - 27 Credits]

Course Code	Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (24 Credits)			
LNG 171	English I	None	3
LNG 172	English II	LNG 171	3
GED 102	AI in Modern Life	None	3
GED 150	Foundations for Community Engagement and Social Work	None	3
GED 190	Emirati Studies	None	3
ENT 141	Fundamentals of Innovation and Entrepreneurship 1	None	2
ENT 142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
ENT 241	Entrepreneurship 1	ENT 142	2

ENT	242	Entrepreneurship 2	ENT 241	1
MTH	105	Introduction to Statistics	None	3
Elective (Humanities - 03 Credits): Students are required to select One Course from the following Pool				
GED	103	Head Anatomy Sculpture	None	3
GED	106	Smart Decisions: Data Literacy and Visualization	None	3
GED	110	Modern Art Appreciation	None	3
GED	111	Music Appreciation and Communication	None	3
GED	125	Ecosystems and Human Health - I	None	3
GED	132	Science and Technology in Society	None	3
GED	191	Islamic Studies	None	3
GED	196	Communication Skills in Arabic	None	3
GED	255	Critical Thinking and Problem Solving	LNG 172	3
BIO	100	Unifying Life Processes	None	3

Program Core Requirements [Core Courses - 51 Credits]

Course Code		Course Title	Prerequisite	Cr. Hrs.
PSY	101	Psychology I	None	3
PSY	102	Psychology II	PSY 101	3
PSY	211	Research Methods: Design & Statistics	MTH 105	3
PSY	212	Introduction to Cognitive Psychology	PSY 102	3
PSY	222	Perception	PSY 212	3
PSY	223	Developmental Psychology	PSY 212	3
PSY	224	Abnormal Psychology	PSY 102	3
PSY	230	Personality	PSY 102	3
PSY	240	Introduction to Learning	PSY 102	3
PSY	250	Biopsychology	PSY 102	3
PSY	310	Neuropsychology	PSY 212, PSY 250	3
PSY	311	Applied Social Psychology	GED 150	3
PSY	313	Educational Psychology	PSY 223	3
PSY	321	Organizational and Industrial Psychology	PSY 311	3
PSY	322	Psychotherapy	PSY 224, PSY 312	3
PSY	324	Psychological Counselling and Interventions	PSY 312	3
ENV	201	Principles of Environmental Sciences	None	3

Program Major Requirements [45 Credits]

Course Code		Course Title	Prerequisite	Cr. Hrs.
Compulsory Courses (39 Credits)				
PSY	221	Psychological Measurement and Testing	PSY 211	3
PSY	312	Clinical Psychology	PSY 212	3
PSY	323	Psychology of Exceptional Children, Youth & Adults	PSY 223, PSY 224	3
PSY	400	Internship	81 Cr. Hrs. & ≥ CGPA 2.0	3
PSY	410	Drugs and Behaviour	PSY 310, PSY 312	3
PSY	411	Environmental Psychology	PSY 250, ENV 201	3
PSY	412	Experimental Psychology	PSY 221, PSY 313	3
PSY	413	Health Psychology	PSY 224, PSY 250	3
PSY	420	Applications of Human Behavior Modification	PSY 230	3

PSY	421	Cognitive & Behavioral Neuroscience Research	PSY 211, PSY 212	3
PSY	422	Psychometrics	81 Cr. Hrs.	3
PSY	450	Graduation Project	PSY 211 & 81 Cr. Hrs.	6
Elective Courses (06 Credits): Students are required to select Two Courses from the following courses				
PSY	331	History of Psychology	PSY 102	3
PSY	332	Positive Psychology	PSY 102	3
PSY	333	Psychology, Media and Communication	PSY 102	3
PSY	334	Psychology and Business	PSY 102	3
PSY	335	Careers, Tasks, and Challenges in Psychology	60 Cr. Hrs.	3

Study Plan - Bachelor of Arts in Psychology

Sem.	Course Code	Course Title	Prerequisite	Cr. Hrs.
Semester 1	LNG 171	English I	None	3
	PSY 101	Psychology I	None	3
	ENT 141	Fundamentals of Innovation and Entrepreneurship 1	None	2
	GED 150	Foundations for Community Engagement & Social Work	None	3
	GED 190	Emirati Studies	None	3
	Total			14
Semester 2	LNG 172	English II	LNG 171	3
	PSY 102	Psychology II	PSY 101	3
	GED 102	AI in Modern Life	None	3
	MTH 105	Introduction to Statistics	None	3
	ENT 142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
	ENV 201	Principles of Environmental Sciences	None	3
	Total			16
Semester 3	PSY 211	Research Methods: Design & Statistics	MTH 105	3
	PSY 212	Introduction to Cognitive Psychology	PSY 102	3
	PSY 230	Personality	PSY 102	3
	PSY 240	Introduction to Learning	PSY 102	3
	ENT 241	Entrepreneurship 1	PSY 102	2
	Total			14
Semester 4	PSY 221	Psychological Measurement and Testing	PSY 211	3
	PSY 222	Perception	PSY 212	3
	PSY 223	Developmental Psychology	PSY 212	3
	PSY 224	Abnormal Psychology	PSY 102	3
	PSY 250	Biopsychology	PSY 102	3
	ENT 242	Entrepreneurship 2	ENT 241	1
	Total			16
Semester 5	PSY 310	Neuropsychology	PSY 212, PSY 250	3
	PSY 311	Applied Social Psychology	GED 150	3
	PSY 312	Clinical Psychology	PSY 212	3
	PSY 313	Educational Psychology	PSY 223	3
	XXX XXX	Humanities Elective	None	3
	Total			15
Semester 6	PSY 321	Organizational and Industrial Psychology	PSY 311	3
	PSY 322	Psychotherapy	PSY 224, PSY 312	3
	PSY 323	Psychology of Exceptional Children, Youth & Adults	PSY 223, PSY 224	3
	PSY 324	Psychological Counselling and Interventions	PSY 312	3
	PSY XXX	Program Major Elective (1)		3
	Total			15
Semester 7	PSY 410	Drugs and Behavior	PSY 310, PSY 312	3
	PSY 411	Environmental Psychology	PSY 250, ENV 201	3
	PSY 412	Experimental Psychology	PSY 221, PSY 313	3
	PSY 413	Health Psychology	PSY 224, PSY 250	3
	PSY 450	Graduation Project	PSY 211 & 81 Cr. Hrs.	6
	Total			18
Semester 8	PSY 450	Graduation Project (Cont'd)	PSY 211 & 81 Cr. Hrs.	-
	PSY 420	Applications of Human Behavior Modification	PSY 230	3
	PSY 421	Cognitive & Behavioral Neuroscience Research	PSY 211, PSY 212	3
	PSY 422	Psychometrics	81 Cr. Hrs.	3
	PSY XXX	Program Major Elective (2)		3
	Total			12
Summer	PSY 400	Internship (Between semesters 6 to 8)	81 Cr. Hrs.	3
Total Credit Hours				123

23 Internship

The student internship may be a required part of the program curriculum. Whenever it is part of the program, the purpose of an internship is to provide Canadian University Dubai students with an opportunity to have professional work experience in a setting related to the student's major, program objectives, and career goals. An internship is a way for students to gain practical, on-the-job experience in business, industry, or governmental agencies. Canadian University Dubai considers student internships as an important bridge between students and the careers that they are studying to enter. Simultaneously, an internship introduces public and private organizations to students that might fit their field of interest, skills, and training for possible future placement.

23.1 Place of Internship

The internship place will be approved by Canadian University Dubai Internship Office so that it matches the area of specialization of the internee and meets the program's internship objectives and requirements.

In the case of students who are already working in an organization, the place of internship is decided based on the following features:

- If the current work and job specification coincide with the intern's area of specialization, then the current place of employment will be chosen for the internship, and the employer in charge of the internee will have to function as the field supervisor; he or she will need to supervise a well-defined internship project to ensure that the internee not only applies the concepts learned but also that the work place benefits from the internee's project.
- If the current work and job specification do not match the internee's area of specialization, then the internee should switch to an alternative department in the same firm or transfer to another firm which offers appropriate internship opportunity matching the area of specialization, chosen by the Internship Office.

It is the Internship Office's responsibility to place students according to Canadian University Dubai's internship regulations. Students should refer to the Internship Manual available at the Student Services office for more information.

23.2 Requirements and Guidelines for Internship

A student applying for internship should fulfill the following requirements:

- i. Have completed all the credit hours required as stipulated in the program study plan.
- ii. Satisfy the minimum Passing Actual Cumulative GPA. Students should refer to their program passing GPA requirements.
- iii. Adhere to both the training guidelines and regulations of the organization providing the internship.
- iv. In case the number of qualified candidates exceeds that of openings available, priority will be given to the candidates with the highest GPAs. Moreover, these openings will be distributed amongst the programs according to the assigned percentages.
- v. In case a student cannot be placed by the University, the University is open to allow students to propose an organization for internship. Thus the University encourages all students to take initiatives in finding appropriate placements to help the University guarantee internship for everyone.

No exceptions are permitted under any circumstances in any of the aforesaid requirements for internship.

23.3 Absences During Internship

A failure grade (FA) will be automatically assigned If a student is absent for four (4) working days during the Internship program without pre-approved justification.

23.4 Evaluation

The academic supervisor discusses the student's weekly report with the student, as well as with the field supervisor to ascertain to what extent the intended goals of the Internship program have been met.

The field supervisor prepares an evaluation report detailing the presence, performance, seriousness, and commitment of each student.

The academic supervisor evaluates the performance of each student during the internship period relying on the student's and field supervisor's weekly reports and also evaluates the organization providing the internship.

The academic supervisor is responsible for assigning a pass/fail grade for each student based upon each student's overall performance. A pass grade is assigned when the evaluations of the academic supervisor and field supervisor are both satisfactory. In this case, the course credits will be granted to the student without affecting the CGPA.

23.5 Overall Objectives for Academic Departments

Each academic program has specific learning objectives and has set up its own goals for the internship, specifying the training program that fits students and program goals. Each Department makes available to the students through the Student Affairs Office the following:

- Internship Manual;
- Specific internship goals;
- List of public and private organizations with appropriate consultants for internship;
- Knowledge and skills to be gained by the trainees at the end of the internship period;
- Evaluation techniques used to assess the trainee's progress; and,
- Specific requirements and guidelines if available.

23.6 Role of Student Affairs Office in Internship Placement Process

Internships integrate the academic theoretical environment with real-life practice through a carefully monitored effort that requires the close cooperation between the academic supervisor and the field supervisor. The Student Affairs Office also plays a crucial role in coordinating the internship placement.

The role of the Student Affairs Office concerning internships is to:

- Contact organizations to seek and ensure internship opportunities.
- Assess these organizations with faculty members from the Departments to examine the training programs available as well as the potential and capabilities of these organizations in term of structure, staff and resources.

- Provide guidelines to students to be followed and the duties to be performed by them during the training period.
- Set up an introductory visit for the student at the training site before the beginning of the internship program.
- Follow-up the program during the training period with the collaboration of the academic and field supervisors.
- Create a file for each student and send it to the participating organization in the internship before the training period. This file should contain: student's transcripts; a copy of the student's passport; student's curriculum vitae; and, the student's training program.

23.7 Monitoring of Internship

A list of students who are nominated for an internship is provided by the Office of the Registrar according to the requirements and guidelines for internship before the end of the registration period. Students are required to complete an Internship Registration form available at the Student Affairs Office.

Next, the academic advisor is required to make an introductory visit to the companies providing internship (if possible with the concerned student) one week prior to the start of the internship program, meet the field supervisor to discuss the internship goals and objectives and develop the company tentative internship plan of activities that the student will undertake during his internship program.

The Student Affairs Office, with the coordination of each Department to organizes an internship workshop a minimum one week prior to the start of the internship program during which the academic advisor explains to the internists the internship goals, requirements, benefits and the evaluation policies. In addition to answer all academic issues related questions raised by internists. The Student Affairs Office representative provides the internship students with the following documents:

- Internship tasks schedule.
- Letter of notification including the necessary details regarding the internship placement.
- Internship forms to be used during the internship program.

The academic advisor is required to provide the Student Affairs Office with weekly visit schedule to the internship sites. The academic supervisor, in coordination with the field supervisor will follow-up the student's training progress on the site.

23.8 Internship Regulations for Students

All students are expected to comply with the following:

- Act in a professional manner consistent with the regular employees of the company;
- Comply with all rules and regulations of the workplace;
- Attend the workplace according to its normal working hours;
- Attend all training sessions;
- If a student is absent for four (4) working days of the internship program without approved justification, a failure grade (FA) will be automatically assigned;
- Carry out all legitimate duties assigned by the field supervisor;
- Demonstrate a spirit of cooperation with his/her supervisor and other employees;

- Sit with the academic advisor during each weekly visit to provide him/her with the weekly report and discuss the weekly activities accomplished;
- Demonstrate professionalism and appropriate work ethics;
- Show confidence, take initiative and maintain confidentiality;
- Accept criticism and take responsibility for work submitted;
- Be a team player – this is another opportunity to acquire new skills; and,
- Respect and appreciate people of different culture, race, religion and ethnicity.

To ensure that all parties understand the rules and policies that govern the internship, the University invites all its students to familiarize themselves with the Internship Student Manual handed over along with the Student Handbook and Student Catalog at the time of registration and found on Canadian University Dubai website at www.cud.ac.ae

23.9 Remote Internship Policy

a) Purpose

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

b) Scope

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

c) Policy Statement

- The academic department must specify in all documents related to the program the authorized modes of internship completion.
- Internship Office and the Academic Department approves the offered internship seat only if it is relevant to the internee's area of specialization and meets the program's internship learning outcomes.
- Internship Registration form must include the mode of completion
- A student applying for internship should fulfill the following requirements:
 - i. Agrees to conduct his/her internship using the mode, which is made available through the Internship Office,
 - ii. Has completed all the credit hours required as stipulated in the program study plan,
 - iii. Satisfies the minimum cumulative GPA, which is required for internship registration,
 - iv. Meets the guidelines and regulations set by the organization offering the internship,
 - v. In the event that there is more than one qualified candidate for an available opening, preference will be given to the student having the highest GPA,
- For online Internships, a working day consists of the normal number of daily working hours of FT staff of the organization at which she/he is completing the internship.

d) Evaluation

- The academic supervisor will meet the student to discuss their weekly report and with the field supervisor to keep track of the progress and ensure the objectives of the internship program are being achieved. These meetings can be held either onsite or remotely.

- A comprehensive evaluation report will be submitted by the field supervisor focusing on each student's performance, attitude and virtual or in-person presence.
- Based on the weekly reports submitted by the student and the field supervisor, the academic supervisor will assess each student's performance, in addition to evaluating the organization hosting the student.
- A pass/fail grade will be assigned by the academic supervisor based upon each student's overall performance. A pass grade is given when the academic and field supervisor's assessments are satisfactory. If the student passes, the course credits will be granted to the student without affecting the GPA.
- Absenteeism of four (4) working days during the internship without prior approval, will automatically result in a failure of grade (FA).
- 'F' or 'I' Grade will be assigned, if the student does not complete his/her internship before the end 8th week of the next academic semester.

e) **Role and Responsibilities**

- **Role of Student Affairs Office Concerning Internships is to:**
 - i. Identify and reach out to organizations to partner and secure onsite and online internship opportunities.
 - ii. Ensure the organizations are in line with CUD and have training programs by taking feedback from faculty members from the departments and examine the strengths of the company when it comes to staffing, safety, structure, and resources.
 - iii. Provide benchmarks and procedures for that students need to follow and the responsibilities to be fulfilled by them during the training period.
 - iv. Coordinate an initial onsite or virtual visit for the student at the place of internship before it begins.
 - v. Keep track of the program during the training period while liaising with the academic and field supervisors.
 - vi. Send student's transcripts, copy of the passport, the student's resume and training program to the company before the training period.
 - vii. Provide a letter of notification to the student, that includes the necessary details regarding the internship placement and its mode of completion.
- **Role and Responsibilities of Academic Departments**
 - i. The Head of the Academic Department sends the list of students who are nominated for an internship well in advance prior to the start of the registration period and assign the Internship Supervisor,
 - ii. The Internship supervisor must be aware of the acceptable modes (Remotely/Onsite/Hybrid) of completion of the internship,
 - iii. At least a week before the internship program commences, the Internship Supervisor organizes a workshop for the assigned internees with focus on the internship goals, requirements, benefits and the evaluation policies,
 - iv. The Internship Supervisor is required to organize an onsite/ remote meeting with the field supervisor to introduce the student, discuss the goals and objectives of the internship, and develop the schedule of the internship activities to be undertaking by the student during his remote/onsite/hybrid internship,

- v. The Internship Supervisor explains to the student the assessment tools used to evaluate the trainee's progress.

- **Roles and Responsibilities of Students**

As per CUD policy, all students must adhere to the following:

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

24 Study in Canada and Abroad

24.1 Transfer to Canada

Providing a portal to Canadian education is the main goal of Canadian University Dubai, and you as our student have plenty of options to choose from.

Our Canadian pathway partners span from one coast of Canada to the other – that's over 5,000km! And we are constantly adding new partnerships and articulation agreements – giving you, our students, a lot of Canadian education options to explore.

Beyond our formal partnerships, we are highly recognized and well-reputed in Canada, and many of our students have transferred their credits to study at top Canadian institutions such as the University of Toronto, McGill University and the University of British Columbia.

With a range of higher education institutions across Canada as our established partners, Canadian University Dubai offers you multiple opportunities to broaden your horizons:

- You can transfer to Canada for the last one or two years of your degree to one of our [transfer partner institutions](#), wherein your credits earned at Canadian University Dubai will be transferred, enabling you to complete your degree in Canada.
- You can incorporate a period of Canadian-based study in your degree.
- You can spend an academic semester in Canada then return to the UAE to complete your degree with us at Canadian University Dubai.
- You can participate in a summer study program to enhance your English language skills and learn about Canadian history and culture.
- You can participate in an exchange program with one of our student [exchange partner universities](#).
- Or you can explore our range of [other study abroad options](#).

Benefits of Choosing the Transfer Option

- **Lower total cost:** If you choose to study at Canadian University Dubai for the first one or two years, you do not have to pay the costs of housing and living in Canada for the first part of your education.
- **Stay with family and friends for an additional year or two to gain maturity:** It is challenging for an 18 or 19-year-old, fresh from high school, to transfer to a foreign university halfway across the world. Studying at Canadian University Dubai for the first one or two years allows students the chance to mature before making the transition.
- **An easier transition to Canadian education:** Making the transition from one educational system to another can be difficult, and we aim to make the transition easier at Canadian University Dubai. Our programs are based on the Canadian curriculum and our multinational faculty are familiar with the learning preferences and styles in the region. They help students adjust to the Canadian standards and approaches, preparing them for the transition to an institution in Canada.
- **A proven track record and acceptance of Canadian University Dubai credits at Canadian universities:** Our University has formal agreements with a wide range of universities and degree granting colleges confirming transfer options and arrangements.

24.2 Eligibility to Work in Canada

By transferring to Canada to complete your degree, you become eligible for the Post Graduate Work Permit Program. This allows a graduate with Canadian credentials to secure a work permit for up to 3 years. This program also helps graduates qualify for permanent residency.

For more information, please contact our transfer to Canada coordinator at [apply@cud.ac.ae](mailto:apply@ cud.ac.ae)

<https://www.cud.ac.ae/international-education/study-canada/other-study-abroad-options>

24.3 Your Study Abroad Options

In addition to our formal agreements partner institutions, many highly rated universities in Canada and other parts of the world, recognize the credits earned at Canadian University Dubai and have admitted our students for further study. At Canadian University Dubai, we help open the door to educational progress for you, anywhere in the world.



Centennial College - Ontario

Transfer program in Information Technology (Computer and Communication Networks). A Canadian based Community College located in Toronto, Ontario, Centennial College provides training courses for students of all backgrounds



Ryerson University - Ontario

Transfer program in Bachelor of Creative Industries - FCAD. Ryerson University is a leader in innovative, career-focused education, with a long-standing commitment to engaging its community. A culturally diverse and inclusive institution, Ryerson is home to over 38,000 students across 100 undergraduate and graduate programs.



Queen's University - Ontario

Transfer program in Bachelor of Computing in Biomedical Computing, Cognitive Science, Computer Science, Computing and Mathematics, Software Design. Queen's University is a public research university located in Kingston, Ontario. It is one of Canada's oldest degree-granting universities, renowned for tradition, academic excellence, research, and a beautiful waterfront campus with modern facilities.



University of New Brunswick - New Brunswick

Transfer program in Business Administration. Established in 1785, the University of New Brunswick is Canada's oldest English-speaking university that offers up to PhD level study across a broad range of academic fields



University of Ontario Institute of Technology - Ontario

Transfer program in Communication & Digital Media Studies, Forensic Psychology. Located in Oshawa, Ontario, the University of Ontario Institute of Technology offers many unique career-focused undergraduate and graduate programs within a high-tech learning environment.



Brock University - Ontario

Transfer program in Communications, Popular Culture and Film. Located in the beautiful Niagara region of Southern Ontario, Brock University offers up to PhD level studies across a broad range of academic disciplines



Vancouver Island University - British Columbia

Transfer program in Interior Design (The Council for Interior Design Accreditation – CIDA), Business Administration. Having three campuses across pristine Vancouver Island, Vancouver Island University offers an enriched and intellectually stimulating environment for students and employees.



University of Prince Edward Island - Prince Edward Island

The University of Prince Edward Island is a public liberal arts and science institution committed to encouraging and fostering critical, creative, and independent thinking. Established in 1969, it has developed a growing reputation for research, innovation and academic excellence.



Lawrence Technological University -Michigan, USA

Transfer program in Architecture (National Architecture Accrediting Board - NAAB). Lawrence Technological University is located in Southfield, Michigan, USA. It offers a range of undergraduate and graduate programs in Engineering, Architecture, Science, Mathematics and Business.



Niagara College Canada - Ontario

Transfer program in Bachelor of Applied Business Degree in International Commerce & Global Development, Bachelor of Applied Business Degree in Hospitality Operations Management Degree. Located in the famous Niagara Falls region of Ontario, Niagara College is a degree granting college with innovative applied programs in many fields including health and tourism.



Douglas College – British Columbia

Transfer program in Financial Services and Administration. With over 35 years of experience offering academic and career programs in Greater Vancouver, British Columbia, Douglas College offers bachelor's degrees, general university arts and science courses and is a recognized leader in career programs.



Wilfrid Laurier University - Ontario

Transfer programs in Bachelor of Arts in Psychology, Bachelor of Social Work. For more than a century, Wilfrid Laurier University has been known for academic excellence. Laurier's two campuses are in Waterloo and Brantford, and they also have a Faculty of Social Work in Kitchener and a weekend MBA program in Toronto.



University of Lethbridge -Alberta

Transfer program in Management. Founded in Lethbridge, Alberta, the University of Lethbridge offers undergraduate and graduate programs where inspired teaching is emphasized within a personalized interactive learning environment.



Lakehead University - Ontario

Transfer programs in Forestry, Honors Bachelor of Commerce. Located in Thunder Bay, Ontario, Lake Head is an inclusive University recognized for its innovative programs and cutting-edge research.



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>

24.4 Frequently Asked Questions

WHICH COUNTRIES AND CITIES CAN I TRANSFER TO?

CUD has a great track record in transferring students to partner and non-partner universities across the world. Students should meet the admission criteria of the chosen university, and the program chosen should be similar to the one provided at CUD.

CUD has credit recognition agreements with institutions in Canada, please contact our international education office or visit <http://www.cud.ac.ae/international-education/study-canada>.

WHAT ARE THE REQUIREMENTS?

Each university in Canada has its own policy regarding admission requirements – students should meet the admission criteria such as the CGPA, Language requirement, course pre-requisites per individual school guidelines. In essence, it is a case by case basis. Contact our international office directly for all the admission requirements of the program you're interested in.

WHAT ARE THE FEES?

Studying abroad can be expensive, but Canada offers the lowest tuition rates for foreign students compared to the U.K., Australia, New Zealand and the U.S.

This means you can pursue your studies in a globally recognized program of your choice at one of Canada's top universities for nearly half of what it would cost to attend an equally reputable program at a private U.S. university.

Tuition fees ranges from 15000\$ to 35000\$ CAD per academic year.

WHAT ARE THE ACCOMMODATION AND LIVING EXPENSE COSTS?

Many institutions have accommodation located on or near campus. Dorms generally have a shared kitchen, bathroom, and laundry facilities. Some offer optional meal plans.

If you choose to live off-campus, prices may be lower but will include the additional cost of furnishings, hydro, electricity and/or other miscellaneous expenses.

Rent can depend on the location. Expect to pay from 400-1500 CAD per month, depending on the city.

ARE THERE ANY SCHOLARSHIPS AVAILABLE?

A variety of programs and funding is available to non-Canadians who want to study in Canada. For more information on specific scholarships, consult the website of the Canadian embassy or consulate responsible for your country.

The majority of Canadian universities offer some form of financial assistance for international students studying at the graduate level. Assistance may include:

- Teaching/Department Assistantships
- Research Funds
- University Graduate Scholarships
- External Scholarships
- Bursaries

N.B.: The value of these awards will vary significantly by department as well as by institution. International students may also qualify for Canadian government financial assistance or external scholarships.

CUD DOES NOT OFFER TRANSFERRING STUDENTS SCHOLARSHIPS.

Canadian governmental organizations offer students scholarships based on family academic grades, nationality, income and situation. Students are welcome to research online through <https://w03.international.gc.ca/scholarships-bourses/scholarshipnoncdn-boursenoncdn.aspx?lang=eng> to view which government scholarship they may be entitled to (per nationality basis).

CAN I OBTAIN CITIZENSHIP IN CANADA?

To work in Canada after you graduate, you can apply to have your student visa transferred to work permit, under the Post-Graduation Work Permit Program (PGWPP). If you want to stay in Canada as a permanent resident after you graduate, there are a number of programs available, each with its own requirements please visit <http://www.cic.gc.ca/english/study/work-postgrad.asp>;

It is currently easier to become a Canadian citizen through studies in Canada than it is as a refugee or immigrant.

WHAT IS THE MIN. CUD TRANSFER GPA FOR PARTNER UNIVERSITIES/NON-PARTNER UNIVERSITIES?

Admission is competitive. In the past, the average for admission has ranged from a 3.0 CGPA to a 3.90 CGPA depending on the program and university chosen.

MINIMUM CUD IELTS / TOEFL SCORES

Generally, we advise students to pursue an IELTS exam score as it is an international standardized score.

The table below demonstrates the minimum requirements; some programs may require a higher score. Please contact the international education office for more information (Institutional TOEFL is NOT accepted).

TEST Minimum Score - Admission	TEST Minimum Score - Admission
TOEFL Test of English as a Foreign Language	237 (Computer-based) - 90 (iBT) and no lower than 20 in each band
IELTS International English Language Testing System	6.5 overall and no lower than 6.0 in each band
MELAB Michigan English Language Assessment Battery	81
CAEL Canadian Academic English Assessment	70

VISA PROCESSING:

VISA application needs to be completed in person or online by the student – as per Canadian laws and regulations. For the complete information, please visit [information.http://www.cic.gc.ca/english/resources/publications/study.asp](http://www.cic.gc.ca/english/resources/publications/study.asp)

FLIGHT DISCOUNTS – DOES CUD OFFER FLIGHTS OR HELP WITH BURSARIES FOR THE COSTS OF TRAVELS?

No – CUD cannot assist students wishing to transfer to Canada through discounts, bursaries and scholarships. However, students can liaise with their university of choice, as some universities do provide discounted flights for international students.

CAN A STUDENT RE-TRANSFER BACK CREDITS TAKEN AT A FOREIGN UNIVERSITY IF THEY CHOOSE TO COME BACK AND COMPLETE THEIR DEGREE AT CUD?

Yes – so long as the courses taken at the university fit into CUD's programs, please get in touch with your academic advisor for more information.

WHAT PROGRAMS ARE COMPATIBLE BETWEEN CUD AND PARTNER UNIVERSITIES?

Please refer to our website for all the agreements: <http://www.cud.ac.ae/international-education/study-canada>

WILL STUDENTS LOSE ANY CREDITS AND/OR YEARS IF TRANSFERRING TO A PARTNER UNIVERSITY?

Some transfer credits granted may not fit into a degree dependent on the program of choice. New students should make an appointment with the international education office. This is dealt with on a case-by-case basis.

CUD can only make recommendations and guide the student wishing to transfer – however students need to understand that the partner university may not approve all of the credits and may ask the student to retake a credit from a lower year or prerequisite.

24.5 Summer Study Abroad Opportunities

Several of our faculty members have taken an entire class abroad to deliver a Canadian University Dubai course while exposing the class to a foreign country and its culture. These Study Abroad courses are usually offered in the summer time and may combine class time at our campus in Dubai with overseas delivery or the courses may be delivered entirely overseas.

Architecture courses or educational study trips have been offered in Germany and Italy.

Many of our partners have the capacity to provide local support to such initiatives. These can include airport pickup, residence and meal plans, guest lectures, cultural and social tours etc. If you are a student and are interested in taking part in such a course, speak to the Leader of your program.

24.6 Student Exchange Programs

A short-term international educational experience can be a life changing event. Canadian University Dubai has student exchange programs with the following universities:

- Mount St Vincent University (Halifax, Canada)
- University of the Fraser Valley (Abbotsford, BC, Canada)
- Girne American University (Northern Cyprus and Canterbury, United Kingdom)
- ESC-TROYES, (Troyes, France)

Under this program you may visit a partner university for one or two terms. You will take courses at the partner university and those credits will be transferred back to your program at Canadian University Dubai. You will pay regular tuition fees to Canadian University Dubai.

Admission is on a competitive basis. You must be in good academic standing and have completed 30 credits prior to departure in order to be admitted. The program is open to students enrolled in all of our academic programs.

To apply you must submit your transcript along with one letter of recommendation from a faculty member, and a short statement indicating the reason you wish to participate in the program.

You will meet with an academic advisor prior to departure in order to select courses that ensure that the credits you earn are accepted as towards your Canadian University Dubai degree.

Proof of Health Insurance and a Release of Liability form are mandatory.

To find out more about these opportunities, or to apply please contact us at: studyabroad@cu.dub.ac.ae.

25 Centre for Continuing Education and Life Long Learning

25.1 Continuing Education

- English Placement Testing
- English for Academic Purposes (EAP) Courses
- Intensive English Program (IEP)
- Mathematics for Academic Purposes Courses
- TOEFL / IELTS Testing

25.2 English Placement Testing

Students' enrolling at Canadian University Dubai who do not satisfy the English language proficiency requirements for their program must enroll in an English for Academic Purposes course. All students, irrespective of their level, must provide results of a valid, approved English proficiency exam such as IELTS or TOEFL, or another independent, Ministry-approved English language testing system, before they register. Students who do not supply evidence of an approved English proficiency test result will automatically be placed in the basic level English for Academic Purposes course (EAP – 101).

25.3 English for Academic Purposes (EAP)

a) Background Information

The English for Academic Purposes (EAP) program is provided to students who have the academic credentials to join a university program but have yet to demonstrate that they meet the English language proficiency requirements.

The EAP program is an intensive University level certificate, specifically designed to help you prepare for academic life and achieve the necessary English language standards to progress in our academic programs.

b) EAP Courses

The EAP course you take will depend upon your English language skills at the time of entry. You will need to provide a valid IELTS or TOEFL test score prior to registering for EAP, to ensure that you enter the appropriate program. Without a valid test score, you will automatically be placed in EAP - 101.

The course content for each EAP program is designed to take you from your current level to the corresponding Target IELTS or TOEFL score, in the designated time period, as outlined in the following table.

Program*	Duration in Weeks	Hours per Week	Prerequisite	Target IELTS Score or Equivalent
EAP-101-A (Arabic Stream Communication Students)	6	12	N/A	4.5
EAP - 101	12	15	Below IELTS 4 or TOEFL 400	5.0
EAP - 201	12	10	IELTS 4.0 or TOEFL 400-449	5.0
EAP - 301	6	12	IELTS 4.5 or TOEFL 450-499	5.0
EAP - 401	6	6-9	IELTS 5.0-5.5 or TOEFL 500-550	6.0

**Visit the Non- Credit Course Fee Section for current prices*

c) Program Overview and Learning Outcomes

Our EAP classes are delivered in a friendly, multicultural environment, are student centered, and university-program tailored. Courses are run in conjunction with the University Academic Calendar; please contact the EAP Coordinator for details.

Participants work collaboratively with their instructors and peers to improve their reading, writing, listening and speaking skills in English through a number of up-to-date teaching methodologies. Participants also study academic skills such as note-taking, presentation delivery, and critical thinking. EAP students are encouraged to become involved in University life and to feel part of the learning community.

Unique opportunities for EAP students include:

- A pen pal system with instructors and existing students at Canadian University Dubai to practice fluency in writing.
- Access to the EAP program website and online forum, where additional language practice and class updates are available (i.e. Moodle).
- An extensive reading program for students who enjoy English literature.
- Use of state-of-art resources and technology.

d) Registration

Students can register through the Registration Office. Please contact us directly for more information by calling the recruitment office on +971 (0)4 3219090.

e) EAP Course Descriptions

EAP 101-A: (Arabic Stream Communication Students) Beginner Level - 12 hours per week

This is the start level for students have only a fundamental grasp of the English language. The skills of reading, writing, speaking and listening are all explored in an interactive way. Basic words and phrases are taught in a way that reflects communication in the English language on a day to day basis. The course focuses on simple communication processes. *Prerequisite:* N/A

EAP 101: Basic Level - 15 hours per week

The aim of this level is to improve the four skill areas: reading, writing, speaking and listening. The course will focus on introducing vocabulary, developing basic reading skills of simplified texts, improving listening and conversation skills and introducing the mechanics of writing to develop writing accuracy at the sentence level. *Prerequisite:* Below IELTS 4 or TOEFL 400.

EAP 201: Intermediate Level - 10 hours per week

This level focuses on academic preparation in a combined reading/writing course, oral communications and grammar. It also expands the existing proficiency in speaking, writing, reading and listening. Students will build their vocabulary, acquire academic reading strategies and write organized paragraphs and write grammatically correct sentences. *Prerequisite:* IELTS 4.0 or TOEFL 400-449

EAP 301: Advanced Level - 12 hours per week

This course will improve the four skill areas with emphasis on reading and writing short essays to prepare students for IELTS or TOEFL exams quickly and efficiently. It will also prepare students to join and succeed in major University courses by developing University level vocabulary and using

various reading strategies through authentic texts to increase reading speed and comprehension.

Prerequisite: IELTS 4.5 or TOEFL 450-499

EAP 401: Upper-Advanced Level - 6 to 9 hours per week (72 hours total)

This course is designed to improve the four skill areas of listening, reading, writing and speaking, and prepare students seeking post-graduate studies, such as the MBA, or students seeking university entrance abroad, to achieve a band 6.0 or higher in IELTS or an equivalent score in TOEFL, quickly and efficiently. The course comprises of classroom instruction with an online learning component, designed for optimal results and success. **Minimum Prerequisite:** IELTS 5.0-5.5 or TOEFL 500-550

25.4 Intensive English Program

a) Program Overview

Our IEP courses are delivered in a friendly, multicultural environment, are student centered, and university-program tailored. Courses are run in conjunction with the University Academic Calendar. Students of all ages, and professional and educational backgrounds, are encouraged to register.

Participants work collaboratively with their instructors and peers to improve their reading, writing, listening and speaking skills in English through a number of up-to-date teaching methodologies. Participants also study academic skills such as note-taking, presentation delivery, and critical thinking. IEP students are encouraged to become involved in University life and to feel part of the learning community. A computer lab component allows students to apply what is taught in classroom, to interactive exercises online.

Unique opportunities for IEP students include:

- A pen pal system with instructors and existing students at Canadian University Dubai to practice fluency in writing.
- Access to the IEP course website and online forum, where additional language practice and class updates are available (i.e. Moodle).
- An extensive reading program for students who enjoy English literature.
- Use of state-of-art resources and technology.
- Certificate of completion upon successfully passing course.

The IEP course you take will depend upon your English language skills at the time of entry. You will need to provide a valid IELTS or TOEFL test score prior to registering for IEP, to ensure that you enter the appropriate program. Without a valid test score, you will be assessed by the Program Coordinator.

b) Registration

Students can register through the Admissions Office. Students will be placed in the appropriate IEP course based on their IELTS or TOEFL score, or assessment by the Program Coordinator. Please contact us directly for more information regarding registration by emailing [ConEd@cud.ac.ae](mailto:ConEd@ cud.ac.ae) or by calling the recruitment office on +971 (0)4 3219090

c) IEP Courses

The following courses are offered:

Program	Course Duration/Days of Classroom instruction per week	Hours per week/class	Pre-requisite	Target IELTS score
IEP 100	15 weeks 5 days/wk (Sun/Mon/Tue/Wed/Thurs)	20 hrs./wk. 4 hrs. per class	Below IELTS 3.0 or TOEFL 300	4.0
IEP 200	15 weeks 5 days/wk. (Sun/Mon/Tue/Wed/Thurs)	20 hrs./wk. 4 hrs. per class	IELTS 3.0-3.5 or TOEFL 300-399	4.5
IEP 300	15 weeks 5 days/wk. (Sun/Mon/Tue/Wed/Thurs)	20 hrs./wk. 4 hrs. per class	IELTS 4.0 or TOEFL 400-449	5.0
IEP 400	15 weeks 5 days/wk. (Sun/Mon/Tue/Wed/Thurs)	20 hrs./wk. 4 hrs. per class	IELTS 4.5 or TOEFL 450-499	5.5

**Visit the Non- Credit Course Fee Section for current prices*

d) IEP Course Description

IEP 100 | Beginner Intensive English

Prerequisite: Below IELTS 3.0/TOEFL 300 or assessment by Program Coordinator.

IEP 100 is for beginner level students who have a basic understanding of the English language. IEP 100 encourages students to think critically and succeed academically. The course approach provides a unique critical thinking framework, that develops key cognitive skills such as analyzing, synthesizing, and evaluating, in addition to developing the language skills essential for academic success, including target exercises in reading, writing, listening, speaking, vocabulary and grammar. Critical thinking approach encourages students to analyze, synthesize, and apply knowledge. Reading and listening texts explore a range of academic subjects. Learning skills sections help students develop important academic skills such as scanning and skimming a text, and using a dictionary. The course includes an interactive online homework practice component, with quizzes and tests. The course also includes a Computer Lab component, in which students study and revise information learnt in classroom, and apply it interactively online. Below is a brief outline of areas covered in the course:

- Read for main ideas/details/descriptive adjectives/simple present/writing sentences to describe personality/listen for details/match definitions/simple present
- Capitalization/punctuation/vocabulary word families/parts of speech/write complete sentences using descriptive adjectives/listen for examples/word categories/sentence intonation
- Scanning texts/match definitions/adverbs/predict content/give opinions/express agreement and disagreement
- Subject-Verb agreement/define new terms/verbs+gerunds or infinitives/use collocations with do, play and go/subject and object pronouns
- Verb+Noun collocations/subject and object pronouns/listen for opinions/discuss ideas/compound nouns/paragraph writing/prepositions of locations
- Synonyms/adverbs of frequency/predict content/ask for repetition/nouns and adjectives
- collocations/modals(can/could/should)/adjectives ending in -ed/

***Students receive a certificate upon successful completion of course.**

IEP 200 | Pre-Intermediate Intensive English

Prerequisite: IELTS 3.0-3.5/TOEFL 300-399 or assessment by Program Coordinator

IEP 200 is for pre-intermediate level students of English. IEP 200 encourages students to think critically and succeed academically. The course approach provides a unique critical thinking framework, that develops key cognitive skills such as analyzing, synthesizing, and evaluating, in

addition to developing the language skills essential for academic success, including target exercises in reading, writing, listening, speaking, vocabulary and grammar. Critical thinking approach encourages students to analyze, synthesize, and apply knowledge. Reading and listening texts explore a range of academic subjects. Learning skills sections help students develop important academic skills such as scanning and skimming a text, and using a dictionary. The course includes an interactive online homework practice component, with quizzes and tests. The course also includes a Computer Lab component, in which students study and revise information learnt in classroom, and apply it interactively online. Below is a brief outline of areas covered in the course:

- Writing a main idea and supporting sentences/verb+infinitives/listening for key words and main ideas/distinguishing words with similar meanings/present and simple past/simple past with –ed
- Skimming for the main idea/word roots/compound sentences with but and so/simple past with regular and irregular verbs/listening for main ideas and details/words in context
- Reading charts, graphs, and tables/modifying nouns/sentences with because/suffixes: -ful and –ing/be going to
- Identifying topic sentence/parts of speech/sentences with when/listening for specific information
- Identifying supporting sentences and details/prefixes with un/prepositions of location/gerunds as subjects or objects
- Collocations/infinitives of purpose/making inferences/conjunctions/linking consonants to vowels
- Clauses with after and after that/listening to differing opinions/verb-noun collocations/imperative of be + adjective
- Identifying facts and opinions/word families/contrasting ideas with however/comparative adjectives/idioms and expressions/so and such

***Students receive a certificate upon successful completion of course.**

IEP 300 | Intermediate Intensive English

Prerequisite: IELTS 4.0 or TOEFL 400-449 or assessment by Program Coordinator

IEP 300 is for intermediate level students of English. IEP 300 encourages students to think critically and succeed academically. The course approach provides a unique critical thinking framework, that develops key cognitive skills such as analyzing, synthesizing, and evaluating, in addition to developing the language skills essential for academic success, including target exercises in reading, writing, listening, speaking, vocabulary and grammar. Critical thinking approach encourages students to analyze, synthesize, and apply knowledge. Reading and listening texts explore a range of academic subjects. Learning skills sections help students develop important academic skills such as scanning and skimming a text, and using a dictionary. The course includes an interactive online homework practice component, with quizzes and tests. The course also includes a Computer Lab component, in which students study and revise information learnt in classroom, and apply it interactively online. Below is a brief outline of areas covered in the course:

- Identifying the main idea of a paragraph/writing descriptive paragraphs/present continuous/listening for main ideas/collocations: nouns and verbs/present continuous/intonation
- Getting meaning from context/suffixes/future with will/understanding cause and effect/word families: nouns and verbs
- Identifying supporting details/prefixes/subject-verb agreement/modal verbs: should and shouldn't

- Taking notes/writing an opinion paragraph/modals/imperative verbs
- Skimming texts/unity in paragraph/comparative and superlative adjectives/word families: nouns, verbs and adjectives/auxiliary verbs in questions
- Identifying author's purpose/describing a process/infinitives of purpose/listening for specific information/comparatives and superlatives
- Identifying fact and opinion/phrasal verbs/simple past and past continuous/compound nouns/future with will
- Synthesizing information/collocations/writing an explanatory paragraph/adverbs of manner and degree/if clauses for future possibility

***Students receive a certificate upon successful completion of course.**

IEP 400 | Pre-Advanced Intensive English

Prerequisite: IELTS 4.5 or TOEFL 450-499 or assessment by Program Coordinator

IEP 400 is for pre-advanced level students of English. IEP 400 encourages students to think critically and succeed academically. The course approach provides a unique critical thinking framework, that develops key cognitive skills such as analyzing, synthesizing, and evaluating, in addition to developing the language skills essential for academic success, including target exercises in reading, writing, listening, speaking, vocabulary and grammar. Critical thinking approach encourages students to analyze, synthesize, and apply knowledge. Reading and listening texts explore a range of academic subjects. Learning skills sections help students develop important academic skills such as scanning and skimming a text, and using a dictionary. The course includes an interactive online homework practice component, with quizzes and tests. The course also includes a Computer Lab component, in which students study and revise information learnt in classroom, and apply it interactively online. Below is a brief outline of areas covered in the course:

- Using the dictionary to identify word forms/organizing and developing a paragraph/real conditionals: present and future/making inferences/verbs (do,be,have)/contractions/
- Use of context to understand words/using descriptive adjectives/use and placement of adjectives/listening for causes and effects/quantifiers with countable and uncountable nouns
- Taking notes/synonyms/writing a summary and a personal response/parallel structure/listening to time markers/tag questions/intonation
- Distinguishing facts from opinions/suffixes/writing an opinion essay/compound sentences/modals expressing attitude
- Writing a narrative essay/shifts between past and present time frames/past perfect
- Phrasal verbs/stating reasons and giving examples/gerunds and infinitives/
- Using a timeline/collocations and nouns/writing a cause/effect essay/complex sentences/idioms/listening for signposts
- Scanning a text/collocations with adjectives + prepositions/writing an argumentative essay/past and present perfect/

***Students receive a certificate upon successful completion of course.**

e) Student Residence Visa

Students enrolled and accepted full time into IEP are eligible for university sponsored student residency visas. Visa charges apply.

****Registration and visa fees must be paid in full and in advance for visa sponsorship eligibility.***

25.5 Mathematics for Academic Purposes

a) Background Information

Courses are offered to students who do not yet have the necessary mathematical background or knowledge to successfully undertake Credit Math's Courses. This is an intensive University level certificate program designed to prepare the student for those Courses.

Classes are delivered in a friendly classroom environment where students will collaborate with their colleagues and the teacher. Extra tutorials are available for those students who feel they require extra help.

b) Registration

All students with the exception of those on Communications Programs are required to complete a Math's Skills Test prior to attempting Credit Math's Courses. Students who pass the test will proceed directly to Credit Courses. Students who are unsuccessful will be required to take either MTH 011, College Algebra for those students who are registering for Business or Health Courses or MTH 012 Pre- Calculus for those registering for Architecture, Interior design or Engineering Courses.

For students who have a low score on the Math's Skills test there is a Foundation Math's Course MTH 010. Students who take this course and pass will then be eligible to move forward to College Algebra or Pre-Calculus.

Students can register for the Test at the Office of the Registrar.

Program Duration*		
Math's Courses run in conjunction with the University Calendar, however during the Summer Session the course is condensed. Please contact the Continuing Education Department for further details.		
MTH 010	9 hours per week	Over 6 Weeks
MTH 011	3 hours per week	Over full Semester
MTH 012	3 hours per week	Over full Semester

**(Students who pass MTH 010 will proceed to MTH 011 or MTH 012 over the second half of the Semester (6 hours per week)*

**Visit the Non- Credit Course Fee Section for current prices*

c) Program Overview and Learning Outcome

Students will work from a prescribed textbook utilizing the exercises to augment their Mathematical Skills. Course Tutor will supervise the learning and pace it at the level of the individual student, supplementing the learning with weekly tutorials. Assessment will be through regular home works, quizzes, a mid-term test and a Final Examination.

d) MTH Course Descriptions

MTH 010 Foundation Mathematics

This "Crash" course is a mathematics course in basic numbers, algebra, shapes and Statistics and probability. The course is intended for those students who failed both parts of the mathematics placement test below 40%. It aims at building up the confidence and basic knowledge of students in order to enable them to cope with further mathematics and statistics courses.

MTH 011 College Algebra

This course is a mathematics course in basic algebra and trigonometry. The course is intended for those students who failed both parts of the mathematics placement test. It aims at building up the

mathematical foundations of students in order to enable the students to cope with further mathematics and statistics courses.

MTH 012 Pre-calculus

The course covers the necessary background in algebra and trigonometry for engineering and architecture students to prepare for the standard university calculus sequence and to understand the graphing and function analysis required for calculus. The course is designed to students who, have taken the college preparatory courses in high school but are not quite prepared to do the type of analysis required to successfully complete a university calculus sequence.

25.6 TOEFL / IELTS Testing

All Academic programs at Canadian University Dubai have an English proficiency requirement; we are able to offer a convenient on campus Institutional TOEFL and IELTS exam service for all prospective and currently enrolled students. The Institutional TOEFL test assesses a students' proficiency level in three different skills — reading comprehension, listening comprehension, and structure and written expression. Tests are carried out on a regular basis and dates are published in advance on our website. Students may also obtain additional information on pricing, timings and apply for the test through the Office of the Registrar.

25.7 Corporate Training

Experienced University faculty and certified trainers prepare and conduct a range of tailored management consulting and corporate training services, professional courses and certificate programs, as well as academic preparation courses. Most of the experts affiliated with corporate training at Canadian University Dubai are Canadian, American or European educated, and they have experience and knowledge of the GCC. They come with international expertise in Management, Engineering, Architecture, Islamic Banking, Finance, Environment, Healthcare Management, Interior Design, English Language and Translation, Communications including Public Relations, Journalism and Advertising.

Training programs offered at Canadian University Dubai are non-credit and consist of activities conducted over a number of days, typically 3-5 days, for 6-7 hours a day. Training sessions are highly interactive and include group work to solve a selection of case studies and exercises, as well as role play sessions to practice a range of skills. Training videos and other training materials are widely used to support lectures. The carefully prepared content helps participants keep in touch with best practice in the field. They offer access to the latest training programs needed for various functional areas such as Sales & Marketing, Human Resources, Accounting, and Customer Service from the administrative to the executive level.

Custom made training and off-the-shelf programs can be implemented to suit the particular needs of individuals and corporate clients. For more information, please visit www.cud.ac.ae/corporate-training

26 Research at Canadian University Dubai

Canadian University Dubai is a research-focused institution with a broad portfolio of academic expertise. Across our Faculties and Departments – Management, Communication, Environmental Health Sciences, Electrical Engineering, Computer Engineering and Computational Sciences, Architecture and Interior Design – the University contributed significantly to the wider research community. The Research Hub at CUD was established to build a worldwide international research collaboration to enrich the university studies with the sustainable development goals and the wellbeing and engagement with the local, regional, and international societies as part of the University's social responsibility. The Hub remains open for international calls for multidisciplinary research collaboration.

26.1 Goals and Objectives

The research initiatives and projects conducted at Canadian University Dubai are aimed at:

- Providing a means to reach out to student communities, practitioners in the workplace, and the business community and to raise awareness of the great opportunities and important challenges that research at Canadian University Dubai offers.
- Fostering and facilitating a broad multi-disciplinary involvement and an inter-disciplinary collaboration.
- Creating a web-based resource repository to facilitate research, education, and outreach to the student community.
- Stimulating industry/business/community interest and investment in university research by showing clear pathways to business benefits of research results.

The success of the research initiatives at the University will be measured by:

- Collaboration with government institutions (local, regional, and international), industry and other stakeholders to engage in research activities that have a direct impact on the UAE economy and society.
- Providing answers and solutions, as a research university, to the needs of the sustainable development goals (SDGs) and the NGOs
- Engaging our students at all levels into research, to gain broader knowledge and good understanding of the nature and importance of research in their field and education.
- Providing an enabling research environment to the faculty and student body in order to remain both research-active and competitive.
- Organizing International Conferences and Workshops to serve as forums for researchers and practitioners to exchange, network, present and discuss their work, as well as to contribute to the expansion of knowledge and to encourage research initiatives among the community of the University.

26.2 Research Partnerships

Through the Office of Research and Excellence, Canadian University Dubai continually seeks to foster research collaborations with both academic and business partners to generate knowledge that will be of benefit to wider society. This provides a unique opportunity for researchers within the University to contribute to first class research programs in collaboration with their peers in Canada, the US, Europe, Asia and other international settings.

Research initiatives are implemented in close collaboration with partner universities from Canada, including:

- University of New Brunswick;
- Brock University;
- Trent University;
- University of Prince Edward Island;
- Cape Breton University;
- Royal Roads University;
- University of Windsor Canada;

Additional research partnerships have been initiated with:

- Universiti Teknologi Malaysia (UTM)
- Multimedia University
- Inovative International College
- University Teknologi Malaysia (UiTM)
- Chung-Ang University Korea
- Hanyang University Erica
- University of Canada, Egypt
- The Hashemite Univeristy Jordan
- The Chicago School of Professional Psychology
- MoU Universite de Lyon (UdL)
- La Rochelle Université
- University of Petroleum and Energy Studies in India
- American university of the Middle East (AUM) in Kuwait
- Applied Science University (ASU) in Bahrain

These partnerships make the university a portal to Canadian and other international education systems and give Canadian University Dubai a global stature.

26.3 International Conferences

As part of its research agenda, Canadian University Dubai regularly organizes conferences and workshops that bring together both researchers and practitioners to share their experience and expertise on an international stage. These workshops enable multidisciplinary collaboration across diverse research areas with industry and businesses, both regionally and globally.

Canadian University Dubai has successfully organized the following conferences:

- International Conference on Leadership, Innovation and Entrepreneurship as driving forces of the Global Economy (ICLIE), April 20th-22nd, Atlantis The Palm, Dubai, UAE
<http://www.iclie.com>
- International Conference on Web & Open Access to Learning, November 25th - 27th, 2014. Atlantis The Palm, Dubai, UAE <http://www.icwoal.org/>
- International Conclave on Data Analytics, BI, Action Research & Cases in the Power and Energy Sector February 23rd -26th, 2014.
- 6th Joint IFIP Wireless and Mobile Networking Conference, (WMNC 2013), April 23rd-25th, 2013. Atlantis Hotel. Dubai. UAE.
- 4th International Conference on Networked Digital Technologies (NDT'2012) - April 24th-26th, 2012.

- International Symposium on Networks, Computers and Communications (ISNCC 2021), October 31 – November 2, 2021. Dubai, UAE. <https://sites.google.com/view/isncc2021>
- PRME Chapter MENA 9th Annual Forum & 2022 Conference, March 22nd – 24th, 2022. De Montfort University Dubai Campus, UAE.
- 7th Annual International Conference of the International Association for Silk Road Studies (IASS 2022), February 20th to 24th 2022. Canadian University Dubai, UAE.
- International Seminar and Conference on Learning Organisation (ISCLO), November 25th – 26th, 2021.

26.4 Distinguished Speakers

Canadian University Dubai has had the pleasure of hosting numerous distinguished guest speakers, including:

- H.H. Sheikh Mohammed Maktoum Juma Al Maktoum
- H.E. Tun Dr. Mahathir Mohamad
- H.E. Anurag Bhushan, Consul General of India to UAE
- Dr. Sam Ozarsky, St. Michael's Hospital, Toronto
- Dr. Cigdem Berdi Gokhan, Cankaya University
- Dr. Ajay Mathur, Director General, Bureau of Energy Efficiency, and Member, Prime Minister's Council on Climate Change, India
- Professor Muriel Médard, MIT, Boston, USA
- Professor Norman C. Beaulieu, University of Alberta, Canada
- Professor Abbas Jamalipour, University of Sydney, Australia
- Professor Bayan Sharif, Khalifa University, United Arab Emirates
- Ms. Aisha Mohamed Al Abdooli, Acting Assistant Undersecretary Environment Affairs Sector, Ministry of Environment & Water, UAE
- Mr. A. C. Chaturvedi, Executive Director, NTPC LTD, India
- Mr. Neeraj Bansal, Country Head(India), Real Estate and Construction – KPMG
- Mr. Jinendra Gugaliya, Scientist, ABB Corporate Research Centre, India
- Mr. R.S. Mani, Regional General Manager (QE) – Middle East – ABS Group Inc
- Mr. Niraj Mathur, Sr. Lead Assessor, Lloyds, Dubai
- Mr. U. K. Das, AGM (EC) NTPC Ltd., India
- CA. Nitin Wadhwa, Assistant Manager, Energy Efficiency Services Limited, Ministry of Power, India
- Mr. Vivek Soni, Ph. D. Scholar, Indian Institute of Technology Delhi, India
- Professor Mary Gentile, Creator/Director of Giving Voice to Value
- Professor Hossam Ali-Hassan, York University Toronto, Canada
- Professor Langdon Morris, Futurist, Creator of Innovation Master, United States
- Farah Naz, Head of Innovation, Sustainability & ESG - MENA, AECOM, United Arab Emirates
- Professor Winka Dubbeldam, Chair and Miller Professor of Architecture, University of Pennsylvania, United States

27 Academic Administration and Faculty Directory

27.1 Administration and Staff

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UNIVERSITY ADVANCEMENT						
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RESEARCH AND EXCELLENCE						
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Ms.	Tarteil Salih	Logistics Officer	tarteil.salih@ cud.ac.ae			Hub 1, 34
PROCUREMENT						
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INFORMATION AND COMMUNICATION TECHNOLOGY						
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27.2 List of CUD Faculty

a) School of Architecture and Interior Design (SAID)

Faculty Name	Rank	Highest Qualification	Discipline	Institution	Email	Ext.	Direct Line	Office No.
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Sophie Johnson	Senior Lecturer and HOD-ID	Master	Interior Design	The Royal College, UK	sophie@cud.ac.ae	274	04 709 6274	HUB 81
Maha Salman	Associate Professor	PhD	Sustainable Architecture	University of Huddersfield, UK	maha.salman@cud.ac.ae	835	04 709 6835	HUB 75
Simona Azzali	Associate Professor	PhD	Urban Planning & Design	Qatar University, Qatar	simona.azzali@cud.ac.ae	247	04 709 6247	HUB 80
Serkan Gunay	Assistant Professor	PhD	Architecture	Oxford Brookes University, England	serkan@cud.ac.ae	154	04 709 6154	HUB 79
Sana Tamzini	Assistant Professor	PhD	Interior Design	University of Manouba, Tunisia	sana.tamzini@cud.ac.ae	275	04 709 6275	HUB 72
Shahab Ghandhari	Senior Lecturer	Master	Interior Design	The University of Manitoba, Canada	shahab.ghandhari@cud.ac.ae	714	04 709 6714	Hub 73
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Christine Yogiaman	Assistant Professor of Practice	Master	Architecture	Columbia University, USA	Christine.yogiaman@cud.ac.ae	873	04 709 6873	HUB 78
Taghrid Mohamed	Teaching Assistant	Bachelor	Architectural Engineering	Pharos University in Alexandria, Egypt	Taghrid.Abouzeid@cud.ac.ae	-	-	HUB G, 105
Nadeem Abdelrahman	Teaching Assistant	Master	Architecture	Oxford Brookes University	nadeem.mohamed@cud.ac.ae			HUB 103
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Prisca Monteiro	Academic Support Officer	Bachelor	Business Administration	Sikkim Manipal University, India	prisca@cud.ac.ae	117	04 709 6117	HUB 1, 7

b) School of Engineering, Applied Science and Technology (SEAST)

Faculty Name	Rank	Highest Qualification	Discipline	Institution of Highest Qualification	Email	Ext.	Direct Line	Office No.
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Firuz Kamalov	Professor	PhD	Mathematics	University of Nebraska, USA	firuz@cud.ac.ae	175	04 709 6175	HUB 1, 49
Haytham El-Messiry	Associate Professor	Doctor of Science	Computer Science	Ulm University, Germany	haythem.elmessiry@cud.ac.ae	299	04 709 6299	Hub 1,11
Yasir Faheem	Associate Professor	Diplome Docteur	Networks and Information Technology	Universite Paris 13 – Sorbonne Paris Cite, France	yasir.faheem@cud.ac.ae	146	04 709 6146	HUB 1, 3
Sahil Garg	Associate Professor	PhD	Computer Science & Engineering	TIET, PATIELA India	sahil.garg@cud.ac.ae	283	04 709 6283	HUB 1, 12
Kuljeet Kaur	Associate Professor	PhD	Computer Science & Engineering	TIET, PATIELA India	kuljeet.kaur@cud.ac.ae	228	04 709 6228	HUB 1, 21
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Khaled Mourad	Associate Professor	PhD	Control Engineering	University of Sheffield, UK	Khaled.Goher@cud.ac.ae	237	04 709 6237	HUB 1, 47
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Faculty Name	Rank	Highest Qualification	Discipline	Institution of Highest Qualification	Email	Ext.	Direct Line	Office No.
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Salih Rashid Majeed	Assistant Professor	Doctor of Engineering	Virtual Reality & Simulations	University of Siegen, Germany	salih.majeed@tud.ac.ae	877	04 709 6877	Hub 1, 23
Tamer Mohamed Abdellatif Mohamed	Assistant Professor	PhD	Electrical and Computer Engineering	The University of Western Ontario, Canada	tamer.mohamed@tud.ac.ae	822	04 709 6822	HUB 1, 18
Ziad El-Khatib	Assistant Professor	PhD	Electrical & computer Engineering	Carleton University, Canada	ziad.elkhatib@tud.ac.ae	269	04 709 6269	HUB G, 6
Najla Dawood Mohammed Al Futaisi	Assistant Professor	PhD	Artificial Intelligence	Imperial College London, UK	Najla.AIFutaisi@tud.ac.ae	232	04 709 6232	Hub 1, 22
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Ahmed Hamed Hussein	Assistant Professor	PhD	Computer Science	Suez Canal University, Egypt	ahmed.hussein@tud.ac.ae			Hub 1, 2
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Hussein Aboueldahab	Teaching Assistant	Bachelor	Network Engineering	Canadian University Dubai, UAE	hussein.aboueldahab@tud.ac.ae			
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c) School of Management (SOM)

Faculty Name	Rank	Highest Qualification	Discipline	Institution	Email	Ext.	Direct Line	Office No.
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Elgilani Eltahir Elshareif	Professor	PhD	Financial Economics	University of Putra, Malaysia	elgilani@tud.ac.ae	211	04 709 6211	SOM 108
Farooq Haq	Professor	PhD	Marketing	Charles Darwin University, Australia	farooq@tud.ac.ae	204	04 709 6204	SOM 105
Ikhlaas Gurrib	Professor	PhD	Economics & Finance	Curtin University of Technology, Australia	ikhlaas@tud.ac.ae	140	04 709 6140	SOM 104
Qian Long Kweh	Professor	PhD	Accounting	Universiti Malaysia Pahang, Malaysia	qlkweh@tud.ac.ae	285	04 709 6285	SOM 106

Faculty Name	Rank	Highest Qualification	Discipline	Institution	Email	Ext.	Direct Line	Office No.
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Avraam Papastathopoulos	Associate Professor	PhD	Business Administration	The University of Patras, Greece	avraam@tud.ac.ae	244	04 709 6244	SOM 206
Ji Yeh Choi	Associate Professor	PhD	Quantitative methods and Applied analytics	McGill University, Canada	JiYeh.Choi@tud.ac.ae	876	04 709 6876	SOM 119
Mohammed Behery	Associate Professor	PhD	Management	Glasgow University-Adam, UK	mohamed.behery@tud.ac.ae	837	04 709 6837	SOM 113
Osama Fayez Qasem Atayah	Associate Professor	PhD	Accounting	Arab University	osama.atayah@tud.ac.ae	256	04 709 6256	SOM 120
Rima Mishlawi	Associate Professor	PhD	Islamic Finance and Economic Studies	Imam Ouzai University	rima.bizri@tud.ac.ae	846	04 709 6846	SOM 122
Saida Harguem	Associate Professor	PhD	Management Information Systems	Laval University, Canada	saida.harguem@tud.ac.ae	836	04 709 6836	SOM 209
Saif Ur-Rehman Khan	Associate Professor	PhD	Management	National University of Modern Languages Islamabad, Pakistan	saif.urrehman@tud.ac.ae	859	04 709 6859	SOM 109
Zakariya Chabani	Associate Professor	PhD	Commercial Studies Management	School of Higher Commercial Studies (EHEC Alger), Algeria	zakariya.chabani@tud.ac.ae	284	04 709 6284	SOM 208
Amjad Fayoumi	Associate Professor	PhD	Business Environment	Loughborough University, UK	amjad.fayoumi@tud.ac.ae	284	04 709 6874	SOM 201
Munther AL Nimer	Associate Professor	PhD	Strategic Management Accounting	University of Wales, UK	Munther.ALNimer@tud.ac.ae	280	04 709 6280	SOM 210
Khakan Najaf	Associate Professor	PhD	Accounting & Finance	Taylor's University, Malaysia	naiaf.khakan@tud.ac.ae	832	04 709 6832	SOM 214
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Rachid Alami	Associate Professor	PhD	Management	PSL Dauphine University, France	rachid.alami@tud.ac.ae	279	04 709 6279	
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Faculty Name	Rank	Highest Qualification	Discipline	Institution	Email	Ext.	Direct Line	Office No.
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Jommel Orillo	Academic Support Officer	Bachelor	Computer Science	Cavite State University, Philippines	jommel.orillo@cud.ac.ae	287	04 709 6287	SOM 202
Ali Fatah Alla Ali Eissa	Academic Support Officer	Bachelor in Science	Engineering Technology	University of Gezira, Sudan	ali.eissa@cud.ac.ae	206	04 709 6206	SOM 103

d) School of Health Sciences and Psychology (SHSP)

Department of Public Health

Faculty Name	Rank	Highest Qualification	Discipline	Institution	Email	Ext.	Direct Line	Office No.
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Wissam Ghach	Associate Professor	PhD	Chemistry	University of Lorraine, France	wissam.ghach@cud.ac.ae	865	04 709 6865	Hub 1, 17
Mohammed Alkhaldi	Assistant Professor	Philosophiae Doctorem	Public Health Policy and Systems	University of Basel, Switzerland	mohammed.alkhaldi@cud.ac.ae	864	04 709 6864	Hub 1, 14
Abir Hamze	Assistant Professor	PhD	Environmental Engineering	Toronto Metropolitan University, Canada	Abir.Hamze@cud.ac.ae			Hub 1, 1
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Maryana Aiman Malkat	Academic Support Officer	Bachelor	Aeronautical Engineer	Emirates Aviation University	miryana.ayman@cud.ac.ae	165	04 709 6165	Hub 1, 7

Department of Psychology

Faculty Name	Rank	Highest Qualification	Discipline	Institution	Email	Ext.	Direct Line	Office No.
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Faculty Name	Rank	Highest Qualification	Discipline	Institution	Email	Ext.	Direct Line	Office No.
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Bashar Qatanany	Teaching Assistant	BA	Psychology	Canadian University Dubai, UAE	bashar.qatanany@ cud.ac.ae	-	-	HUB G 108

e) School of Communication and Creative Industries (SCCI)

Faculty Name	Rank	Highest Qualification	Discipline	Institution	Email	Ext.	Direct Line	Office No.
COMMUNICATION & MEDIA								
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Cecilia Kindelan Amorrich	Associate Professor	PhD	Strategic Communications, Artificial Intelligence and Ethics	University of Las Palmas de Gran Canaria	cecilia.kindelan@ cud.ac.ae	-	-	HUB 1, 44
Arianna Mazzeo	Assistant Professor	PhD	Information and Knowledge Society	Open University of Catalonia, USA	arianna.mazzeo@ cud.ac.ae	126	04 709 6126	HUB 1, 41
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Pushpakumara Pelan Wattage	Assistant Professor	PhD	Cinematography and Audiovisual Production	Chung-Ang University, South Korea	sanjeewa.pelan@ cud.ac.ae			HUB 95
Hadeel Sameh Farid Alhaddadeh	Assistant Professor	PhD	Public Relations and Advertising	University of Florida	Hadeel.Alhaddadeh@ cud.ac.ae	127	04 709 6127	HUB 1, 42
Fanan Al Madhi	Visiting Lecturer	Master	Instructional Technology and Multimedia	Universiti Sains of Malaysia, Malaysia	fanan.almadi@ cud.ac.ae	833	04 709 6833	SOM A082
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CREATIVE INDUSTRIES								
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Stephen John De Filippo	Assistant Professor	PhD	Music Composition	University of California, San Diego	Stephen.Filippo@ cud.ac.ae	-	-	HUB 75
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Saif Al Jabri	Visiting Associate Professor	Doctor of Islamic Studies	Quran Studies & Tafsir	University of Durman, Sudan	saifaljabri@tud.ac.ae	-	-	HUB
Shabana Kamal	Visiting Assistant Professor	Doctor of Education (EdD) TESOL	English Language	University of Exeter, UK	shabana.kamal@tud.ac.ae			
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Clara Rebecca Ryan	Visiting Lecturer	Master	Political Science	University of Western Ontario	clara.ryan@tud.ac.ae	-	-	HUB 75
Sylvain Tremblay	Artist-Arts Lab	College Degree	Graphic Arts	College Sainte-Foy, Canada	sylvain@tud.ac.ae	-	-	HUB 100
Junas Andrino	Academic Support Officer/ HSE	Bachelor	Nursing	Cebu Sacred Heart College, Philippines	junas.andrino@tud.ac.ae	266	04 709 6266	HUB 1, 46

g) Incubator

Faculty Name	Rank	Highest Qualification	Discipline	Institution	Email	Ext.	Direct Line	Office No.
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Eman Aldajah	Incubator Coordinator	Master	Business Administration	Loyola University of Chicago, USA	eman.aldajah@tud.ac.ae	-	-	Incubator

h) Center for Sustainability

Faculty Name	Rank	Highest Qualification	Discipline	Institution	Email	Ext.	Direct Line	Office No.
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Ammar Yahia	Professor	PhD	Civil Engineering	Universite De Sherbrooke	ammam.yahia@tud.ac.ae	852	04 709 6852	HUB 92
Rafik Belarbi	Professor	PhD	Architecture	La Rochelle University, France	rafik.belarbi@tud.ac.ae	715	04 709 6715	HUB 93

i) Asian Studies

Faculty Name	Rank	Highest Qualification	Discipline	Institution	Email	Ext.	Direct Line	Office No.
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28 Course Descriptions

28.1 Course Descriptions - English Courses

ACC 340 - Financial Management

(3-0-3)

Prerequisite: BSM 200

This course focuses on developing an understanding of fundamental financial management for enhancing success in business. The knowledge and skills acquired by students making a concerted effort to learn will be applicable to a wide range of business contexts including, but not limited to, managing and growing a privately-owned business and being employed in business in a variety of functions (not limited to financial). Topics covered include essential business concepts that impact financial management; financial performance criteria; reading, understanding & analyzing financial statements; interpreting & communicating the results of business performance; the basic impact of taxation on businesses; identifying & obtaining appropriate financial resources; management reporting; and, basic financial planning, budgeting & control.

ACT 112 - Principles of Accounting I

(3-0-3)

Prerequisite: None

This course concentrates on accounting for merchandise operations, proprietorship, specialized books of original entry, and the voucher system including emphasis on the financial aspects of accounting. Also, accounting concepts and principles, accounting for cash and receivables, inventory systems, inventory costing methods, accounting of acquisitions, depreciation and disposal of plant assets will be covered in this course.

ACT 212 - Principles of Accounting II

(3-0-3)

Prerequisite: ACT 112

This course covers financial and managerial accounting theory and practices, including topics such as partnerships, capital stock transactions and dividends, liabilities, statement of cash flows, financial statement analysis, managerial accounting concepts and principles, cost behavior, cost-volume-profit analysis, and budgetary planning and control.

ACT 250 - Fundamentals of Taxation

(3-0-3)

Prerequisite: ACT 112

This course provides a comprehensive learning of taxation, delving into essential topics like the income tax formula and various forms of taxes. It thoroughly covers income tax principles, offering insights into self-employment income, capital gains, and property sales. Moreover, the course discusses income sources and exclusions, including employment-related, human capital-related, and investment-related exclusions. The course also includes a detailed analysis of value-added tax (VAT) and corporate tax in the UAE.

ACT 310 - Management Accounting

(3-0-3)

Prerequisite: ACT 212

This course provides a study of the generation, communication, and interpretation of internal information, both financial and non-financial, for operational and strategic decision-making purposes. The course demonstrates how managers can use internal information that is generated, communicated, and interpreted to implement plans and improve the process of providing goods and services to customers. The course's scope embraces the use of accounting information for planning and control purposes in operational and strategic decision-making.

ACT 330 - International Financial Reporting Standards

(3-0-3)

Prerequisite: ACT 212

This course presents a deep understanding of financial accounting and reporting under the International Financial Reporting Standards (IFRS). Students will learn the core concepts and their practical application in

preparing key financial statements: the income statement, balance sheet, and cash flow statement. Furthermore, students will gain knowledge and skills in accounting for various asset types, including inventory, property, and intangibles, while mastering the rules of impairment. This course also includes lease accounting, liabilities, equity, and earnings per share calculations and journal entries.

ACT 335 - Advanced Financial Accounting

(3-0-3)

Prerequisite: ACT 212

This course examines the theory and practice of accounting for inter-corporate investments, business combinations, and consolidation of financial statements of multinational firms. It also addresses segment and interim reporting as well as special accounting problems such as corporate liquidation.

ACT 430 - Accounting Information Systems

(2-2-3)

Prerequisite: ACT 212

This course explores business processes and transaction cycles, related internal controls, and the use of computers as tools for the collection, organization, analysis and reporting of accounting data. In this course, students also learn basic system documentation techniques, database concepts and apply their accounting skills using the QuickBooks cloud Accounting based software.

ACT 450 - Auditing

(3-0-3)

Prerequisite: ACT 310 & ACT 330

This course covers audit functions in public and commercial institutions, including auditing principles and standards. That is, this course will prepare students to be able to explain the core principles and philosophies of auditing, apply relevant audit standards for various engagements, use effective audit sampling techniques, and conduct audits for both public and private entities with professional ethics. Students will ultimately learn the complex process of preparing and interpreting clear and simple audit reports.

AIMC 200 - Principles of Advertising and Integrated Marketing Communications

(3-0-3)

Prerequisite: None

This course aims to introducing students to Advertising and Integrated Marketing Communications (AIMC). It covers (AIMC) theories, history, social, legal and ethical issues. It introduces students to the different AIMC forms in advertising, public relations and marketing. Students will also analyze various case studies as well as carrying out an AIMC campaign that includes brand positioning, campaign objectives, creative strategy, promotion strategy, and media strategy.

AIMC 210 - Audience Perceptions and Insights

(3-0-3)

Prerequisite: MCM 121 & AIMC 200/PRA 221/DMJ 200

This course aims to ensure students' understanding of the tenets of audience/consumer behavior and insight through theoretical, critical thinking exercises, and comparative literature. This course capitalizes and builds upon the storytelling and story making character of mass and self-broadcast communication strategies across platforms. Furthermore, the comparative literature approach to studying consumer behavior enables students' appreciation of different cultures, intra-and-internationally as basis for developing AIMC campaigns.

AIMC 220 - Research, Measurement and Metrics

(3-0-3)

Prerequisite: MCM 140 & AIMC 200

The new age of advertising and integrated marketing requires an understanding of data. This course covers the theoretical understanding of data necessary for students to adapt to the many changes in integrated marketing communications, while also equipping students with the skills needed to perform vital daily functions. By the end of the course, students will be able to make data-driven business support center decisions.

AIMC 305 - Rhetoric and Strategic Writing

(3-0-3)

Prerequisite: MCM 201 & AIMC 200

The course aims to introduce students to the fundamental elements of Advertising and Integrated Marketing Communications (AIMC) copywriting, with a focus on comparing and analyzing rhetorical theories, including digital rhetoric. Students will employ multimedia and graphic design tools while critically considering cultural, emotional, rational/mindshare, and viral branding strategies. Upon completion of this course, the student will be able to describe the various forms and types of persuasive AIMC writing techniques, develop a sound creative strategy, and execute strategic copywriting assignments for print, broadcast, electronic, and interactive media.

AIMC 315 - Creative Advertising Strategies
(3-0-3)
Prerequisite: MCM 250 & AIMC 200

This course covers various aspects of creativity in AIMC. It includes creative idea generation and selection, attention tactics, developing and executing creative message strategies for AIMC across print, broadcast, out-of-home, and interactive media. In the process, students will compose creative briefs that include issue-to-be-addressed, communication objective, target audience analysis, compelling benefit, and rhetorical appeals for promoting various products (person, place, thing, or ideas/causes). Students will employ the latest relevant multimedia and graphic design tools while considering cultural, emotional, rational/mindshare, and viral branding strategies in formulating and executing creative ideas.

AIMC 418 - Communication and Media Planning Strategies
(3-0-3)
Prerequisite: DMJ 220 or AIMC 220 or PRA 220

This course covers media strategy and analysis while implementing communications plans. Students will learn to analyze audience data using various industry sources. They will be able to explain how various media touchpoints are bought and sold in both the traditional and digital media landscape.

AIMC 425 - AIMC Capstone Project
(3-0-3)
Prerequisite: AIMC 418

This is the capstone course for the Advertising and Integrated Marketing Communication specialization. It is designed to integrate most of what has been learned in earlier courses in the communication and media (MCM) program and particularly in the Advertising and Integrated Marketing Communications courses. Working individually and/or in teams, students will produce an Advertising and Integrated Marketing Communication campaign/project, related to a "real-world" case study that will be provided and co-supervised by professionals from an appointed reputable international AIMC agency.

AIMC 430 - E-Portfolio and Internship II for AIMC
(3 Credits)
Prerequisite: MCM 431

This is a continuation of the Internship I course (MCM 430) with focus on the specialized industry of Advertising and Integrated Marketing Communication. The student will also produce an e-portfolio summarizing her/his achievements and contributions in the workplace and a good variety of representative CUD coursework. The Internship course provides students the opportunity to apply the theoretical knowledge and practical skills they have acquired in the classroom in 'real-world' settings.

ARC 201 - Studio 3 - Architectural Design & Materiality
(3-6-6)
Prerequisite: DES 102, DES 120 & DES 123

This studio course focuses on the holistic integration of structure, materiality, and spatial design in architecture. It emphasizes how construction techniques influence formal and functional outcomes, guiding students to address specialized design challenges, particularly small-scale public or residential buildings. Through the Pre-Design, Schematic Design, and introductory Design Development stages, students explore how material and construction constraints shape their designs. Instruction includes lectures, presentations, critiques, and site visits, fostering a comprehensive understanding of construction's role in architectural design.

ARC 202 - Studio 4 - Design and Context

(3-6-6)

Prerequisite: ARC 201

ARC 202 Contextual Design is a crucial studio linking previous design explorations with advanced architectural projects. This studio examines how context influences architectural design, building on methods introduced in earlier courses. It emphasizes the importance of site exploration and understanding contextual factors. Students learn to view landscapes and topography as expressions of natural and cultural elements and use building systems to integrate these into sustainable projects addressing environmental challenges. Complementary courses like 'Site Planning & Landscape' and 'Advanced Construction & Design Integration' support this learning. Students deepen their understanding of design development through a structured process, engaging in pre-design activities for mid-sized architectural projects. They develop a critical awareness of cultural and natural factors, enabling them to analyze challenges, create space programs, and develop innovative solutions. By the end of the studio, students become proficient in representing their design intentions and incorporating contextual influences into their architectural proposals.

ARC 232 - Site Planning and Landscape

(3-0-3)

Prerequisite: None

This course provides an introduction to Site Planning and Landscape Design. It gives students their first exposure to essential concepts and techniques for studying and intervening in sites, considering cultural, environmental, and infrastructural factors alongside legal and planning frameworks. Emphasizing site study as the cornerstone for any intervention, the course introduces various analytical approaches and their practical applications. Key topics include basic Landscape Design concepts, landscape and environmental planning principles, topography and earth modeling, landscape planting techniques, circulation planning, environmental impact assessment, and landscape graphics. Designed to complement ARC-202 'Design and Context,' it equips students with the tools to address site constraints and opportunities effectively.

ARC 243 - Construction and Design Integration 1

(2-2-3)

Prerequisite: DES 102

This course introduces the technical foundations essential to architecture and interior design, focusing on construction systems and material properties. Students gain critical knowledge of structural and load-bearing systems, foundations, and construction methods, including masonry, concrete, steel, and wood. Emphasis is placed on evaluating materials, detailing basic components, and integrating construction feasibility and sustainability into design solutions. DES-243 provides a foundation for advanced courses like ARC-244 and complements concurrent design studio projects by linking material selection to design development. Delivery methods include lectures, site visits, and practical exercises, culminating in assignments that emphasize real-world application.

ARC 244 - Construction and Design Integration 2

(2-2-3)

Prerequisite: ARC 243

ARC 244 builds on the technical foundation of ARC-243, enhancing students' understanding of building systems, materials, and sustainable design. The course focuses on integrating components within systems and provides detailed knowledge in areas such as: Masonry, concrete, steel, and wood systems. Windows, doors, flooring, ceilings, and partitions. Stairs, escalators, elevators, and façade systems. Roofs (flat and inclined) and finishes (stone, ceramics, wood, stucco, paints). Through lectures, site visits, and assignments, students explore construction techniques, material research, and detailing. This prepares them to address construction challenges in design studios and provides a foundation for further studies in DES-341 and concurrent courses like ARC-262. The course equips students with informed architectural design decision-making skills by integrating theory with practical insights.

ARC 301 - Studio 5 - Design and the Environment

(3-6-6)

Prerequisite: DES 223 & ARC 202

ARC 301 studio advances architectural design by exploring the dynamic relationship between nature, culture, technology, and ecology in the built environment. The studio emphasizes how environmental factors shape architectural form, function, construction, and context. Students tackle large-scale, specialized design challenges, refining design briefs and developing proposals through advanced pre-design activities. The studio focuses on integrating natural, cultural, social, ecological, and technological considerations into the design, fostering solutions that respond to specific environmental and cultural contexts like the one of the UAE. Through design explorations and detailed development stages, ARC-301 prepares students to address contemporary architectural issues with a deeper understanding of environmental integration and design innovation on a local and global scale.

ARC 302 - Studio 6 - Home and the City

(3-6-6)

Prerequisite: ARC 301, ARC 311, & ARC 312

The course ARC-302 represents a culmination of specialized studio education focused on the technical intricacies of architectural design in housing. It guides students to analyze housing as a lens for understanding insights from prior studios and explores how community-centered, culture-driven urban design approaches shape urban living experiences. The studio aims to enrich design thinking by addressing urban housing issues through three objectives: 1. Cultivating an awareness of the unique aspects of housing within an urban context. 2. Deepening understanding of housing challenges, design methodologies, and the iterative design process while exploring the relationship between housing developments and their surroundings. 3. Strengthening skills in developing housing pre-design briefs and conceptualizing solutions for complex housing issues. It begins with housing theories applied to a design project, progressing through pre-design, schematic design, and design development phases, each focusing on distinct skills, including observation, evaluation, and professional communication, guiding students to achieve complex design outcomes.

ARC 311 - Building Information Modeling

(2-2-3)

Prerequisite: DES 214

This course offers a thorough exploration of Building Information Modeling (BIM) authoring tools, integrating theoretical knowledge with hands-on applications. Students will understand the key concepts of BIM and the methodologies for its effective use in design practices, covering the entire building lifecycle, from conceptualization to construction and operation. Students will access various BIM tools, enabling them to create immersive 3D architectural models and detailed working drawings. The curriculum includes a broad range of creation tools and advanced features, allowing students to develop their BIM technology skills. This course builds on the introductory course DES-214, which covered CAD 2D and 3D platforms and focuses on the emerging standard of BIM. Students will learn to visualize buildings as comprehensive digital 3D models with extensive metadata, equipping them for the evolving landscape of architectural design practices.

ARC 312 - Structures for Architecture

(3-0-3)

Prerequisite: MTH 112, SCI 220 & ARC 244

ARC 312 - Structures for Architecture prepares the student to understand principles, perform analysis, and develop strategies, to integrate structures in the architectural design process. The course offers students their first comprehensive examination of the structural aspects within architecture, and the understanding of structural analysis and performance in buildings, highlighting the diverse systems utilized. It guides students in seeing structures as integral to architecture, understanding the mechanical aspects of structures as well as their relationship with space, form, and design.

ARC 322 - Research and Design Applications

(3-0-3)

Prerequisite: LNG 173 & ARC 202

ARC 322 aims to foster inquiry and research skills essential for architects in tackling design challenges through a critical and speculative perspective. The Course emphasizes the relationship between research and design, showcasing research's role in architectural innovation. It seeks to enhance students' understanding of how human culture is expressed in spatial arrangements and encourages the exploration of new spatial concepts for various activities. Students are introduced to diverse research methodologies,

including quantitative and qualitative approaches and literature reviews. They are encouraged to engage with the techniques and tools of each method, integrating them with design thinking while considering ethical aspects. Refining broad design themes into specific research questions with clear objectives, the Course equips students with the research competencies necessary for application in design studios and other academic purposes.

ARC 341 - Environmental Systems and Design Integration

(2-2-3)

Prerequisite: ARC 202 & ARC 232

The course ARC-341 aims to enhance students' understanding of climate and its critical role in sustainable built environments. It focuses on passive design principles, human comfort, and integrating environmental systems, empowering students to create responsive living spaces. Key topics include ventilation, daylighting, solar energy utilization, thermal envelopes, energy efficiency, and conservation. The curriculum also examines building systems—mechanical, electrical, lighting, transportation, and water and sewage—and their integration with natural systems to minimize energy consumption. This course informs sustainability-related decision-making in the concurrent design studio ARC 301 and future semesters. Instructional methods include structured lectures, site visits, practical exercises, and digital simulation tools, facilitating learning and applying concepts from human comfort to integrating various design strategies and systems.

ARC 401 - Studio 7 - Urban Design

(3-6-6)

Prerequisite: ARC 302 & ARC 322

This design studio introduces urban development design within the architectural curriculum. It explores the complexities of city planning and design as reflections of culture in both natural and built environments. Supported by the course ARC-434, "Planning & Urban Design," it lays the groundwork for future studios and projects by connecting specific development needs with broader urban considerations. ARC-401 progresses through an urban development project in UAE, starting with investigations into urban hierarchies and culminating in a detailed master plan. The studio emphasizes designing urban blocks, public spaces, and systems. This course prepares students for deeper explorations of contemporary urban development by raising awareness of urban development's impact on design, enhancing understanding of the research-driven planning process, developing skills for analyzing urban contexts and user needs, and refining abilities to present comprehensive urban development strategies.

ARC 402 - Studio 8 - Integrated Design 1

(3-6-6)

Prerequisite: ARC 311 & ARC 401

Integrated Design Studio takes a holistic and practice-oriented approach to architecture. The course challenges students to integrate all design parameters and constraints into their decision-making, supported by classes like "Professional Practice & Project Management" and "Building Code." It is the culmination of the studio sequence, applying design thinking to large-scale architectural challenges. Students enhance their understanding of how natural and social contexts interact with building technology, advancing their knowledge of the integrated design process across various stages of development. The focus is refining design briefs and developing detailed proposals incorporating holistic systems. Drawing upon knowledge from previous courses in structural design and environmental systems, students engage in projects that analyze pre-design problems, schematic design, and detailed construction documents. The final submission necessitates an integrated approach, addressing spatial planning, internal circulation, structural systems, lighting, environmental systems, and compliance with building codes and regulations.

ARC 410 - Urban Studies Seminar

(3-0-3)

Prerequisite: ARC 434

This course offers students an advanced understanding of the theory and practice of urban design, aiming to deepen knowledge of traditional, contemporary, and emerging theories in planning and urban design while developing skills for analyzing their impacts on urban form. The primary objectives are to enhance the understanding of theoretical approaches related to the social and spatial dimensions of built environments and to advance analytical skills for a better understanding of the relationship between social needs and urban

patterns. Supporting advanced studio courses and the graduation project, the course builds on previously acquired concepts and introduces a theoretical framework addressing the perceptual, social, functional, and temporal aspects of urban design. Practical assignments will explore urban contexts, concepts, issues, values, and emerging theories, with delivery methods including lectures, site visits, seminars, and presentations.

ARC 420 - Revitalizing Public Spaces via Small-scale Installations (2-2-3)
Prerequisite: ARC 302 or IND 302

DES-420 offers students an opportunity to enhance their design thinking in landscape architecture. The course develops a comprehensive understanding of the field, including its terminology and structure, while equipping students with the skills to analyze and propose design solutions for specific challenges. Key topics cover grading and drainage, site preparation, budget estimates, and construction documentation. Building on ARC-311, which focuses on landscape theory and initial design strategies, this course prepares students for a multidisciplinary work environment through advanced design studios and internships. Progression is achieved by emulating the design process, transitioning from fundamental principles to detailed design and project management. To facilitate learning, the course includes lectures and short research projects, allowing students to explore, discuss, and present various themes as assignments, ultimately fostering their ability to analyze and propose both conceptual and detailed landscape solutions.

ARC 434 - Planning and Urban Design (3-0-3)
Prerequisite: ARC 302

ARC 434 provides students with essential insights into Planning and Urban Design within the architectural context. The course enhances understanding of key principles through local and international cases study analysis and short projects, focusing on the complex nature of planning and urban design, including the historical evolution of cities and their social implications. The Course studies the development of master plans and planning processes, addressing issues like social justice and citizen participation. It also explores different theoretical frameworks and their impact on urban environments, emphasizing the UAE as a particular case. Serving as a theoretical foundation for the Urban Design Studio and Graduation project, ARC-434 equips students with crucial knowledge about architecture's relationship with its urban context.

ARC 435 - Vernacular Architecture and Conservation (3-0-3)
Prerequisite: DES 223

The course provides students with a thorough understanding of architectural conservation principles, focusing on vernacular architecture. Key topics include local conservation organizations, international conservation guidelines, and relevant terminology. Students investigate material, technical, and structural aspects of architectural conservation and standards for conservation drawings. The course features two main projects: hands-on implementation of conservation methods and evaluation of local vernacular architecture projects that address societal needs and cultural traditions. Through workshops, lectures, site visits, and discussions, students will explore local and international conservation practices, fostering a deeper appreciation of the complexities of preserving architectural heritage.

ARC 440 - Building Code for Architecture (2-2-3)
Prerequisite: DES 361 & ARC 302

ARC 440 provides students with an understanding of the legal framework governing architecture, focusing on compliance with Building Codes. The course emphasizes three key aspects: awareness of the impact of Building Codes on architectural design, viewing constraints from Building Codes as opportunities for innovative solutions, and understanding international and local Building Codes related to safety, health, and egress. Students develop skills in interpreting code requirements, assessing building compliance, and integrating specifications into designs. Building on foundational knowledge in design, structures, and construction, ARC-440 introduces skills in creating detailed drawings with code-based specifications essential for future studios. The course supports assessing occupancy requirements for the concurrent integrated design studio. It covers regulatory contexts and details of the UAE, International, and Canadian Building

Codes, such as Occupancy Types and Egress Requirements. Through lectures and practical applications, it culminates in a comprehensive analysis of buildings for compliance.

ARC 450 - Professional Practice and Project Management for Architecture

(3-0-3)

Prerequisite: ARC 302

This course immerses students in the professional practice of architecture, aligning with the Canadian Handbook of Practice for Architects. It explores key aspects of the profession, including ethics, project management, client-consultant agreements, and construction contracts. Students gain an understanding of the architect's role, from conceptual design to project delivery, and develop skills in scheduling, cost estimation, and contract administration. By integrating industry-standard processes with management strategies, the course bridges the gap between theoretical design education and practical architectural practice, preparing students for real-world professional challenges.

ARC 501 - Studio 9 - Integrated Design 2

(3-6-6)

Prerequisite: ARC 402

This studio provides a platform for students to enhance their design skills, focusing on professional practice and systems integration. The course addresses complex projects, allowing students to explore and implement their design concepts while preparing for their senior project. Emphasizing large-scale design challenges, the studio covers new construction and retrofitting of complex building types such as high-rises, mixed-use developments, transportation facilities, and production buildings. Students can tackle broader societal issues and intricate design problems by linking design skills with knowledge of building typologies. The studio incorporates theoretical investigations and design experiments exploring various aspects, including Considering building types concerning evolving societal needs. Development of design objectives informed by the building's features. Integration of building systems and their impact on design. Incorporation of sustainability throughout the design process. Adherence to codes and Universal Design standards, guiding design decisions.

ARC 502 - Studio 10 - Senior Project

(3-6-6)

Prerequisite: DES 400, ARC 435, ARC 510, & ARC 511

ARC 502 represents a crucial stage in a student's educational journey, serving as a bridge to professional practice. This course strongly emphasizes form-finding explorations and spatial arrangements for complex buildings. Students are required to complete design briefs that document their design intentions while considering essential sustainability parameters. A significant focus is placed on understanding building codes, regulations, and the integration of building systems. Moreover, the course addresses the management of the design process and professional delivery, equipping students with the skills needed to navigate real-world projects. Throughout the course, students will engage in various submissions, including concept design, preliminary design, schematic design, design development, technical documentation, and final design. Each stage of this process highlights the critical relationship between overarching design intent and its detailed execution. By engaging in this iterative process, students can refine their design skills, gaining valuable insights and practical experience. Ultimately, this course prepares students for a successful transition into professional practice, enabling them to approach complex architectural challenges with confidence and creativity.

ARC 510 - Research and Design Explorations

(3-0-3)

Prerequisite: ARC 322 & ARC 440

ARC 510 advances students' research and program development skills, preparing them for their Senior Project. The course strengthens theoretical foundations and emphasizes research's critical role in professional practice and design processes. Structured around five areas, it focuses on: expanding contextual and theoretical knowledge, conducting literature reviews on historical and contemporary approaches, documenting site-specific data, developing detailed briefing documents, and establishing a systematic pre-design research framework. Building on ARC-322, the course integrates lectures, presentations, fieldwork,

individual research, and briefing sessions. This comprehensive approach equips students with essential insights and tools to address the challenges of their Senior Project and future professional practice.

ARC 511 - Construction Economics

(3-0-3)

Prerequisite: ARC 322 & ARC 440

Construction Economics equips students with essential skills to navigate the financial aspects of architectural practice. The course enhances conceptual understanding and practical abilities in managing building costs and creating financial projections. It invites the students to the main objectives are as follows analyze the financial aspects of the building procurement process. To evaluate cost estimation techniques during different construction stages, considering budget constraints. 3. To apply financial assessments to design decisions in projects and studios. 4. To develop cost plans that align design objectives with financial limitations. This course builds on foundational knowledge from structure, working drawings, building construction, and environmental systems. It introduces the importance of cost considerations in design, particularly for the final senior project. Integrated with the Design Studio, it helps students understand how costs impact design development. The course begins with an overview, stressing financial planning and forecasting, and then delves into cost planning throughout various stages of building development. Through lectures and practical applications, students gain hands-on experience that reinforces the theoretical concepts presented.

BAI 101 – AI and Modern Life

(3-0-3)

Prerequisite: None

This course introduces students to the fundamental concepts of Artificial Intelligence (AI), including its history, key technologies, capabilities, and limitations. Students will explore how AI systems operate, the ethical considerations surrounding AI, and its applications across different industries. By the end of the course, students will be able to critically assess the impact of AI on society and the future of work.

BAI 201 - Introduction to Artificial Intelligence

(2-2-3)

Prerequisite: BCS 101 & MTH 112

This course provides an introduction to the fundamental concepts, techniques, and applications of Artificial Intelligence (AI). Topics covered include problem-solving, knowledge representation, search strategies, machine learning, neural networks, and ethical considerations in AI. The course will also feature hands-on programming assignments using Python and relevant AI frameworks.

BAI 202 - Data Engineering

(3-0-3)

Prerequisite: BCS 202 & MTH 130

This course provides a comprehensive introduction to data engineering, covering essential tools and concepts for building scalable and efficient data pipelines. Students will learn about data engineering roles, file handling, and working with SQL and NoSQL databases using Python. The course explores data pipeline development with Apache NiFi and Apache Airflow, data transformation and validation with pandas and Great Expectations, and monitoring techniques. Advanced topics include deploying production pipelines, version control with the NiFi Registry, and real-time data processing with Apache Kafka and Spark. Through hands-on projects, students will integrate APIs, Elasticsearch, and Kibana to build end-to-end data solutions.

BAI 204 - AI Project Management

(3-0-3)

Prerequisite: BAI 201

This course provides an in-depth exploration of Artificial Intelligence (AI) project management principles. Throughout the semester, students will gain practical knowledge on identifying AI opportunities, assessing project feasibility, and managing risks associated with AI initiatives. Key topics include AI project management phases, data preparation strategies, model development, AI ethics and governance, and deployment strategies. Students will also explore real-world case studies, allowing them to analyze successful AI implementations and understand the challenges faced during execution.

BAI 301 - Introduction to Machine Learning

(2-2-3)

Prerequisite: BAI 201 & MTH 130

This course provides a comprehensive introduction to the fundamental concepts, techniques, and applications of machine learning. Students will explore supervised and unsupervised learning methods, including decision trees, clustering, dimensionality reduction, and kernel machines. The course covers probabilistic models such as Bayesian Decision Theory and Hidden Markov Models, as well as optimization techniques used in stochastic methods. Students will also gain hands-on experience with neural networks, ensemble learning, and reinforcement learning to solve real-world problems. By the end of the course, students will develop the skills to design, implement, and evaluate machine learning models across diverse domains.

BAI 302 - Generative AI

(2-2-3)

Prerequisite: BAI 201

This course provides an in-depth introduction to Generative AI, covering foundational concepts, theoretical aspects, and practical implementations. Students will explore various generative models, including Variational Autoencoders (VAEs), Generative Adversarial Networks (GANs), Transformer-based models, and diffusion models. The course also examines ethical considerations, real-world applications, and emerging trends in generative AI.

BAI 304 - Deep Neural Networks

(2-2-3)

Prerequisite: BAI 201 & MTH 114

This course provides an in-depth exploration of perceptron, shallow neural networks and then deep neural networks. The course covers fundamental concepts, advanced architectures, and optimization techniques. Topics include feedforward networks, convolutional and recurrent neural networks, generative models, attention mechanisms, transfer learning, and ethical considerations in AI. Students will engage in hands-on projects to design, implement, and evaluate deep learning models in various real-world domains.

BAI 306 - Introduction to Computer Vision

(2-2-3)

Prerequisite: BCS 202, MTH 114 & BAI 301 or ENG 317

This course provides a comprehensive curriculum in computer vision, guiding learners from foundational concepts to advanced methodologies. It progresses to color processing and classical approaches such as wavelet transforms, morphological operations, and segmentation, beginning with image fundamentals-including filtering techniques in spatial and frequency domains. The program then bridges into machine learning with hands-on exploration of feature extraction and pattern classification techniques. Later modules delve into modern deep learning architectures: convolutional neural networks (CNNs) for object recognition and vision transformers (ViTs) for cutting-edge applications. The course empowers students to solve real-world challenges in image analysis, restoration, and AI-powered visual systems by integrating theoretical principles with practical implementation.

BAI 308 - Introduction to Natural Language Processing

(2-2-3)

Prerequisite: BCS 242 & BAI 301

This course provides an introduction to Natural Language Processing (NLP), covering fundamental concepts in morphological analysis, syntactic parsing, semantic analysis, and discourse processing. Students will learn both rule-based and statistical approaches to NLP, applying machine learning and deep learning models to real-world language processing tasks. Hands-on projects will enable students to implement and evaluate text classification, machine translation, question answering, and other NLP applications.

BAI 401 - Artificial Intelligence on the Cloud

(3-0-3)

Prerequisite: BCS 303, BCS 332 & BAI 301

This course provides a comprehensive introduction to deploying artificial intelligence (AI) and machine learning (ML) solutions in cloud environments. Students will explore fundamental cloud computing concepts, infrastructure, and architectures before delving into AI-specific applications. The course covers key aspects

of enterprise AI transformation, data processing, and feature engineering in the cloud, guiding students through the selection, training, and tuning of AI/ML models.

BAI 402 - Reinforcement Learning

(3-0-3)

Prerequisite: BAI 301

This course provides an in-depth exploration of Reinforcement Learning (RL), a subfield of Artificial Intelligence (AI) focused on sequential decision-making under uncertainty. Students will learn fundamental RL concepts, including agents, environments, rewards, policies, and value functions. The course covers classical RL techniques, such as Dynamic Programming, Monte Carlo methods, and Temporal-Difference (TD) learning, before advancing to function approximation and deep reinforcement learning using Deep Q-Networks (DQN), Policy Gradient methods, and actor-critic approaches.

BAI 403 - Agentic Artificial Intelligence

(3-0-3)

Prerequisite: BAI 201 & BCS 324

This course introduces students to the principles, architectures, and practices of Agentic AI systems—autonomous agents capable of reasoning, planning, decision-making, and acting with minimal human intervention. Emphasising practical implementation, students will explore goal-oriented behaviour, multi-agent collaboration, memory systems, and tool integration. Through hands-on projects and frameworks like LangGraph and AutoGen, learners will design and build intelligent agents that can adapt, collaborate, and perform complex tasks autonomously in real-world environments.

BAI 404 - Conversational AI and Dialogue Systems

(2-2-3)

Prerequisite: BAI 308

This course explores the theoretical and practical aspects of Conversational AI and Dialogue Systems. Students will study techniques for natural language understanding (NLU), dialogue management, and natural language generation (NLG). The course will cover rule-based, statistical, and deep learning-based approaches to designing conversational agents, including chatbots and virtual assistants. Hands-on projects will enable students to implement and evaluate task-oriented and open-domain dialogue systems.

BAI 411 - Speech Recognition and Synthesis

(3-0-3)

Prerequisite: BAI 308

This course introduces students to the fundamentals of speech processing, speech recognition, and speech synthesis. Topics include acoustic phonetics, feature extraction, machine learning algorithms, deep learning for speech, and text-to-speech (TTS) systems. Students will gain hands-on experience through projects and assignments utilizing modern speech processing tools.

BAI 412 - Sentiment Analysis and Text Mining

(3-0-3)

Prerequisite: BAI 308

This course provides an in-depth exploration of sentiment analysis and text mining techniques, focusing on their theoretical foundations, practical applications, and ethical considerations. Students will learn how to preprocess textual data, extract meaningful features, and apply both traditional and deep learning models to classify sentiment in various contexts, such as social media, product reviews, and finance.

BAI 413 - Multilingual Natural Language Processing

(2-2-3)

Prerequisite: BAI 308

This course introduces core concepts and techniques in Multilingual Natural Language Processing (NLP), including cross-lingual embeddings, multilingual transformers, and machine translation. Students will explore the creation and use of comparable and parallel corpora, bilingual dictionary induction, and fine-tuning multilingual models for tasks like named entity recognition and text classification. The course also examines emerging trends such as zero-shot transfer and multimodal transformers, with an emphasis on ethical considerations in multilingual NLP. Practical labs provide hands-on experience with real-world datasets and tools.

BAI 414 - Deep Learning for Computer Vision

(2-2-3)

Prerequisite: BAI 306

This computer vision course provides a comprehensive journey through modern deep learning techniques using PyTorch, transforming students from novices to skilled practitioners. Through lectures and hands-on labs, students will master neural network architectures, explore advanced image processing techniques, and develop practical skills in object detection, semantic segmentation, and generative models. The curriculum covers fundamental concepts like convolutional neural networks, transfer learning, and model optimization while emphasizing real-world applications in medical imaging, facial recognition, and AI technologies. By combining theoretical foundations with practical implementation, students will learn to design, train, and deploy sophisticated computer vision solutions, gaining expertise in cutting-edge deep learning methodologies and preparing for challenges in artificial intelligence and machine learning industries.

BAI 415 - 3D Vision and Augmented Reality

(3-0-3)

Prerequisite: BAI 306

This course offers an in-depth exploration into the field of immersive technologies, focusing on 3D modeling, virtual reality (VR), and augmented reality (AR). Students will learn about the fundamental concepts and applications of immersive tech, from imaging and data acquisition to the development of interactive VR/AR systems. The course combines theoretical knowledge with practical applications, using modern software tools to create and manipulate 3D environments and explore the perceptual aspects of virtual experiences.

BAI 417 - AI Graduation Project

(6)

Prerequisite: Completed 90 Cr. Hrs.

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.

BAI 480 - Internship in Artificial Intelligence

(3)

Prerequisite: 90 Cr. Hrs. & CGPA ≥ 2.0

This course provides students with the opportunity to gain practical experience in the field of Artificial Intelligence through supervised internship placements in industry, research centers, or AI-focused startups. Students will apply theoretical knowledge acquired during their academic studies to real-world problems, contribute to ongoing projects involving AI applications such as machine learning, data analytics, natural language processing, or computer vision, and reflect on professional practices, technical challenges, and ethical considerations. The internship aims to enhance students' technical proficiency, communication skills, and understanding of workplace dynamics, while fostering critical thinking and adaptability in AI-driven environments.

BCS 101 - Elements of Computing

(2-2-3)

Prerequisite: None

This course provides an introduction to algorithms: their definition, design, coding, and execution on computers. Students will learn the syntax and semantics of programming language including variables, data types, expressions, and assignment; program flow of control; conditions; and loops. Students are provided with a thorough conceptual grounding in computational problem solving before introducing them to specific programming language syntax, giving them the background to become successful programmers in any language. Intended for students who have no programming experience.

BCS 102 - Introduction to Computing Science I

(2-2-3)

Prerequisite: BCS 101

Introduction to numbering systems and representation, design and analysis of algorithms. Control structure such as recursion. Data structures: structures, sequences, linked lists and references. Elementary searching

and sorting. Introduction to assertions and loop invariants. Introduction to numerical computation. Documentation, testing and debugging.

BCS 201 - Logic for Computing Science

(3-0-3)

Prerequisite: MTH 120

Elements of mathematical logic with computing applications. Formal proof systems for propositional and predicate logic. Interpretations, and satisfiability. Introduction to soundness, completeness and decidability.

BCS 202 - Introduction to Computing Science II

(2-2-3)

Prerequisite: BCS 102

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.

BCS 203 - Software Specifications

(3-0-3)

Prerequisite: BCS 201 & BCS 202

This course covers the different popular techniques used for specifying the behavior of software, with applications of these techniques to design, verification and construction of software. The topics in this course cover the Halting problem, Church-Turing thesis, context-free languages, and logic-based techniques such as loop invariants and class invariants. Students will acquire knowledge about computability issues in software specifications, automata, grammar-based techniques, with applications to scanners, parsers, user-interface dialogs and embedded systems. The course is designed to familiarize students with the foundations and principles of computer science and to strengthen the students ability to carry out formal and rigorous mathematical arguments as well as using state diagrams.

BCS 221 - Communication Networks

(2-2-3)

Prerequisite: BCS 102

Fundamental concepts in the design and implementation of computer communication networks, protocols, and applications. Overview of network architectures; applications; network programming interfaces (e.g., sockets); transport; congestion; routing and data link protocols; addressing; local area networks; wireless networks; mobility management.

BCS 242 - Information Structures

(3-0-3)

Prerequisite: BCS 202

Design and implementation of advanced data structures, related algorithms, and their applications. Efficient implementation of lists, sets, dictionaries, priority queues, trees, graphs, and networks using linked lists, hash tables, heaps, and hierarchical linked structures. String and graph problems, such as string matching and shortest path, are covered.

BCS 303 - Security Principles and Practices

(3-2-4)

Prerequisite: BCS 221

This course introduces the fundamental principles of information security, including security policies, models, and mechanisms, while enabling students to identify and analyze security threats and vulnerabilities in networks and client-side applications. It covers authentication methods and essential cryptographic concepts for securing systems and data, along with the evaluation of threats across software, web applications, databases, and network environments. The course also addresses operating system security, privacy principles, and cloud computing security practices, equipping students to recommend appropriate security measures and understand the broader societal and organizational implications of cybersecurity.

BCS 304 - Data Mining

(3-0-3)

Prerequisite: BCS 202, MTH 130, MTH 114, & MTH 203

Fundamentals of data processing and mining; Understanding the attributes of data, pattern mining, supervised and unsupervised learning, neural networks, support-vector machines, decision trees, metric-based clustering, data warehousing, classification, distribution-based clustering, rule-based techniques, clustering graphs, clustering high-dimensional data.

BCS 307 - Digital Systems

(3-2-4)

Prerequisite: ENG 210

This course introduces the principles of digital systems and covers both traditional and modern methods of applying digital design and development techniques. Topics includes: Logic gates, combinational circuits, logic simplification, sequential circuits, hardware description languages (HDL), HDL-based digital design, VHDL hardware description language, combinational and sequential logic design practices, state machine design and synthesis, register-level design, FPGA implementation.

BCS 311 - Scientific Computing

(2-2-3)

Prerequisite: BCS 102 & MTH 114

This course is designed to help students obtain numerical solutions to problems in engineering and science. The course introduces MATLAB as an interactive computing system and as a programming language. Students will then progress to the core techniques of numerical methods and use them to solve otherwise unsolvable problems of modern technological significance. Topics covered by this course are; Basic Root-finding procedure; fixed-point iteration; bisection; newton's method; roots of polynomials; solving systems of equations; least-squares fitting of a curve to data and numerical solutions of ordinary differential equations.

BCS 312 - Operating Systems

(3-2-4)

Prerequisite: ENG 240

Evolution of computer systems: batch processing, multiprogramming, multi-processing, real-time, time-sharing, distributive systems; Process allocation; Process communication and synchronization; Deadlock management and handling; Memory management; Virtual memory systems; Resource allocation algorithms; File system implementation.

BCS 313 - Artificial Intelligence

(2-2-3)

Prerequisite: MTH 130 & BCS 202

This course provides a solid foundation in Artificial Intelligence, covering search algorithms, machine learning, neural networks, fuzzy logic, and hybrid intelligent systems. Students will learn to design and implement AI-driven solutions for complex engineering problems. Emphasis is placed on real-world applications in robotics, healthcare, and autonomous systems. The course also explores ethical considerations and future trends in AI. By the end, students will acquire practical skills and critical understanding to build intelligent, adaptive systems.

BCS 314 - Programming Paradigms and Techniques

(2-2-3)

Prerequisite: BCS 201 & BCS 202

This course introduces major programming paradigms, including functional, logic, object-oriented, and event-driven programming, and equips students to evaluate modern programming languages. It covers key concepts in language design and implementation such as syntax and semantics, scoping, type systems, data abstraction, concurrency, and exception handling. Students are exposed to modern topics including parallel and distributed programming, asynchronous programming, metaprogramming, and multi-paradigm features, with examples from languages such as LISP, Haskell, and JavaScript. The course also explores runtime behavior, synchronization, and contemporary programming constructs used in modern software systems.

BCS 322 - Database Management Systems

(2-2-3)

Prerequisite: BCS 202

Data models: relational, entity-relationship, NoSQL document model. Relational query languages: relational algebra and SQL. NoSQL query languages: MongoDB. Relational database design and normalization. Storage, indexing, and security. Application interfaces, including JDBC.

BCS 323 - System-Level Programming

(2-2-3)

Prerequisite: BCS 102

The course introduces students to system-level programming concepts using Unix/Linux environments. It covers Linux command-line tools, shell scripting, and system-level programming using the C language. The course also emphasizes inter-process communication, memory management, and the use of professional software development tools such as make, debuggers, and version control systems. Hands-on labs and a mini-project reinforce practical skills essential for system software development.

BCS 324 - Algorithms I

(3-0-3)

Prerequisite: BCS 242 & BSC 201 or BAI 201

This course introduces the principles of design, analysis, and implementation of efficient algorithms. Coverage includes growth of functions theory and the Divide and Conquer paradigm and explores some different types of algorithms such as Sorting, Tree and graph algorithms. Then, it covers the Dynamic Programming and Greedy Paradigms. It follows by an overview of algorithm complexity and NP-Completeness. In addition, the course gives an exposure to Computational Geometry and String-Matching algorithms.

BCS 325 - Software Architecture

(3-0-3)

Prerequisite: BCS 242

This course covers information system concepts and the system development process. Coverage includes Structured systems analysis and design methodologies, functional decomposition, data flow diagram approach (DFD), and information modeling. The course emphasizes the development phase of analysis, the application of structured methods, and the use of tools. Students will learn how to evaluate the quality of a new system, and they will explore object-oriented analysis and design (OOA & OOD) models using industry standard UML techniques. Students will also learn how to use abstractions and patterns of interactions and relationships among modules, design recovery, and testing.

BCS 326 - Embedded Systems

(3-2-4)

Prerequisite: ENG 240

This course provides an in-depth study of embedded systems with a focus on hardware–software co-design and constraint-driven development. It covers microcontroller architecture, instruction sets, memory organization, and embedded programming, along with interfacing techniques for peripherals, analog and digital components, and communication protocols such as UART, SPI, and I2C. Students will design, implement, and optimize embedded systems while considering practical constraints including performance, power consumption, cost, and size. The course also introduces hardware prototyping using microcontroller and FPGA platforms, supported by hands-on laboratory work and a project that emphasizes system integration, testing, and real-world application development in areas such as IoT and smart systems.

BCS 332 - Operating Systems Fundamentals

(3-2-4)

Prerequisite: BCS 242

Evolution of computer systems: batch processing, multiprogramming, multi-processing, real-time, time-sharing, distributive systems; Process allocation; Process communication and synchronization; Deadlock management and handling; Memory management; Virtual memory systems; Resource allocation algorithms; File system implementation.

BCS 380 - Internship in Computer Science

(3 Credits)

Prerequisite: 90 Credits & CGPA ≥ 2.0

The course helps to provide students with opportunities to gain work experience in a real-world

environment, practice critical thinking, solve real problems, and develop design and innovation skills by interacting with professionals on real work-related issues and devices, systems, or software. The student learns how to tackle real-world tasks, manage their duties, identify objectives, respect constraints, explore new ideas, investigate practical issues, design new elements (device, system, software), and make decisions.

BCS 400 - Network Operating Systems (2-2-3)

Prerequisite: BCS 301

Characteristics of the Linux and Windows network operating systems; installation procedures; Security issues; Back up procedures and remote access; Directories and naming systems; Dynamic Host Configuration Protocol (DHCP); Active Directory; Manage accounts and client connectivity; HTTP and FTP server.

BCS 401 - Ethics for Computing Professionals (3-0-3)

Prerequisite: None

This course covers the topics of ethics for computing and IT professionals, users and organizations. To fully assume responsibilities towards society the computing professional should consider social implications impacts of technologies. Topics include rights and responsibilities of IT professional, professionalism and codes of ethics, ethics for computing workers and IT users, Understanding issues and laws related to privacy and ethical concerns, analyzing IT security incidents, ethics related to intellectual property, software development and social media.

BCS 402 - Computability and Complexity (3-0-3)

Prerequisite: BCS 203 & BCS 309

This course is an introduction to models of computation, computability, and complexity. The course introduces important concepts from Computability and Complexity theory. Topics covered: theoretical limits of algorithmic computation, Finite automata and regular languages, Turing machines, Resource bounded complexity, Relationships between complexity classes, Savitch's theorem and Rice's theorem.

BCS 404 - Web Systems Design and Development (2-2-3)

Prerequisite: BCS 322

This course provides a comprehensive introduction to building modern web applications. Students will explore the fundamentals of web development, including HTML, CSS, and JavaScript, along with advanced topics such as DOM manipulation, responsive design, and asynchronous programming. Students will be introduced to modern frameworks and tech stacks that help build full-stack apps using RESTful APIs, database integration, and deployment strategies, equipping students with the skills to design, develop, and deploy full-stack web applications.

BCS 406 - Computer Graphics (3-0-3)

Prerequisite: MTH 114 & BCS 242

This course introduces the fundamental principles of computer graphics, including the creation and display of geometric models, mathematical transformations, and camera modeling. Students will explore standard models for representing light, color, and surface reflectance, as well as the limitations of these models. The course also covers the design and implementation of basic graphics applications, with emphasis on user interface considerations, performance trade-offs, and system efficiency. Practical topics may include simple animation techniques and the development of basic rendering methods such as ray tracing.

BCS 408 - Games Design (2-2-3)

Prerequisite: BCS 202 & BCS 242

This course provides a comprehensive introduction to the principles, methodologies, tools, and practical techniques used in digital game design and development. It covers the complete game development lifecycle, including concept generation, gameplay mechanics, storytelling, user interaction, prototyping, implementation, testing, and evaluation. Students will apply structured development processes and creative design techniques to design and develop digital games while exploring the role of visual, interactive, and

narrative elements in creating engaging player experiences through both theoretical and hands-on lab activities. The course also introduces early-stage game evaluation through paper prototyping, digital prototyping, playtesting, and iterative testing methodologies to assess gameplay functionality, usability, and player engagement. In addition, students will critically analyze game design elements, player engagement strategies, gamification concepts, and user experience considerations, while examining ethical and societal issues related to digital games, including game addiction, violence, inclusivity, and responsible game design practices.

BCS 412 - Software Requirements Engineering

(3-0-3)

Prerequisite: BCS 202

This course introduces an integrated approach to discovering, analyzing, documenting, validating, and managing software requirements in modern development environments. It covers core requirements engineering activities, including elicitation, analysis, specification, validation, prioritization, and traceability. Students explore both traditional and Agile practices, including stakeholder analysis, user stories, backlog management, UML-based modeling, non-functional requirements, Software evolution and traceability, change management, and verification techniques.

BCS 413 - Advanced Database Systems

(3-0-3)

Prerequisite: BCS 322

This course provides a comprehensive exploration of database systems, focusing on the presentation, storage, and management of data in various forms. It delves into the fundamental principles of database implementation, addressing key concerns such as efficiency, scalability, and integration with other areas of computer science. Additionally, the course examines the evolving landscape of big data, analyzing the distinct characteristics and challenges associated with structured, unstructured, and streaming data, and how modern database technologies are designed to handle these complexities.

BCS 417 - Computer Science Graduation Project

(6-0-6)

Prerequisite: Completed 90 Credit Hours

The project is an opportunity for the students to identify and analyze specific problems related to their major of study, design and implement appropriate solutions for them, and interpret and validate test results under the supervision of a faculty member. They are expected to engage in self-learning while, possibly, working as a member of a project team.

BCS 420 - Virtualization and Cloud Computing

(2-2-3)

Prerequisite: BCS 221

This course provides a comprehensive introduction to virtualization and cloud computing technologies, focusing on the fundamental concepts, architectures, and service models that enable modern cloud-based systems. The course covers virtualization technologies, cloud infrastructure, storage systems, and cloud service models including Infrastructure as a Service (IaaS), Platform as a Service (PaaS), Software as a Service (SaaS), and Identity as a Service (IDaaS). Students will explore cloud deployment models, cloud management and administration, security mechanisms, disaster recovery strategies, and the operational differences between traditional IT infrastructures and cloud environments. The course also examines cloud challenges, cost considerations, scalability, and solution selection for organizational needs. Through practical and analytical activities, students will develop the ability to evaluate, compare, and design appropriate cloud computing solutions for real-world applications.

BCS 424 - Algorithms II

(3-0-3)

Prerequisite: BCS 324

This course provides an advanced treatment of algorithm design and analysis, extending beyond foundational techniques to address complex computational problems and modern applications. It explores key paradigms such as dynamic programming, greedy algorithms and matroid theory, as well as advanced topics including sorting networks, fast matrix multiplication, and parallel algorithms. The course further introduces linear programming, polynomial and Fast Fourier Transform (FFT)-based methods, and number-

theoretic algorithms with emphasis on cryptographic applications. Additional areas of study include string matching, computational geometry, and approximation algorithms, with a focus on developing efficient, scalable, and analytically sound solutions to real-world problems.

BIO 100 - Unifying Life Processes

(3-0-3)

Prerequisite: None

The unity underlying all life forms is explored through examination of the cell, and the biological chemicals, structures, and processes that govern cell organization, metabolism, communication, integration and reproduction. Major topics include respiration and photosynthesis; regulation of the cell cycle; features of multicellularity; DNA structure, function, and repair; gene expression and regulation; mitosis and meiosis; patterns of inheritance; microbial genetics.

BIO 102 – Biology I

(2-2-3)

Prerequisite: None

This course introduces the students to the basic knowledge of the human body with emphasis on understanding human biological mechanisms and processes, the human body's structure, and functional organization. Interactive lab sessions allow students to better understand the interrelation between the structure and function of the human body. Topics include an introduction to biology, a view of life, cell structure and function, organization of the human body, skeletal system, cell division, genetic inheritance, and aging process.

BIO 202 - Biology II

(2-2-3)

Prerequisite: BIO 102

This course provides a comprehensive and integrated knowledge of the human systems structure and functions through understanding biological mechanisms and processes. Topics include an introduction to the human body, homeostasis, anatomical position, integumentary system, skeletal system, muscular system, nervous system, endocrine system, cardiovascular system, lymphatic and immune system, respiratory system, digestive system, urinary system, and reproductive system.

BSD 310 - Game Design

(3-0-3)

Prerequisite: BCS 202 & BCS 242

An introduction to techniques for designing elementary computer games. Topics will include game development tools and processes, principles of game design, game prototyping and game evaluation.

BSD 311 - Human Computer Interaction

(3-0-3)

Prerequisite: BCS 206

Developing usable software requires that human factors be considered throughout the design and development process. This course introduces a series of techniques for developing and evaluating usable software and shows how these techniques can be integrated into a process for software development.

BSD 312 - Software Quality

(3-0-3)

Prerequisite: BCS 203

This course focuses on software engineering techniques that are relevant to software product engineering. The covered topics include description of software process models, and validation of software throughout the life-cycle. Students will acquire the necessary skills to effectively compare formal methods in defect removal (proofs of correctness), inspection (walkthroughs and reviews), and testing (unit, integration, and system testing; white box versus black box). Students will also learn to evaluate software complexity and implement quality requirements.

BSD 313 - Advanced User Interface Design

(3-0-3)

Prerequisite: BSD 311

This course is designed to introduce students to advanced practices and tools of the User Experience (UX). Students will learn: UX Methods for Agile Development and its drawbacks, Affordances Demystified, Interaction Cycle and the User Action Framework, difficulties in using and interpreting UX design guidelines, connections and differences between software engineering (SE) and UX lifecycles, and applying the UX process within organization.

BSD 402 - Formal Methods

(2-2-3)

Prerequisite: BCS 305

This course covers basics of formal methods with a breadth content useful for the design of software engineering and information security. First, techniques for modeling and formal analysis of computing systems will be presented, considering applications in software, hardware, and security. Coverage will include classical logic, program semantics, rewriting, reactive systems, temporal logic, model checking, and abstraction. The course will explore ways these methods can be used to build reliable software, hardware, and security protocols. Students will practice various tools including theorem proving, Software correctness verification and model checking tools.

BSD 403 - Software Requirements

(3-0-3)

Prerequisite: BCS 305

This course introduces students to an integrated approach to discovering and documenting software requirements. The course provides students with the necessary tools to improve the quality of the requirement elicitation and development process by focusing on the four basic steps in software requirements engineering; elicitation, analysis, specification, and validation. Students will learn some of the best practices and techniques to reduce project risks and improve project quality.

BSD 404 - Algorithms II

(3-0-3)

Prerequisite: BCS 203 & BCS 324

This course addresses advanced topics in algorithms. It builds upon the course BCS-309: Algorithms I to expand the student knowledge with deeper algorithmic skills. Topics include advanced topics in Dynamic Programming and Greedy methods; Sorting Networks, advanced Matrix Operations; advanced Linear Programming: The simplex algorithm, Duality; Polynomials and Efficient implementation the Fast Fourier Transform; Number-Theoretic Algorithms and cryptosystem applications; Advanced String matching and Computational Geometry concepts; Approximation Algorithms.

BSD 417 - Software Design Graduation Project

(6-0-6)

Prerequisite: Completed 90 Credits Hours

BSD 417 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.

BSD 480 - Internship in Software Design

(3 Credits)

Prerequisite: 90 Credits & CGPA $\geq$ 2.0

The course helps to provide students with opportunities to gain work experience in a real-world environment, practice critical thinking, solve real problems, and develop design and innovation skills by interacting with professionals on real work-related issues and devices, systems, or software. The student learns how to tackle real-world tasks, manage their duties, identify objectives, respect constraints, explore new ideas, investigate practical issues, design new elements (device, system, software), and make decisions.

BSM 100 - The New Business: From Idea to Reality

(2-2-3)

Prerequisite: None

This course focuses on the steps necessary for the idea of a visionary to be transformed into a viable business. Topics include idea generation, understanding the market and customer needs, analyzing the competition,

the transition from an informal to a formal organizational structure, financing the business, developing realistic budgets and operating within the political, economic, legal and socio-cultural constraints of the external environment.

BSM 200 - The Growing Business: Breaking Even

(2-2-3)

Prerequisite: BSM 100

This course focuses on the firm as it progresses beyond its start-up phase and embraces a more management-focused orientation. Topics covered include governance structures, leadership, human capital recruitment, development and retention, financial stewardship, essential financial tools for decision-making, operations management, industry analysis, strategy development and execution.

BSM 300 - The Mature Business

(2-2-3)

Prerequisite: BSM 200

This course focuses on the company as it seeks to dominate its markets. Topics include global expansion, tapping into capital markets, initial public offerings, debt financing, financial control, reporting and accountability, encouraging and managing innovation and change, corporate ethics and social responsibility, reputation management, and strategies to thrive in the dynamic external environment.

BUS 310 - Project Management

(3-0-3)

Prerequisite: Completion of 60 Cr. Hrs.

This course provides the student with tools ensuring the maximum of success in his future Engineering & IT related projects. Poorly or wrongly managed projects usually lead to deliverables behind schedule, and/or over budget. In this course, student will learn about the nine project management knowledge areas, namely:

1. Project Integration Management
2. Project Scope Management
3. Project Time Management
4. Project Cost Management
5. Project Quality Management
6. Project Human Resource Management
7. Project Communications Management
8. Project Risk Management
9. Project Procurement Management

BUS 311 - Engineering Economy

(3-0-3)

Prerequisite: MTH 130

This course provides basic engineering economics concepts 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.

CMN 210 - Text, Image and Sound

(3-0-3)

Prerequisite: None

In the contemporary city, we are surrounded by artifacts, such as advertisements, that attempt to persuade us to buy, believe or behave in certain ways. This course provides students with the analytical tools to understand the ways that text, image and sound work together to create persuasive objects. Using concepts from a wide range of theoretical frameworks related to communication, this course focuses on elements of design and shows how to identify the ways that text, image, and sound interact to create persuasive messages.

CMN 211 - Language and Power
(3-0-3)
Prerequisite: CMN 210

Powerful texts such as influential news stories, government policies and legal decisions help shape our lives. Using concepts from critical discourse analysis, this course introduces students to the basic analytical vocabulary and tools to understand ways that powerful texts work. Students will learn to identify the linguistic techniques that characterize the important documents that affect our social worlds. They will have opportunities to respond to these texts.

CMN 269 - Countercultural Communication
(3-0-3)
Prerequisite: CMN 211

This course examines the complex relationships between conventional and countercultural communication practices. Investigating countercultural forms, spaces, and acts such as graffiti, comix, memes, zines, culture jamming, body modification, viral videos, and others, the course will consider how these novel and often subversive communication practices influence and alter conventional forms. Countercultural communication can drive innovation; its original voices, forms, practices and idioms can be adapted and applied to bring new life and power to conventional contexts and forms.

CMN 279 - Introduction to Professional Communication
(3-0-3)
Prerequisite: None

This case-based, interactive course introduces students to contemporary strategies of successful communication in professional contexts. Students learn how to analyze audience, situation, and medium to create messages that respond to practical challenges and build productive relationships. Students develop sensitivity to language and tone, learn to organize and convey ideas and information, and select the best means to accomplish their intended purposes.

CMN 305 - Strategic Public Relations
(3-0-3)
Prerequisite: None

This course examines the principles and application of effective public relations in the context of professional communication. Students will study the history of public relations and its role in society today, as well as the concepts underlying the field and how to employ them in strategic planning, image management, advocacy, and media interaction. Learning will be case-based and include practical exercises and simulation activities.

CMN 313 - Organizational Problem Solving/Report Writing
(3-0-3)
Prerequisite: CMN 210

Organizational Problem Solving and Report Writing focuses on the selection, treatment and solution of a complex problem in an organization, through the development and preparation of a formal, analytical report. Students learn how to identify a problem, define its purpose, customize a message for multiple audiences, create a work plan, apply primary and secondary research methods, and structure an argument logically and persuasively. Students will strengthen their critical thinking skills as they evaluate findings and formulate conclusions and recommendations.

CMN 402 - Theorizing Communication
(3-0-3)
Prerequisite: None

This foundational course introduces students to the main schools of thought that comprise communication theory. Its objectives are to understand the interdisciplinary complexity that constitutes communication studies, to appreciate how theories allow scholars to build a body of knowledge in an organized and synthesized way, and to explore how the theories presented have implications and applications in our own lives as communicators.

CMN 448 - Introduction to Visual Communication
(3-0-3)
Prerequisite: CMN 210

This course introduces students to the study of Visual Communication. Students explore and engage how visual images persuade us to act, think, and feel, and will also learn vocabulary and concepts related to visual

meaning-making. Students will focus on the ways images can be rhetorical and persuasive within professional and social contexts and how visual images manipulate and become manipulated by a surrounding visual culture.

CMN 450 - Participatory Media Communication

(3-0-3)

Prerequisite: None

Students will investigate the critical and technological facets of participatory culture. Individuals with Internet access have the ability to take part in digital conversations on topics ranging from entertainment to politics. Skills in the digital composition of text, image, and audio are developed through the production of podcasts, video, blogs, and other platforms. These compositional and technical skills will be deployed using strategies that move consumers of media to become media producers participating in digital dialogues. Students will also explore ethical aspects of participatory culture.

CMN 470 - Risk and Crisis Communication

(3-0-3)

Prerequisite: RTA 402

All organizations must manage risk and crisis in order to avoid damage or ruin. This course investigates the components of risk and crisis management and the media channels, including social media platforms, available to communicate related messages to an organization's audiences. Using case studies, video clips, and practical applications, students will understand and analyze the process of perceiving, handling, and communicating about risk and crisis and gain experience in these areas through online simulations.

COM 411 - Digital Filter Design

(3-0-3)

Prerequisite: MTH 220

This course provides an introduction to digital signal processing and its applications. Topics include: Discrete time signals and systems, z-transform, Discrete Fourier Transform, Computation of the Discrete Fourier Transform, Structures for discrete time systems, Design of Nonrecursive Filters (FIR), Design of Recursive Filters (IIR), and Multirate signal processing.

CRI 100 - Creative Industries Overview

(3-0-3)

Prerequisite: None

This introductory foundation course defines the subject of Creative Industries (CI) as an area of academic study and surveys the various academic and creative disciplines to be covered over the course of the B.A. program in Creative Industries. The course will focus in particular on how each discipline sees the world and on the sorts of knowledge and interpretations that structure these different perspectives on subjects and issues to be covered. Students will explore the advantages and challenges of interdisciplinary study and begin to develop strategies for benefitting the most from their Creative Industries studies.

CRI 200 - Intellectual Property (IP) Issues in the Digital Age

(3-0-3)

Prerequisite: CRI 100

Intellectual Property laws were developed to protect traditional literary, artistic, dramatic and musical works. This course introduces students to the legal principles underlying IP and explores how digital technology and the Internet have changed the rules, upsetting the traditional balance between content creators and content users and undermining many of the business models of the past. Current issues faced by policy-makers related to content use and the exploitation of IP rights will be investigated in the context of their repercussions for creators and creative enterprises.

CRI 300 - Digital Design Studio

(2-2-3)

Prerequisite: CRI 200

Working effectively in the Creative Industries requires an understanding of media production based on sound principles of digital design. This studio course provides a project-based introduction to developing digital media content for the Web. Using industry-standard software and production practices, student will

design and produce digital content. Taking into account current media ecologies, students will learn the basics of graphic design, interaction design, audio/video production and web authoring.

CRI 301 - The Creative Process

(3-0-3)

Prerequisite: CRI 200

How do creative ideas happen? How can we foster our creativity and the creativity of those around us? What is the nature of creativity in teams and organizations and how can it be facilitated? Utilizing readings drawn from both psychological theories of creativity and management literature on innovation, and exploring the conflicting ideas of creativity theorists such as Abraham Maslow, R.W. Weisberg, Margaret Bodin and Robert Sternberg, this course delves into the dual nature of creativity as both an individualistic process and a product of formal systems of organization, as a synthesis of subconscious thoughts and rational analysis, and as the complex interaction of divergent and convergent thinking. Case studies will illuminate the creative process within the Creative Industries in terms of the relationship of creative individuals to the commercial context in which their ideas are developed and delivered.

CRI 340 - Global Entertainment Marketplace

(3-0-3)

Prerequisite: None

This course empowers the students to think critically about the media and its effects on culture by providing a thorough understanding of how media technologies develop, operate, converge, and affect society. This course furthermore prepares students for encounters in the globally expanding fields of the Internet, interactive media, and traditional media industries through engaging, up-to-date material that covers the essential history, theories, concepts, and technical knowledge needed to thrive. The course provides a comprehensive introduction to today's global media environment and ongoing developments in technology, culture, and critical theory that continue to transform this rapidly evolving industry and affect daily lives around the world.

CRI 350 - Art and Business of Gaming

(3-0-3)

Prerequisite: None

Video games constitute one of the most dynamic and growing segments of the Creative Industries. This course explores the history, aesthetics, and cultural impact of video games while familiarizing students with the production, distribution and marketing processes that have evolved to stimulate this young industry. Issues confronting the video game industry as well as applicable developments in design and technology will be among the topics covered.

CRI 400 - Entrepreneurship in Creative Industries

(2-2-3)

Prerequisite: CRI 200

CRI 400 applies entrepreneurship theory and principles to the practice of entrepreneurship in Creative Industries. Entrepreneurs in Creative Industries drive the creation of new cultural products, firms, and markets, generating new wealth and cultural value. They are visionary change agents who leverage cultural knowledge and talent to produce commercially viable, sustainable and socially desirable cultural products and services. This course will nurture the skills and attitudes of nascent entrepreneurs in the Creative Industries. It will critically review the key characteristics of successful enterprises, entrepreneurs and leaders within the cultural and more commercially focused Creative Industries, it will look at the range of business models that exist, review how best to build a financially sustainable firm, and provide models of entrepreneurial/business support relevant and useful for entrepreneurs in Creative Industries.

CRI 402 - Human Resources in Creative Industries

(3-0-3)

Prerequisite: BSM 300 & CRI 301

This course exposes students to the dynamic and diverse field of human resources management and provides a foundation in theory and practice for areas such as: human resources planning, recruitment and selection, training and development and compensation. Current events, relevant legislation and future

trends are also explored. The course provides students with the fundamentals necessary to effectively manage the human resources function of an organization.

CRI 403 - Creative Industries Research Methodology

(3-0-3)

Prerequisite: CRI 301

This course asks how information about the Creative Industries can be collected and analyzed. It surveys research methods that are both useful within the Creative Industries and crucial to studying them. Information retrieval techniques will be reviewed as well as methods of data collection (audience research; content analysis; critical and textual analysis; surveys; interviews; focus groups etc.). Through practical exercises we will develop the research skills that are required of many careers within the Creative Industries (grant, report and policy brief writing etc.) as well as in advanced graduate degrees.

CRI 404 - Managing Creative Enterprises

(3-0-3)

Prerequisite: CRI 400, CRI 402 & CRI 403

This capstone course builds upon the required B.A. Creative Industries industrial work placement, which must be completed prior to the end of this course. Using the research conducted during their placement, students will undertake a report that analyzes the management systems of their workplace company, assesses its strategic directions, and evaluates its strengths and weaknesses relative to the industrial environment in which it is operating. Course content is designed to facilitate the report by focusing on the organization, operation and strategic planning of creative enterprises and the criteria for appraising their efficacy.

CRI 405 - Studies in Creative Collaboration

(3-0-3)

Prerequisite: CRI 402

The image of the solitary artist has given way to the contemporary reality of creative production in many fields that builds upon multidisciplinary expertise on the part of a diverse team to achieve an end product arising from consensus-building and collaboration at many steps in the process. Applying theories of organizational behavior, this course uses case studies and role-playing techniques to examine and familiarize students with best practices in collaborative creative work.

CRI 406 - Global Licensing/Distribution Agreements

(2-2-3)

Prerequisite: None

Content creators must have the ability to market and exploit their intellectual property internationally. In this practical course, legal issues and key contractual in distribution and licensing of intellectual property matters are examined in international contexts. Various contracts involving the exploitation of creative content will be examined, including license agreements, distribution agreements, asset and share purchases, joint ventures, and the legal rights and remedies which flow from these agreements.

CRI 420 - Media Regulation and Communication Policy

(3-0-3)

Prerequisite: None

This course looks at the institutional and legal structures of media and communication internationally. Drawing on texts and perspectives from important thinkers and analysts such as Lawrence Lessig, Marc Raboy, Peter Grant, and Robert McChesny, we will examine the policy frameworks that shape broadcasting, print, digital and internet, music and more. We will also consider various crosscutting communication policy issues such as copyright, production quotas and subsidies and human rights. Recommended only for students in third or fourth year.

CRI 430 - Canadian Media/Entertainment Industries

(3-0-3)

Prerequisite: None

This course surveys the Canadian media and entertainment marketplace, focusing on its economic, political and cultural dimensions. The domestic production of media and entertainment products and services and their national and global distribution are studied together with the business practices and ancillary personnel

and services that are required to finance, market and manage these enterprises. Related issues such as government regulations, media ownership and international TV and film production will be explored.

CRI 461 - Big Night Project

(0-6-3)

Prerequisite: Completion of 90 Credit Hours

Teams of students propose, budget, finance, market (online and offline) and execute an ambitious event open to the public in the fashion industry. Marketing should take place offline and online, including the use of relevant social media to promote the event appropriately. The proposal create must be related to at least one of the chosen of concentrations. With faculty guidance and mentor support, students work with outside professionals and content creators and additionally to the event provide a substantive report on the event's impact.

CRI 475 - Internship

(3 Credits)

Prerequisite: 90 Credits & CGPA ≥ 2.0

The internship is a pre-professional experience in creative industries, related businesses or academic institutions. It has been established to supplement a balanced academic program, enhance career preparation and improve career readiness. In particular, it is intended to provide students with the opportunity to be creative, to explore, to research, to investigate, and to ultimately make some decisions that may have significant impacts on their future careers.

The major goal of an internship is to provide an experience that will enable the student to apply the knowledge and skills acquired within the BACI program. A second goal is to increase students' experiences and knowledge in the creative industries. The internship must take place in a firm whose main activity is related to creative Industries or having a unit in charge of creativity and Innovation. A third goal is to stimulate students' thinking and reflection about the knowledge and understanding that they will gain from such experiences.

CYS 300 - Network and Cloud Security

(3-2-4)

Prerequisite: BCS 221

This course provides a comprehensive understanding of network security principles and practices. It focuses on securing communication protocols, analyzing vulnerabilities, configuring defensive mechanisms, and managing risks in modern networks. Students will explore core topics such as TCP/IP, ICMP, DHCP, DNS, IPsec, TLS, VPNs, intrusion detection systems, hardware and device security, and privacy in monitoring. Through Cisco-based and open-source labs, students will gain practical experience in designing, implementing, and evaluating secure network architectures to protect organizational infrastructure.

CYS 301 - Digital Forensics and Incident Response

(2-2-3)

Prerequisite: BCS 303 & BCS 312

This course provides a comprehensive study of digital forensics and incident response principles, methodologies, and investigative techniques for identifying, acquiring, analyzing, and preserving digital evidence across multiple platforms. Students gain hands-on experience in disk, memory, network, cloud, and mobile forensics, while applying incident response procedures for detection, containment, recovery, and professional forensic reporting in modern cyber environments

CYS 307 - Engineering Secure Software

(2-2-3)

Prerequisite: BCS 202 & BCS 303

This course provides a foundation for building secure software by integrating security principles into the software development lifecycle for the sake of reducing software vulnerabilities and the overall defect content of software. Topics covered include security in requirements engineering, secure designs, risk analysis, threat modeling, deploying cryptographic algorithms, defensive coding, penetration testing, fuzzing, static analysis, and security assessment. Students will learn the practical skills for developing and testing for secure software while also learning sound security fundamentals from real-world case studies.

CYS 315 - Cryptographic Algorithms and Protocols

(3-0-3)

Prerequisite: MTH 114 & BCS 202

This course provides coverage for symmetric and asymmetric cryptographic algorithms and protocols. Topics include Security protocol modules; Basic cryptography objectives namely confidentiality, integrity, authentication, freshness, and non-repudiation; Security tools; Symmetric (secret-key) mechanisms; Asymmetric (public-key) mechanisms; Encryption for confidentiality and authentication; Key management and key generation; Implementation of algorithms.

CYS 321 - Security Threats and Risk Analysis

(2-2-3)

Prerequisite: BCS 303

This course provides a comprehensive evaluation of the systems, tools, and techniques used to protect digital assets within corporate and government environments. Students will apply foundational and advanced principles of data and information security to analyze vulnerabilities across Internet-based and enterprise architectures. The course also covers the design of effective loss-prevention and risk-mitigation strategies. In addition, students will examine the limitations of current risk management practices and explore modern improvement methodologies that enhance organizational security posture and resilience.

CYS 404 - Web Application Security and Testing

(2-2-3)

Prerequisite: BCS 303 & BCS 322

This course provides a practical and technical introduction to securing modern web applications. Students will first learn minimal HTML and JavaScript fundamentals and the security-relevant aspects of popular front-end frameworks, so they understand how client-side behavior creates an attack surface. The course then covers the OWASP Top-10 (2025) vulnerabilities with hands-on labs and CTF challenges that demonstrate exploitation and remediation on both client and server sides. Topics include injection attacks (SQLi, XSS), broken access control, authentication failures, supply-chain, etc. Emphasis is on secure coding, threat modeling, automated and manual testing (Burp Suite, ZAP, DVWA/Juice Shop), and producing professional remediation reports.

CYS 405 - Malicious Software

(2-2-3)

Prerequisite: CYS 307

This course provides a comprehensive introduction to malicious software, focusing on its types, behavior, and impact on modern computing systems. Students explore the malware threat landscape, along with their attack lifecycle and propagation techniques. The course develops essential skills in both static and dynamic malware analysis using widely used tools, enabling students to examine malicious code and understand its functionality. It also introduces basic reverse engineering concepts, memory and network analysis, and highlights how attackers use evasion and anti-analysis techniques to bypass security mechanisms. In addition, students learn about various malware detection approaches, including signature-based, heuristic, and behavioral methods, as well as structured incident response and remediation strategies.

CYS 412 - Mobile and Wireless Security

(3-2-4)

Prerequisite: BCS 221 & CYS 411

This course provides a thorough coverage of cutting-edge research and security solutions in wireless and mobile networks. It begins with an overview of the basic security concepts and fundamentals knowledge necessary for understanding and evaluating security issues, challenges, and solutions. Then it explores security issues and available solutions associated with off-the-shelf wireless and mobile technologies such as Bluetooth, WiMax, and 4G, WiFi standard, and protocols such as IEEE 802.11, 802.15 and 802.20 and security standards such as 802.11i, WEP, and WPA. It will then cover security techniques and solutions used to protect applications downloaded by mobile terminals through mobile-cellular networks. Finally, the course will address security issues and solutions in emerging wireless and mobile technologies such as ad hoc and sensor networks, cellular 4G, and IMS networks.

CYS 416 - Human and Organizational Security

(3-0-3)

Prerequisite: BCS 303

This course covers human, organizational, social, legal, and bureaucratic issues related to information security that an information security manager or officer should consider to be effective in his/her protective tasks. These issues include considering the organization's preparedness and its currently deployed technology level. Additional topics include: motivating users about the security risks and raising their awareness on social engineering techniques used by hackers; estimating, requesting, and justifying appropriate information security budgets; Establishing security policies and procedures and best practices; prioritizing security risks, threats, and vulnerabilities; and considering physical, operational, and personnel security along with information security.

CYS 417 - Cyber Security Graduation Project
(6-0-6)
Prerequisite: Completed 90 Credit Hours

The project is an opportunity for the students to identify and analyze specific problems related to their major of study, design and implement appropriate solutions for them, and interpret and validate test results under the supervision of a faculty member. They are expected to engage in self-learning while, possibly, working as a member of a project team.

CYS 418 - Privacy, Security Compliance and Cyber Governance
(3-0-3)
Prerequisite: BCS 303 & CYS 321

This course provides an integrated study of privacy, security compliance, and cyber governance from legal, technical, operational, and organizational perspectives, focusing on the design, implementation, assessment, and governance of privacy and cybersecurity controls using globally recognized standards, frameworks, regulations, and compliance practices. Students examine enterprise governance models, security assurance, privacy engineering, risk management, compliance auditing, regulatory obligations, and governance operations across modern digital environments. The course emphasizes practical application of governance frameworks, audit methodologies, compliance monitoring, control validation, incident governance, third-party assurance, and organizational accountability through case studies, governance exercises, compliance assessments, and hands-on activities, preparing students for roles in GRC, security compliance and assurance, privacy operations, risk management, audit readiness, security consulting, and cyber governance engineering.

CYS 419 - Cyber Security Automation and Machine Learning
(2-2-3)
Prerequisite: BCS 313 & CYS 307

This course introduces undergraduate students to the intersection of cybersecurity and machine learning (ML) for automating threat detection and security operations. Students acquire practical skills in applying supervised and unsupervised ML algorithms, deep learning, and natural language processing to real-world security problems, including network intrusion detection, malware classification, phishing detection, vulnerability prioritisation, and threat intelligence extraction. The course emphasises hands-on implementation using some standard platforms and addresses critical issues of adversarial robustness, explainable AI, privacy-preserving ML, and ethical responsibilities in deploying AI-powered security systems.

CYS 420 - Security Operations, Threat Detection and Incident Response
(2-2-3)
Prerequisite: CYS 300 & CYS 321

This course introduces students to Security Operations Center (SOC) practices, threat detection techniques, and incident response methodologies. It focuses on analyzing security data, designing detection strategies, and responding to cyber incidents in modern enterprise environments. Students will develop practical skills through hands-on labs using open-source platforms, focusing on log analysis, detection rule creation, threat hunting, and incident handling workflows. The course emphasizes real-world attack scenarios, analytical thinking, and operational readiness.

CYS 421 - Advanced Security Architectures and Protocols
(2-2-3)
Prerequisite: CYS 300 & CYS 307

This course explores advanced and emerging security architectures and protocol ecosystems beyond traditional enterprise security. It focuses on designing secure distributed systems across modern domains, including Zero Trust architectures, cloud-native systems, cyber-physical systems (CPS), Internet of Things (IoT), autonomous systems, and post-quantum secure communications.

The course emphasizes architecture-level reasoning, protocol composition, trust models, and system-level risk mitigation, supported by research-driven insights and hands-on implementations. Students critically analyze real-world systems and design secure architectures for emerging domains.

CYS 424 - Penetration Testing and Ethical Hacking

(2-2-3)

Prerequisite: CYS 300 & CYS 404

This course provides comprehensive coverage of the principles, methodologies, and practices of penetration testing and ethical hacking. It includes an overview of the ethical and legal frameworks including reconnaissance, scanning, and enumeration techniques for identifying vulnerabilities in computer systems, networks, and applications. The course examines exploitation methods along with techniques for privilege escalation, maintaining access, and evading detection. It further addresses post-exploitation activities, remediation strategies, and professional penetration testing report preparation. By integrating theoretical concepts with hands-on laboratory exercises, the course emphasizes the application of ethical hacking methodologies to assess and improve organizational security posture.

CYS 480 - Internship in Cyber Security

(3 Credits)

Prerequisite: 90 Credits & CGPA $\geq$ 2.0

The course helps to provide students with opportunities to gain work experience in a real-world environment, practice critical thinking, solve real problems, and develop design and innovation skills by interacting with professionals on real work-related issues and devices, systems, or software. The student learns how to tackle real-world tasks, manage their duties, identify objectives, respect constraints, explore new ideas, investigate practical issues, design new elements (device, system, software), and make decisions.

DBA 701 - Advanced Business Research Design

(3-0-3)

Prerequisite: None

This course introduces doctoral students to the foundational aspects of research design, beginning with generating and refining research ideas, formulating overarching questions, and developing research aims and objectives. Key topics include structuring research proposals, conducting critical literature reviews, and adhering to APA style. Workshops cover reference management tools like Mendeley and APA formatting. Students explore research philosophies, theory development, sampling methods, and primary and secondary data collection strategies. Additionally, the course addresses ethical considerations, data protection, and effective presentation skills, preparing students to communicate their research coherently and professionally.

DBA 702 - Seminar on Leadership and Organizational Behavior Dynamics

(3-0-3)

Prerequisite: None

This course offers a comprehensive exploration of organizational behavior and leadership, focusing on both theoretical and practical aspects of management, particularly in relation to individual differences, group dynamics, and behavioral processes. It is designed to equip DBA students with an in-depth understanding of advanced theories and practices in leadership and organizational behavior, fostering the development of innovative scholarly work. The course covers a range of theoretical frameworks and empirical research, encouraging students to critically assess the strengths and limitations of these models. Furthermore, it provides a supportive environment for students to refine their theoretical and empirical arguments. Through this seminar, DBA students will broaden their competencies in micro-organizational processes and enhance their ability to critically analyze and integrate research within this field.

DBA 703 - Seminar on Emerging Technologies for Business Leaders

(3-0-3)

Prerequisite: None

This seminar offers a comprehensive exploration of how Artificial Intelligence (AI) and emerging technologies drive innovation within organizations. Through an integration of academic research and practical expertise, DBA students will delve into key theories surrounding IT innovation, examine diverse applications of AI technologies in business contexts, and analyze the ethical and organizational considerations inherent in the adoption and deployment of AI and emerging technologies.

DBA 704 - Advanced Qualitative Research Methods

(3-0-3)

Prerequisite: DBA 701

This course offers a comprehensive introduction to qualitative research, focusing on research design, formulation of research questions, and integrating theory and literature. Students will explore various qualitative methods, including interviews, focus groups, and observation while addressing ethical considerations and the participatory approach. The course covers data collection, analysis, theory development, and software like NVIVO and RQDA for data interpretation. Students will also learn writing strategies to evaluate and produce high-quality research outputs, preparing them to conduct and disseminate rigorous qualitative studies.

DBA 705 - Advanced Quantitative Methods in Business Research

(3-0-3)

Prerequisite: DBA 701

This course introduces DBA student to contemporary issues in multivariate analysis, with a focus on applying structural equation modeling (SEM) to complex organizational phenomena. Key topics include exploratory and confirmatory factor analysis, the theoretical foundations of SEM, and practical guidelines for reporting SEM results. Workshops cover techniques such as Exploratory Factor Analysis (EFA) and factor analysis fundamentals. Students develop critical competencies in psychometric principles, gaining the ability to distinguish among SEM methods commonly used in social science research. Additionally, the course fosters skills in implementing advanced multivariate modeling, preparing students to independently conduct rigorous analyses in business management research.

DBA 706 - Seminar in Business Strategies and Sustainability

(3-0-3)

Prerequisite: None

This advanced doctoral seminar in business strategy and sustainability provides an in-depth exploration of key theoretical frameworks and practical applications essential for understanding and navigating the complexities of strategic management in today's dynamic business environment. Throughout the course, DBA students will engage with foundational concepts and cutting-edge theories, synthesizing scholarly research with real-world business scenarios to develop a sophisticated understanding of business strategy. The seminar begins by examining fundamental issues in strategy, offering a comprehensive overview of strategic management principles and the evolution of strategic thinking. It then delves into the intricacies of business models and strategies, focusing on the formulation and execution of effective strategies tailored to diverse organizational contexts. Through rigorous analysis of industry dynamics, market structures, and strategic positioning, students will gain critical insights into the decision-making processes related to strategy and sustainability and their implications for organizational success.

DBA 707 - Academic Writing Practicum

(3-0-3)

Prerequisite: DBA 704 & DBA 705

This course provides comprehensive instruction on writing scientific business research, equipping DBA students with the essential skills for clear and effective communication in both academic research and professional contexts. It introduces the principles of writing from a scholarly perspective, progressing from sentence-level construction to document-level composition. DBA students will gain proficiency not only in deciphering academic writing but also in guiding their own readers through articulate research communication. This course will prioritize the development of skills in formulating impactful problems and presenting their rationale through clear and well-supported arguments, rendering it highly valuable.

DBA 708 - The Art and Science of Data Analysis

(3-0-3)

Prerequisite: DBA 705

This course provides a comprehensive overview of statistical methods and their application in quantitative research. Topics include the role of statistics, data analysis processes, and graphical methods for displaying data. Students will learn to summarize bivariate data, conduct hypothesis testing, and analyze categorical data using chi-square tests. Advanced topics include AI tools for statistical analysis, probability theory, analysis of variance (ANOVA), and regression techniques, including linear, logistic, hierarchical, and quantile regression. The course emphasizes interpreting and communicating statistical results, enabling students to apply these methods effectively in research.

DBA 709 - Seminar in Strategic Marketing Decision for Value Creation

(3-0-3)

Prerequisite: DBA 701

This advanced seminar equips DBA students with the theoretical foundations and practical insights to make strategic marketing decisions that drive sustainable value creation. The course explores innovative marketing strategies that address complex business challenges through the integration of advanced theories, practices, and cutting-edge analytical techniques. Students will critically analyze the impact of marketing strategies on organizational value creation and develop evidence-based arguments to enhance theoretical and practical understanding of value-driven marketing decision-making. Drawing from academic and industry research, the course emphasizes the development of innovative and sustainable marketing strategies aligned with global business trends, ensuring students are prepared to contribute to academic and professional excellence in the field of strategic marketing.

DBA 710 - Seminar in Managing Dynamic Business Environments

(3-0-3)

Prerequisite: DBA 701

This seminar provides DBA students with an advanced understanding of navigating and managing dynamic business environments to create sustainable value. The course examines the impact of global trends, technological advancements, and socio-economic changes on organizational strategies and decision-making processes. Students will address uncertainties and opportunities in evolving business landscapes through critical research and interdisciplinary integration. Emphasis is placed on developing holistic solutions to complex business challenges by synthesizing advanced theoretical and empirical insights. Students will also present original research findings, offering actionable insights and theoretical contributions that enhance the understanding and management of dynamic business environments.

DBA 711 - Doctoral Research Proposal

(3-0-3)

Prerequisite: Successful Completion of 24 Cr. Hrs.

This course prepares DBA students for dissertation research by guiding them through the process of developing a comprehensive research proposal. Topics include defining research problems, conducting literature reviews, formulating research questions, and selecting appropriate methodologies (qualitative, quantitative, mixed-methods, action research, and participatory designs). Ethical considerations, data protection, and research design techniques are also covered. Students will refine their research ideas, structure their proposals, and integrate ethical practices, culminating in a final proposal that demonstrates their readiness to begin dissertation research or an independent project.

DBA 712 - Doctoral Dissertation

(27 Credits)

Prerequisite: DBA 711 & Passed Comprehensive Exam

Upon entering this phase, DBA students embark on an independent research (doctoral dissertation) endeavours spanning multiple terms, guided by a primary supervisor and a co-supervisory team comprising both internal and/or external members. Throughout the dissertation process, students will engage in identifying research gaps, formulating clear and concise research questions, conducting comprehensive literature reviews, justifying chosen methodologies and tools, collecting relevant and reliable data, analyzing the data, presenting findings clearly and logically, critically discussing the implications of the research results, and structuring the dissertation in accordance with CUD academic standards. The course is designed to enhance students' ability to address complex business problems through rigorous and advanced research

skills, analytical and critical thinking skills, problem-solving and leadership capabilities, deepen their understanding of theoretical and practical aspects of business administration, and prepare them for leadership roles in academia, industry, or consultancy. Success in this phase eventually leads to the evaluation of the doctoral dissertation by the external examiners.

DCE 611 - Design-Out Climate

(3-0-3)

Prerequisite: None

"Design-Out Climate" equips students with advanced knowledge of climate dynamics and its impact on living ecosystems, emphasizing the challenges of climate change. The course covers key concepts like greenhouse gas emissions, atmospheric dynamics, and Earth's energy balance, exploring their influence on biodiversity, ecosystem services, and human well-being. By examining drivers of the climate crisis—such as deforestation, industrialization, and urbanization—students critically analyze these interconnected factors to develop strategies for addressing global climate challenges.

DCE 612 - Principles of a Circular Economy

(3-0-3)

Prerequisite: None

The course introduces students to the principles and strategies of transitioning to a regenerative economic model that eliminates waste, reduces pollution, and promotes sustainable resource management. Through interactive lectures, case studies, and practical exercises, students explore key circular economy strategies—such as reuse, refurbishment, recycling, and composting—while examining the systemic connection between circularity and global challenges like climate change, biodiversity loss, and resource depletion. The course emphasizes design's role in shifting away from the linear "take-make-dispose" model towards sustainable economic growth.

DCE 613 - Design Futures

(3-0-3)

Prerequisite: None

Design Futures equips students with the tools to address global challenges using a future-oriented, systems thinking approach. By exploring the intersection of design, technology, and society, the course emphasizes ethical, sustainable, and socially responsible practices in shaping the built environment. Through futures thinking, speculative practices, and case studies, students develop critical skills to analyze complex scenarios and anticipate the implications of future products, services, and systems, focusing on sustainability, equity, and justice.

DCE 614 - Research by Design

(3-0-3)

Prerequisite: None

The course explores the intersection of design and academic inquiry, emphasizing how design functions as a method of research and innovation. Through project development and material exploration, students examine how space influences human culture, activities, and behaviors while developing critical thinking and research skills. The course introduces a range of research methodologies, from qualitative and quantitative approaches to literature reviews, guiding students in defining clear research objectives. By fostering a nuanced understanding of design's role in addressing global challenges, the course prepares students to apply these competencies across their studies and final dissertations.

DCE 621 - Lifecycle Assessment and Circular Metrics

(3-0-3)

Prerequisite: DCE 611

This course introduces students to the methodologies and tools used in Lifecycle Assessment (LCA) and the application of circular metrics to evaluate the environmental performance of products, services, and systems. Emphasizing quantitative methods, it provides hands-on experience with standardized assessment frameworks such as ISO 14040 and 14044, material flow analysis, carbon footprint, and product circularity indicators. Students will learn to identify hotspots, quantify impacts, and interpret results to support design and policy decisions aligned with the principles of the circular economy.

DCE 622 - Regenerative Buildings and Cities
(3-0-3)
Prerequisite: DCE 612, DCE 614

This course explores the deep interconnections between buildings, cities, and their ecological and social contexts, recognizing them as living networks shaped by human interactions, culture, and dynamic networks of energy, data, and resource flows. The course examines strategies to extend the built environment's lifecycle, promote resource looping, reuse existing structures, and preserve ecosystems while addressing the human experience—enhancing well-being, fostering inclusivity, and empowering communities. By prioritizing dignity, agency, and environmental stewardship, students will explore how regenerative design can create spaces that support both planetary health and the diverse needs of people.

DCE 623 - Sustainable Design Policy and Governance
(3-0-3)
Prerequisite: DCE 612, DCE 613

This course explores the intersection of sustainability, governance, and design through the lens of contemporary policy frameworks and decision-making processes. It equips students with the tools to analyze, critique, and shape policies related to sustainability transitions by integrating design methodologies with governance strategies. Topics include sustainable development goals, circular economy policies, urban governance, regulatory design, participatory policymaking, and institutional innovation. Through real-world case studies, students will engage with how designers influence systemic transitions by reframing policy issues, co-designing governance mechanisms, and proposing policy-based design interventions.

DCE 624 - Design Industry Revolution
(3-0-3)
Prerequisite: DCE 613

This course explores the transformative impact of Industry 4.0, focusing on advanced technologies like AI, machine learning, VR/AR, robotics, blockchain, and additive manufacturing. Students examine how these innovations drive industrial change, enhance resource efficiency, and promote sustainability. Through case studies and projects, the course emphasizes the societal and economic potential of disruptive technologies, preparing students to lead in a rapidly evolving design landscape.

DCE 625 - Applied Environmental Science
(3-0-3)
Prerequisite: DCE 611

This graduate course introduces students to the interdisciplinary nature of environmental science and its relation to sustainability. It covers the different environmental systems, natural resources, and services. The course also focuses on the impact of the human population and urbanization on the environment, the environmental hazards that pose risks to ecosystems, and the sustainable approaches to address emerging environmental problems.

DCE 626 - Impacts of Climate Change Policy on Environmental Management
(3-0-3)
Prerequisite: DCE 611, DCE 612

This graduate course introduces students to the implications of climate change policy on environmental management. It provides an overview of climate change impacts, adaptation, mitigation, perspectives, and communication. The course also focuses on the global climate legislation that govern action on climate change. A particular focus is placed on climate change policies and the roles of actors in addressing the impacts of climate change and protecting natural resources through the illustrations of international, regional, and national climate change policy responses.

DCE 627 - Technical and Scientific Methodologies in Circular Economy
(3-0-3)
Prerequisite: DCE 612, DCE 614

This course introduces students to the technical and scientific frameworks used to measure, assess, and advance circularity across products, services, and systems. Emphasizing life cycle thinking, circular metrics, systems analysis, and material flow analysis, it offers a deep dive into data-driven and evidence-based approaches that underpin circular economy implementation. Students will gain critical skills in evaluating resource use, material performance, energy consumption, and environmental impacts using established

scientific tools and international standards. The course bridges theory and practice by applying methodologies to real-world case studies and scenarios.

DCE 628 - Smart Technologies and AI for Circular Economy

(3-0-3)

Prerequisite: DCE 612, DCE 614

This course explores the intersection of smart technologies, Artificial Intelligence (AI), and the Circular Economy. Students will examine how digital technologies enable circular strategies such as predictive maintenance, resource tracking, reverse logistics, and digital product passports. The course covers foundational concepts in AI, IoT, blockchain, and data analytics with a focus on their application to real-world sustainability and circularity challenges. By engaging with case studies and hands-on tools, students develop practical knowledge to drive digital transformation in circular systems.

DCE 630 - Applied Research Project

(6-0-6)

Prerequisite: Completion of 24 Cr. Hrs.

Applied Research Project serves as the culminating experience of the MSc in Design for the Circular Economy, enabling students to apply the knowledge, skills, and competencies gained throughout the program to a real-world case study. Selected by the student and undertaken in collaboration with an industrial or institutional partner, the project emphasizes the integration of circular economy principles into innovative solutions. Students redefine goals, tools, and methodologies to address critical challenges in the built environment, including climate change, emerging technologies, and social innovation, adopting a closed-loop, cradle-to-cradle, regenerative perspective. This course fosters strategic, research-driven design practices, equipping students to become leaders in sustainable innovation.

DES 101 - Studio 1 - Introduction to Design

(2-4-4)

Prerequisite: None

DES 101 serves as the foundational course for aspiring architects and interior designers, fostering creative and critical design thinking to create meaningful change. It emphasizes the development of skills to generate and visualize 2D and 3D design concepts aligned with specific objectives. Students explore the essence of design, stages of the design process, and foundational principles, providing a robust basis for further study. The course is structured into four units, progressing from analyzing design contexts to hands-on projects. Students identify design in natural and man-made environments, develop 2D and 3D concepts informed by design principles, and incorporate functional dimensions into their work. Personal design approaches and self-development are emphasized throughout. As a practical extension of concepts introduced in Design Theory and skills learned in Drafting and Model Making courses, DES-101 combines lectures, discussions, critiques, and design projects. This comprehensive approach equips students with the skills and knowledge needed for advanced design education.

DES 102 - Studio 2 - Design and The Human

(2-4-4)

Prerequisite: DES 101, DES 110 & DES 113

This course focuses on responses within three-dimensional spaces, guiding students to implement their reflections through small-scale designs. Key supportive courses include "Human Factors" and "Freehand Drawing & Rendering." DES-102 serves as a foundation for addressing real-world architectural and interior design challenges, enhancing design thinking relevant to modest-scale projects. It emphasizes the intrinsic value of design in shaping beliefs, experiences, and activities while deepening understanding of essential design process stages, particularly Pre-Design and Schematic Design. The primary focus is on analyzing design problems and crafting, refining, and visually communicating schematic design solutions that capture their unique characteristics. Continuing the exploration from DES-101, this course prioritizes functionality and utilizes physical models for exploration. Students advance through projects on interior spaces and architectural envelopes, preparing them to tackle comprehensive design challenges in future semesters. By leveraging knowledge from courses like Human Factors and Freehand Drawing, DES-102 employs various teaching methods, including design activities, lectures, critiques, and site visits, to support learning and achieve course objectives.

DES 110 - Design Theory

(3-0-3)

Prerequisite: None

DES 110 serves as a foundation for exploring the theoretical framework of design and its practical applications. The course deepens understanding of design's significance while enhancing analytical skills. Emphasizing design's role in shaping human perceptions, it investigates formal and creative aspects, processes, vocabulary, and principles in various contexts. Students examine selected examples and environments, locally and internationally, to uncover underlying structures and influences. This course lays the groundwork for future history courses and provides the theoretical background for design activities in DES-101 during the same semester. The course moves from exploring design's essence to a nuanced understanding of its components, culminating in an in-depth analysis of a specific spatial setting. Key elements include structured lectures, assignments, and site visits to achieve these objectives.

DES 113 - Drafting and Modeling

(2-2-3)

Prerequisite: None

The course provides students with drafting and modeling skills necessary for architects and interior designers, improving their ability to represent both designed and real-world environments. Key topics covered include drafting conventions, such as text, lines, scale, projections, sketching, and perspectives. Students will learn about orthographic projections and how to effectively depict spatial arrangements through plans, sections, elevations, and reflected ceiling plans. This course lays the groundwork for effective graphic communication, which will be further developed in future courses covering freehand drawing, rendering, and computer-aided design. It starts with basic drawing exercises and model-making tasks and culminates in comprehensive 2D and 3D drawings for a small-scale project. Combining lectures, class assignments, and site sketching activities, DES-113 offers a structured learning experience that nurtures students' design abilities and enhances their visual communication skills.

DES 120 - Human Factors

(3-0-3)

Prerequisite: None

The course introduces students to the ethical responsibilities of architects and interior designers, emphasizing their duty to consider inclusivity for the diverse needs of all users in design. It explores the systematic analysis of spatial usage patterns and aims to deepen understanding of the dynamic relationship between individuals and their built environments, acknowledging the diversity and evolving nature of user requirements for comfort in the spaces we live in. Emphasizing users' comfort and the principles of Anthropometrics, Ergonomics, and Universal Design, the course enhances skills in analyzing needs within design's cultural and environmental contexts. It lays the groundwork for comprehending diverse user requirements in subsequent design studios and complements activities in DES-102. The course progresses from fundamental concepts to the examination of built environment components, culminating in discussions about the psychological and cultural influences of space. Structured lectures, assignments, and site visits facilitate learning and help students achieve these objectives.

DES 123 - Freehand Drawing and Rendering

(2-2-3)

Prerequisite: None

DES 123 enhances students' ability to observe, understand, and visually express the tangible and intangible aspects of their surroundings. The course focuses on freehand drawing principles and techniques, equipping students with skills to communicate their perceptions effectively. A key aspect of the curriculum is examining the role of freehand drawing in representing both physical and abstract concepts, along with exploring various materials and techniques. Emphasis is placed on developing observation, reflection, documentation, and communication skills, particularly regarding value, contour, light, and shadow. By the end of the course, students will produce a portfolio that reflects their personal style and artistic intent. Topics covered include lines, shapes, forms, volume, shading, perspectives, and watercolor and markers rendering techniques. The course includes structured lectures and practical explorations, supplemented by assignments tailored to

individual student needs and skill levels. Through these experiences, students will refine their ability to express themselves visually through freehand drawing and rendering.

DES 213 - History of Architecture and Interior Design 1

(3-0-3)

Prerequisite: LNG 171 & DES 110

The course fosters students' appreciation for design history, emphasizing its importance as a source of knowledge and inspiration for architects and interior designers. It explores the evolution of architecture and interior design from its early stages to the 19th century. It unfolds chronologically, covering key eras such as Mesopotamia, Egypt, Greece, Rome, Byzantium, Romanesque, Gothic, Renaissance, Baroque, and the 18th and 19th centuries. The Course focuses on cultural influences on built environments. It examines architectural and interior design canons and their relationship to natural and cultural factors over different historical periods and regions like MENA and UAE. Students gain insights into the connections between design and its socio-cultural context through detailed analyses of styles, periods, and notable works. This course bridges foundational concepts from Design Theory and subsequent developments in DES-223 while providing essential historical context for understanding the design process (DES-213) and construction methods within the same semester.

DES 214 - Computer - Aided Design

(2-2-3)

Prerequisite: DES 113

This Lecture/Lab course introduces the use of 2D and 3D drafting and modeling software in architecture and interior design. The curriculum encompasses a comprehensive range of topics, including precision drawing, drawing aids, geometric shapes, printing and editing tools, coordinate systems, proper dimensioning, symbol libraries, and file management. Furthermore, the course introduces students to basic principles of modeling, massing, plan creation, and visualization, covering introductory-level features, commands, and techniques for creating, editing, and detailing digital designs.

Building upon earlier knowledge and skills acquired in drafting, modeling, and freehand drawing, DES-214 prepares students for both basic digital drawing tasks and advanced modeling techniques. Expected outcomes include the ability to produce plans, elevations, sections, 3D models, and renderings, culminating in basic presentations of architectural and interior design subjects.

DES 223 - History of Architecture and Interior Design 2

(3-0-3)

Prerequisite: DES 213

DES 223 aims to foster students' appreciation for design history as a crucial source of knowledge for architects and interior designers, focusing on the UAE context. The course emphasizes understanding the characteristics of key design movements and the influential figures, theories, and methodologies that shaped them while also developing research skills to distill abstract concepts from these traditions. Expanding on DES-213, this course provides a broad understanding of design history, preparing students for targeted investigations in local contexts. It enriches their knowledge in other courses by offering essential historical background for the design process and insights into building materials and construction methods. The curriculum progresses chronologically, from the origins of modern architecture to contemporary trends, including High-Tech, Post-Modernism, and new directions in contemporary design, considering the global influence on local and regional contexts.

DES 231 - Sustainability of Buildings

(3-0-3)

Prerequisite: DES 102

DES 231 provides students with a systematic introduction to the challenges that architecture and interior design face to respond to climate and its manifestations in different geographical areas. It enables awareness about the challenges of the depleting natural resource, knowledge about the global and local challenges, the impact of building construction methods and materials, understanding of passive and active design strategies and their impact on energy use. It also enhances analytical skills towards architectural and interior design contexts in relation to sustainability. DES-231 fosters inclusive design thinking in the subsequent studios towards the natural challenges and the responses towards them. It supports the design

studio taken in the same semester as a background on 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.

DES 320 - Design for Sustainability

(2-2-3)

Prerequisite: SCI 220

This course provides students with knowledge of sustainable design principles, life-cycle assessment, and eco-design methodologies. Students integrate environmental, social, and resource-efficiency considerations into engineering solutions. Emphasis is placed on analyzing trade-offs, optimizing material and energy use, and ensuring system-level sustainability. The course develops students' ability to create innovative, responsible, and resource-conscious engineering designs.

DES 361 - Working Drawings and Detailing

(2-2-3)

Prerequisite: ARC 244 & ARC 301 for BARCH | IND 211 & IND 301 for BScID

DES 361 - Working Drawing & Detailing, is dedicated to honing students' technical representation skills essential for the detailed elaboration of design formulations. Drawing upon prior knowledge and skills acquired in building construction, drafting courses, and design studios, DES-361 prepares students to produce detailed elaborations of selected design components in subsequent design studios and, particularly, in the comprehensive graduation project.

The course progresses systematically from an introduction to basic principles and conventions of detailing and their representation, to the detailed elaboration of typical building components such as roof plans, doors and windows, facade sections, and stairs. Ultimately, students culminate their learning by producing a complete set of construction documents for a selected design project. The course emphasizes a balance between design, technology and quality of drafting as it touches on the basic principles of essence of working drawings and detailing as a communicative tool for operations towards execution of the proposed design.

DES 381 - Artificial Intelligence for Design Applications

(3-0-3)

Prerequisite: DES 214

This course prepares students for a rapidly evolving design landscape where AI-driven systems are becoming more than just tools—they are emerging as active agents in the design process. As the design professions shift, architects and interior designers must develop strategies to harness the opportunities and navigate the challenges posed by AI. This course provides an essential framework for understanding how AI will augment and, in some cases, replace traditional roles in design, ensuring students are equipped to thrive in this new era.

DES 382 - Data Analytics in the Built Environment

(2-2-3)

Prerequisite: MTH 112 or MTH 196 & DES 214

This course explores the transformative role of data in architecture, interior design, and construction. Students will learn to develop data-driven strategies that address climate change, enhance building performance, and improve organizational processes. Through case studies and practical applications, the course examines the integration of data analytics, Geographical Information Systems (GIS), Internet of Things (IoT), and cloud computing to optimize decision-making and project outcomes. Students will also gain skills in managing successful data projects, leveraging big data, artificial intelligence, and business intelligence to drive innovation and operational efficiency in the built environment.

DES 400 - Internship

(3 Credits)

Prerequisite: 120 Credits & CGPA $\geq$ 2 for BARCH | 90 Credits & CGPA $\geq$ 2 for BScID

DES 400 Internship, offers students monitored work experience, bridging academic knowledge with real-world practice in architecture or interior design. The course focuses on three key objectives: understanding

the roles of architects and designers, exploring theoretical and practical approaches to the design process, and enhancing technical skills in design briefs, solutions, and documentation. Students gain hands-on experience in tasks such as design development, construction documentation, site visits, and client, supplier, and consultant interactions. The internship builds on specialized technical and theoretical coursework, providing a comprehensive introduction to professional practice and project delivery.

DES 410 - Architecture of The Islamic World

(3-0-3)

Prerequisite: DES 223

The course examines the richness and diversity of spiritual and cultural norms within Islamic architecture. It aims to enhance understanding of its development, key characteristics, typologies, and broader influences. Key focus areas include the early contexts of the Umayyad and Abbasid periods and Egypt and North Africa. Another important aspect is the global expansion of Islamic architecture, which encompasses various building typologies, planning, and urbanism. Additionally, there will be selected investigations into essential architectural creations. The course builds on knowledge gained in prior history and theory classes, providing a framework for exploring connections between architecture and cultural norms. It aims to deepen design thinking in advanced studio work addressing specialized challenges. The course will use a combination of lectures, individual research, assignments, and presentations to achieve these objectives.

DES 420 - Landscape Architecture

(3-0-3)

Prerequisite: ARC 232 or IND 220

DES 420 offers students an opportunity to enhance their design thinking in landscape architecture. The course develops a comprehensive understanding of the field, including its terminology and structure, while equipping students with the skills to analyze and propose design solutions for specific challenges. Key topics cover grading and drainage, site preparation, budget estimates, and construction documentation. Building on ARC-311, which focuses on landscape theory and initial design strategies, this course prepares students for a multidisciplinary work environment through advanced design studios and internships. Progression is achieved by emulating the design process, transitioning from fundamental principles to detailed design and project management. To facilitate learning, the course includes lectures and short research projects, allowing students to explore, discuss, and present various themes as assignments, ultimately fostering their ability to analyze and propose both conceptual and detailed landscape solutions.

DES 430 - Graphic Design and Portfolio for Architects and Interior Designers

(3-0-3)

Prerequisite: DES 214

This course introduces students to the applications of graphic design principles and practices in the profession of Architecture & Interior Design. It gives students the skills to prepare their portfolios, design presentations, reports, proposals, and brochures, and design signage in the built environment. It introduces 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 DES-113 and DES-123 and software knowledge in DES-214. It is specifically tailored to prepare students for advanced graphic presentation skills required for specialized design studios. The course progresses from the general knowledge of the elements of Graphic Design to the specific concepts and the strategies to achieve them in the context of the Architectural and Interior Design Professions.

DES 440 - Visualization

(2-2-3)

Prerequisite: DES 214

This course provides a comprehensive overview of common concepts and principles in emerging computer graphics and advanced design visualizations. Students will learn to develop the conceptual background for an advanced and target-oriented design visualization. It aims to convey an understanding of visualization principles and develop the ability to produce digital visualizations. DES-440 equips students with skills that will allow them to visualize solutions in their advanced design studios and support them in other courses. It also helps students prepare and enhance their portfolio of work and their application for internships. The course is structured into two components. The first focuses on addressing visualization techniques to render and enhance drawings. The second component explores 3D rendering and approaches to advanced

visualization tools, techniques, and strategies. This course includes lectures, critiques, discussions, hands-on exercises, and projects.

DES 450 - Complex Design Studio

(2-2-3)

Prerequisite: ARC 302 or IND 302

This course aims to enhance students' ability to analyze emerging typologies and understand how these typologies reflect the needs of contemporary society. By exploring both theoretical and practical issues related to design, students will develop a comprehensive perspective on the field. The course fosters cultural awareness and technical knowledge for creating effective design briefs and formulations tailored to individual areas of interest. Students will engage in seminars that provide a platform for discussion and collaborative learning. These interactive sessions will encourage critical thinking and the exchange of diverse ideas. Additionally, students will undertake project submissions that allow them to apply theoretical concepts to real-world scenarios, further solidifying their understanding of design principles. Throughout the course, emphasis will be placed on the relevance of emerging typologies in addressing current societal challenges, thereby preparing students to contribute meaningfully to the evolving design landscape.

DES 460 - Digitization and Robotics in Building Construction

(2-2-3)

Prerequisite: ARC 302 or IND 302

This course enhances the understanding of building systems, construction, materials, and structures, emphasizing the transformative impact of digitalization, 3D printing, and design for disassembly. It focuses on advanced construction methods and investigates digital tools and techniques reshaping the architecture and construction industry. The course aims to achieve three main objectives: first, to raise awareness of advanced digital building methods, particularly the role of digital fabrication, including 3D printing, in modern design and construction practices; second, to deepen understanding of sustainability through innovative practices, demonstrating how digitalization and design for disassembly foster sustainable architecture by enabling the reuse and recycling of building components; and third, to cultivate the ability to assess and apply these methods critically, equipping students with the skills necessary to evaluate and effectively integrate digital tools and construction methodologies in various architectural contexts, ultimately preparing them for the evolving landscape of the industry.

DES 470 - Professional Practice Seminar

(3-0-3)

Prerequisite: ARC 302 or IND 302

This course offers an in-depth exploration of specific themes relevant to architecture and interior design. Students will engage in various exercises and research activities to conduct practice-based investigations into particular aspects of the profession, gaining valuable insights into the field. The course emphasizes the intersection of education and professional experience and is delivered in close collaboration with industry professionals.

DMJ 200 - Principles of Digital Media and Journalism

(2-2-3)

Prerequisite: None

This is an introductory course to the field of journalism. The course includes exposure to different types of journalism such as Legacy Print Media, Photojournalism and New Media online, students will learn about the responsibility of providing truthful, fact-based information to the public. The students will build a strong foundation of journalistic practices such as determining coverage, writing and reporting.

DMJ 210 - News Writing & Editing

(2-2-3)

Prerequisite: LNG 172, MCM 201

This course focuses on developing the writing and editing skills of students. Students will learn different aspects of news judgment, different styles of news writing, and editing techniques. Students will develop skills writing news; fast editing to meet deadlines; ordering of facts/events in a story; deciding what is newsworthy; maintaining accuracy and credibility of the stories; and balancing the story.

DMJ 220 - Research and Data Analytics for DMJ
(2-2-3)
Prerequisite: MCM 140

This is a practical course that draws on the scientific research methods and data analysis. In this course, the students will learn how to conduct research and investigations for journalistic reporting purposes by employing various research methods. This includes utilizing online platforms that provide Big Data statistical and analytical tools, using secondary data from online resources. It also covers professional reporting techniques, and critical analysis to draw fact-based conclusions. The ethical dimensions of journalism research and practices are also covered.

DMJ 305 - Graphics for Digital Media & Journalism
(1-4-3)
Prerequisite: MCM 250

This course is an advanced training for students on how to create and manipulate 2D and 3D digital graphics. The students will learn through theory and practice how to build news stories and investigative reports by creating innovative and interactive graphics. The course covers concepts such as news writing styles, typography, image editing, image tracking, web design and interactivity. Students will use several software applications in their assignments.

DMJ 315 - Virtual Reality for Journalism
(1-4-3)
Prerequisite: DMJ 305

This course introduces the student to utilizing virtual reality (VR) and augmented reality (AR) technologies in news coverage. Students will learn advanced techniques of digital storytelling, video shooting and editing to create 360-degree images and videos for news and short documentaries. Students will practice and use several software applications and online platforms throughout the course.

DMJ 317 - Digital Photography
(2-2-3)
Prerequisite: MCM 250

This course introduces students to the principles and techniques of digital photography and Photojournalism. Students will learn and use the three variables of exposure: aperture, shutter speed and ISO. They will practice how to reframe photography for journalistic usage and photojournalist's code of ethics. The course expands its focus to creating visual meaning through both single images and multiple-picture packages.

DMJ 400 - Newscasting
(1-4-3)
Prerequisite: MCM 215 & DMJ 210

This course introduces students to digital broadcast journalism in Radio and TV. This is a conceptual and practical course, where the students will learn the basic skills in broadcast writing, develop on-camera techniques, directing, and video editing. The students will also practice building Newscasts by broadcasting their productions on online channels such as podcasts, webcasts, video platforms, and social networks. Attention will be given to the ethical aspects of journalism broadcasting. Students will develop analytical and critical skills used in current trends in the digital broadcast industry.

DMJ 420 - Innovative Multimedia Reporting
(1-4-3)
Prerequisite: DMP 210 & DMJ 315

This course introduces students to advanced technologies in digital communication such as mobile news coverage, camera handling, audio/video editing, and various types of computerized realities. The students will have extensive training on how to integrate these technologies in news gathering, reporting and online publishing.

DMJ 425 - Capstone Project
(1-4-3)
Prerequisite: DMJ 220 & DMJ 305

This course aims to provide students with the opportunity to apply their media production knowledge and skills in a simulated newsroom setting. This includes gathering reports, data mining, editing, developing,

copywriting, and publishing news stories. Students will practice the ethical standards used in producing news stories.

DMJ 430 - Portfolio and Internship II for DMJ

(3 Credits)

Prerequisite: MCM 431

This is a continuation of the Internship I course (MCM 430) with focus on the specialized Journalism industry. The student will work as an intern for 150 hours in a media organization. The student will also produce an e-portfolio summarizing her/his achievements and contributions in the workplace and a good variety of representative CUD coursework. The Internship course provides students the opportunity to apply the theoretical knowledge and practical skills they have acquired in the classroom in 'real-world' settings.

DMP 210 - Digital Media Production

(1-4-3)

Prerequisite: MCM 250

This course will equip the students with necessary knowledge and skills to produce meaningful audio and visual contents for effective communication. Students will study and practice in more details digital production techniques including image composition and manipulation; photography, videography, audio/video editing. A bundle of Adobe software applications will be explored and utilized in the projects of this course.

DMP 305 - Critical Coding for Communication

(1-4-3)

Prerequisite: None

The purpose of this course is to offer the students a practical learning experience on how to search, retrieve, and use social information data from different online platforms for the purposes of interactive communication. The ethical aspects of coding for social data mining and analysis will also be addressed.

DMP 315 - Theory and Practice of Animation

(1-4-3)

Prerequisite: MCM 250

This course introduces the students to the theory of animation, its principles, and the basic techniques of 2D animation that can 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.

EAP 101 EAP and IELTS Success 1

The aim of this level is to improve the four skill areas: reading, writing, speaking and listening. The course will focus on introducing vocabulary, developing basic reading skills of simplified texts, improving listening and conversation skills and introducing the mechanics of writing to develop writing accuracy at the sentence level.

EAP 201 EAP and IELTS Success 2

This level focuses on academic preparation in a combined reading/writing course, oral communication and grammar. It also expands the existing proficiency in speaking, writing, reading and listening. Students will build their vocabulary, acquire academic and reading strategies and write organized paragraphs and grammatically correct sentences.

EAP 301 EAP and IELTS Success 3

This course will improve the four skill areas with emphasis on reading and writing short essays to prepare students for the IELTS exam quickly and efficiently. It will also prepare students to join and succeed in major university courses by developing university level vocabulary and using various reading strategies through authentic texts to increase reading speed and comprehension.

EBU 200 - e-Business Fundamentals

(3-0-3)

Prerequisite: None

This course defines the formulating business strategy in e-business, providing students with the theoretical and practical foundations necessary for understanding e-Business, the fundamentals of e-Business, its terminologies, concepts, and its infrastructure. Topics include Concepts and Essentials differences between e-Business as compared to e-Commerce, IS/IT e-Business infrastructure and importantly e-commerce fundamentals 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.

EBU 210 - Introduction to Database Systems

(2-2-3)

Prerequisite: EBU 200

This course introduces the principles and concepts of Database Systems, using a top-down approach that spans from the conceptual level to the physical implementation of a database. Topics covered include data modeling using the Entity-Relationship Model, Enhanced Relationship Model, and Relational Data Model. In addition, the course delves into essential topics including Integrity Constraints, Structured Query Language (SQL), Functional Dependency, and Normalization. Furthermore, it explores cutting-edge areas like big data and NoSQL databases. Weekly lab sessions will be given to reinforce the theoretical understanding acquired in class. Additionally, students will undertake a guided project to design and implement a database tailored for a real business scenario.

EBU 250 - Digital Entrepreneurship

(3-0-3)

Prerequisite: EBU 200

This course is particularly suited for students wanting to become digital entrepreneurs who expect to join internet economy. The aim of the course is to provide introduction to the many dimensions of starting and growing innovative internet-based business in this digital economy. Students will develop a clear understanding on how to evaluate market opportunities, design profitable business models, raise capital, develop a value proposition that customers need and build a winning team. Topics included: behavior and attributes of entrepreneurs in digital age, skills and tools to turn innovative ideas into profitable sustainable businesses, development of business plan, innovative business models, risks and rewards of entrepreneurial activities, Students are expected to prepare a business plan for an innovative business as their main objective by the end of the semester.

EBU 300 - Information Security

(3-0-3)

Prerequisite: EBU 200

This course is intended to give students an introduction to a variety of information and cyber security topics: vulnerability management, program security, operating system security, web security, database security, network security, elementary cryptology, cloud computing, incident management, risk management, and legal and ethical issues in information security.

EBU 301 - Systems Analysis and Design

(3-0-3)

Prerequisite: SWS 351

This course examines business needs for information systems. It will introduce students to the relative complexity of information requirements, systems analysis, and design within a business organization and introduce students to the concepts, formal techniques, tools, and methods used in the analysis, design, and implementation of information systems. The course approaches the development of information systems from a problem-solving perspective.

EBU 303 - e-Business Web Technologies

(3-0-3)

Prerequisite: EBU 210

This course introduces the current technologies used to design and develop a 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.

EBU 401 - Internship in e-Business
(3)
Prerequisite: 90 credits hours + Min CGPA 2.0

An internship experience provides the student with an opportunity to explore career interests while applying knowledge and skills learned in the classroom in a work setting. The experience also helps students gain a clearer sense of what they still need to learn and provides an opportunity to build professional networks.

EBU 406 - e-Business Project Management
(3-0-3)
Prerequisite: MGT 361 & SWS 351

In this course, the student will learn about the main project management knowledge areas as guided by the PMI's PMBOK. Throughout this course, the student explores the project life cycle, principles, processes, and approaches to project planning for the success of e-business projects. Topics include the roles and related skill sets of the project manager and project team, defining a project, planning a project, developing the work breakdown structure (WBS), scheduling, defining the project budget, managing project risks, and managing project procurement and communication.

EBU 450 - e-Business Consulting Project
(3-0-3)
Prerequisite: Final Semester

This course allows the student to synthesize the various skills learned by developing and/or implementing a "real world" e-business project such as developing an e-commerce website, from design, development, to implementation and final review. Each team should develop and monitor its own project plan, prepare a business case or business plan to support the proposal and implement a solution. The students should work with faculty advisors to determine an appropriate 'real-world' project that can be completed during the term.

EBU 490 - Special Topics in e-Business
(3-0-3)
Prerequisite: 102 Credit Hours to be Completed

The course examines special topics in E-Business that explore how e-Businesses use various Information Systems/Information Technology (IS/IT) theories and potentially tools to address dynamic operational challenges. 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 the latest emerging trends in e-Business while providing contemporary examples to make the theory come to business life.

EBU 495 - Operations and Supply Chain Information Technology
(3-0-3)
Prerequisite: SWS 351

This course addresses the role of technology and information systems in supply chains, e-business platform, documentation and tracking systems, warehouse management systems, transportation management systems, and supply chain software capabilities.

ECO 221 - Principles of Microeconomics
(3-0-3)
Prerequisite: None

This course introduces microeconomic theory to model individuals, households, and firms' decisions, in a world where all resources are scarce. The course covers topics such as consumer choice theory, demand and supply, theory of production and costs, different types of markets, public goods and externalities, taxation and government spending, game theory, as well as topics regarding asymmetric information.

ECO 222 - Principles of Macroeconomics
(3-0-3)
Prerequisite: None

This course introduces students to essential macroeconomic principles and core macroeconomic theories. The first part of the course explores how to measure national economic activity, specifically GDP, unemployment and inflation, and their relationship to the business cycle. The second part of the course analyzes theories of economic growth and development, role of the monetary system, fiscal and monetary policy, as well as introduce students to concepts of the open economy. The course makes use of algebra,

calculus, and graphs to illustrate concepts. Discussion of current social-economic issues faced by countries (such as Covid and war) provide real life examples of the application of economic policy.

EHM 400 - Internship in Environmental Health Management

(3 Credits)

Prerequisite: 81 Cr. Hrs. & CGPA $\geq$ 2.0

The internship provides departmental students with the opportunity to apply their knowledge in the areas of Environmental Health Management. They are expected to investigate and analyse practical public health issues, problems, or challenges, and ultimately participate in decision-making. Students will explore environmental related entities. The internship course experience aims to prepare students to discover different tasks of their future professional career.

ELC 320 - Power Electronics

(2-2-3)

Prerequisite: ENG 301

This course is intended to teach the fundamentals of power conversion and will cover the design, analysis, modeling and control of all types of power converters – such as, dc-dc converters, dc-ac inverters, ac-dc rectifiers/converters and also introduce the concepts of direct ac-ac converters.

ELC 321 - Instrumentation and Measurements

(2-2-3)

Prerequisite: ENG 243

In this course, students will learn how to select and use appropriate electronic test instruments for various applications based on an understanding of the capabilities and limitations of modern electronic test instrumentation. They will also develop an understanding of the basic principles of operation of these instruments. Comprehension of the topics covered in lectures will be reinforced with a broad spectrum of laboratory experiments. Through attractive practical applications, student will learn fundamentals of the “LabView” instrumentation software.

ELC 323 - Instrumentation and Measurements

(2-2-3)

Prerequisite: ENG 223

In this course, students will learn how to select and use appropriate electronic test instruments for various applications based on an understanding of the capabilities and limitations of modern electronic test instrumentation. They will also develop an understanding of the basic principles of operation of these instruments. Comprehension of the topics covered in lectures will be reinforced with a broad spectrum of laboratory experiments. Through attractive practical applications, student will learn fundamentals of the “LabView” instrumentation software.

ELC 412 - Digital System Design

(2-2-3)

Prerequisite: ENG 210

This course proposes advanced topics of digital logic with emphasis on the design of digital circuits. It includes the following topics: Hardware Description Languages (HDL) HDL-Based Digital Design, VHDL Hardware Description Language, Combinational Logic Design Practices, Sequential Logic Design Principles, Sequential Logic Design Practices, Memory, CPLDs, FPGAs, Complex Programmable Logic Devices. Design with VHDL. By the end of the course the student will be able to design, simulate, build, and debug complex combinational and sequential digital circuits based on an abstract functional specification. The student will also understand the basic internal workings of the central processing unit of a computer and its interface with memory and input/output subsystems.

ENG 102 - Digital Logic

(2-2-3)

Prerequisite: None

This course covers digital systems, focusing on number systems (binary, octal, hexadecimal) and their conversions, as well as operations like addition, subtraction, multiplication, and division. Students will learn about logic gates, truth tables, universal gates, and implement circuits using Verilog and FPGA. Key topics include circuit simplification, Karnaugh maps, binary adders, and the design of decoders, flip-flops, counters,

and registers. The course also explores synchronous sequential circuits, state management with flip-flops, and clock-based control. By the end, students will have hands-on experience designing and implementing both combinational and sequential digital circuits.

ENG 122 - Engineering Graphics and Design

(0-2-1)

Prerequisite: None

This course provides hands-on training in engineering drawing and design using AutoCAD and drawing software's. Students begin with basic sketching and 2D drafting, progressing to orthographic, sectional, and dimensioned views. Advanced topics include tolerancing, threads, fasteners, and machine elements. The course concludes with 3D modelling and assembly design for real-world engineering applications.

ENG 240 - Computer Architecture

(3-2-4)

Prerequisite: BCS 101

This course provides an introduction to computer system architecture and organization. Topics include: Data representation, CPU and Memory; Design, Implementation and Enhancement, Analysis and Comparison of CPU architectures; I/O Operation; and Computer Peripherals.

ENG 213 - Electric Circuit I

(2-2-3)

Prerequisite: SCI 210

This course provides students with fundamental understanding of electric circuits. Voltage and Current Sources, Resistors; Ohm's Law; Jule's Law: Energy and Power; Resistors in Series; Resistors in Parallel; Series-Parallel Resistive Circuits; Source Conversions, Superposition Theorem, Thevenin's Theorem, Norton's Theorem, Alternating Current, Capacitors and inductors; RC, RL, and RLC circuits, First order Analysis, Second Order Analysis, Phasor Circuit Analysis, Circuit Theorem with Phasor.

ENG 222 - Engineering Electromagnetics

(2-2-3)

Prerequisite: MTH 212 & SCI 210

This course is intended to develop both physics and engineering related understanding of electromagnetic forces and fields. It also explains propagation process through materials, devices as well as systems. It starts by reviewing Complex Numbers, Phasors, Vector Analysis, Differential operators. Topics include: Waves and Phasors; Transmission Lines; Electrostatics; Magnetostatics; Time-Varying Fields; Faraday's Law; Boundary Conditions for Electromagnetics, Electromagnetic Potentials; Plane-Wave Propagation.

ENG 223 - Electric Circuit II

(2-2-3)

Prerequisite: ENG 221

This course provides the students the fundamental theory and mathematics for the analysis of Alternating Current (AC) electrical circuits, frequency response and transfer function of circuits. Topics include: Sinusoids and Phasors, Sinusoidal Steady-state Analysis, AC Power Analysis, Three-Phase Circuits, Magnetically Coupled Circuits, Frequency Response, Frequency selective circuits and two-port networks.

ENG 225 - Electronics I

(2-2-3)

Prerequisite: ENG 213

This course introduces electronic components in terms of implementation and application. Topics include Semiconductor material; Semiconductor Diodes; Diode applications; LED and Laser Diodes; Zener Diodes; BJT Transistors; BJT Switching Applications; BJT Amplifiers, Power Amplifiers, JFET Transistors; MOSFET Transistors; Switching and logic CMOS applications of MOSFETs.

ENG 301 - Electronics II

(2-2-3)

Prerequisite: ENG 310

This course covers Small-signal BJT Amplifiers; Small-signal FET Amplifiers; MOSFET Amplifier; Amplifier Frequency Response ; Ideal Operational Amplifier Circuits and Analysis; OpAmp applications, such as, adder, integrator, differentiator, active filters, and oscillators.

ENG 323 - Electric Machines
(3-0-3)
Prerequisite: ENG 213

This course introduces Electrical Machines. Topics include Magnetic circuits, ideal and practical transformers, instruments and autotransformers. DC motors and generators, DC motors speed control, brushless DC motors. AC machines, induction motors characteristics, synchronous generators, fractional horsepower machines. AC machines frequency and speed control. Servomotors and stepper motors.

ENG 315 - Control Systems
(3-0-3)
Prerequisite: MTH 220

This course introduces Control Systems. Topics include Introduction to: Characteristics, time response, steady-state error. Open loop and closed loop concepts, transfer function, time domain, frequency domain, stability of linear feedback control systems, Root Locus method, Bode diagram. Design of feedback control systems: principles of design, design with the PD, PI, and PID controllers. Performance evaluation of feedback control systems. Software tools for simulation of control systems and analyze their performance are integrated throughout the course.

ENG 316 - Internet of Things and Data Science
(2-2-3)
Prerequisite: ENG 240 or NET 105

This course will introduce students to the new type of Internet application that endeavors to make the thing's information (whatever that may be) available on a global scale. They will also learn Environment and Traffic Characteristics for IOT, Communication Capabilities, Machine-Type Communications, SCADA systems, Zigbee/IEEE 802.15.4, IPv6 Address Space, and Requirements for Various IPv6 Nodes.

ENG 317 - Digital Signal Processing
(3-0-3)
Prerequisite: MTH 212

This course introduces the fundamentals of Digital Signal Processing (DSP), focusing on discrete-time signals and systems. Topics include convolution, z-transforms, DFT, FFT, and digital filter design. Students will analyze and implement FIR and IIR filters. Practical applications in audio, communications, and biomedical systems are explored. Hands-on exercises reinforce theoretical concepts using DSP software tools.

ENG 320 - Internship
(2 Credits)
Prerequisite: 90 Credits & CGPA $\geq$ 2.0

Internship is a course designed to provide students with opportunities to gain work experience in a real world environment, to practice critical thinking, to solve real problems, and to develop design and innovation skills. By interacting with professionals on real problems and commercial devices, systems or software, the student learns how to tackle real world tasks, manage his/her duties, identify objectives, respect constraints, explore new ideas, investigate practical issues, design new elements (device, system, software) and make some decisions.

ENG 400 - Graduation Project 1
(0-4-2)
Prerequisite: Completed 100 Credit Hours

This project provides the students with the opportunity to use the learning they acquired to: apply critical thinking, further develop their design skills, and innovate. The students are expected to complete literature survey; develop a project plan; analyze requirements and acquire the necessary material and steps for their intended project. Graduation Projects in industrial environment with the co-supervision by an industrial expert are encouraged.

ENG 401 - Graduation Project 2
(0-4-2)
Prerequisite: ENG 400

This project provides the students with opportunities to demonstrate the learning they acquired to: apply critical thinking, further develop their design skills, and innovate. The students are expected to implement, test and perform the analysis of the results of a project based on the design and schedule completed by the same student team during the graduation project 1. Graduation Projects in industrial environment with the

co-supervision by an industrial expert are encouraged.

ENG 416 - Professional and Engineering Ethics

(3-0-3)

Prerequisite: Minimum 60 Cr. Hrs.

This course introduces the engineering profession, professional practice, engineering law and ethics. To fully assume responsibilities towards society the engineer should consider social implications and environmental impacts of technologies. Topics include: History of the profession of engineering, Principles of professional engineering practice, Professionalism and Codes of Ethics, Understanding Ethical Problems, Ethical Problem-Solving Techniques, Social implications and environmental impacts of technology, The Rights and Responsibilities of Engineers, Ethical Issues in Engineering Practice, Ethics in Computer and Internet Crime, Security and Privacy, Ethics related to Intellectual Property.

ENT 141 - Fundamentals of Innovation and Entrepreneurship 1

(2-0-2)

Prerequisite: None

The course equips the next generation of leaders to develop an innovative, sustainability and entrepreneurial mindset and their related core skills. Most sessions include a mix of components: lectures, discussion, case studies, interactive activities in class, and guest lectures by industry experts. The course introduces the design thinking principles and idea evaluation processes. By the end of this course, the student will understand the main concepts of innovation, entrepreneurship and sustainability, specifically the sustainability framework (economy, society, and environment). The learning content ranges from exploring numerous innovative and sustainable ideas using contemporary tools for ideation.

ENT 142 - Fundamentals of Innovation and Entrepreneurship 2

(0-2-1)

Prerequisite: ENT 141

This course is a continuation of the ENT 141 and focuses 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 guest lectures from industry experts.

ENT 241 - Entrepreneurship 1

(2-0-2)

Prerequisite: ENT 142

Entrepreneurship 1 is the first part of a continuation of two interrelated 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 of engaging 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 innovative sustainable business ideas, using contemporary tools for ideation and business planning, researching market data and trends, and developing rich insights of the learner's journey by adopting reflective models for personal and professional development. Most sessions include a mix of components: lecture, discussion, interactive activities in class, and open Q & A if an appropriate expert or guest speaker is available.

ENT 242 - Entrepreneurship 2

(0-2-1)

Prerequisite: ENT 241

Entrepreneurship 2 is the second (and final) part of a continuation of two courses. The second part of the course is applied, hands-on, and interdisciplinary, which has been specifically designed to engage the learner in entrepreneurial thought and action for the development of a new business start-up from a commercial standpoint. This course extends from Entrepreneurship 1 (ENT 241) but focuses specifically on evaluating, validating, and defending their innovative business plan for new venture creation at an "Investor Pitch" event. The learning content ranges from developing a comprehensive business plan and developing the prototype using contemporary sources of reference and analytical models, researching primary and

secondary data, designing their prototype, 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, hands on product development, interactive activities in class, and open Q & A if an appropriate expert or guest speaker is available.

ENT 350 - Building an Entrepreneurial Mindset and Strategy

(3-0-3)

Prerequisite: ENT 242

This course introduces students to the entrepreneurship ecosystem to assist them in building interest, vigilance, proactivity, growth, development, resilience, flexibility, empathy and leadership. The course will help students learn different ways to think and act entrepreneurially as well as to identify opportunities. The teaching approach is based on flipped classroom method and experiential learning techniques and students will be focusing on building their entrepreneurial mindset through hands-on approaches.

ENT 351 - Social Enterprise and Global Challenges

(3-0-3)

Prerequisite: ENT 242

This course introduces the learner to social enterprise and entrepreneurship in a global context. Students will learn how to compare social entrepreneurship and enterprise processes to traditional forms of commercial entrepreneurship by applying entrepreneurial thought and action to the United Nation's Sustainable Development Goals (SDGs). The students will also learn how to measure social impact through various models of analysis and explain the role of social entrepreneurship ecosystems in supporting the development of innovative solutions.

ENT 360 - Corporate Entrepreneurship

(3-0-3)

Prerequisite: ENT 242

Corporate Entrepreneurship focuses on the venture creation process within established organizations. The course introduces students to the functions, activities and actions associated with building entrepreneurial architecture, encouraging entrepreneurial mindsets, creativity and innovation, and perceiving, clarifying, and refining opportunity as well as leading and managing organizations to achieve the entrepreneurial dream. While the primary focus of the course will be on creating new ventures within established organizations, the knowledge skills and competencies gained in the course should be relevant to those creating new independent organizations.

ENT 361 - Entrepreneurial Finance and Venture Capital

(3-0-3)

Prerequisite: FIN 202

This course is a comprehensive exploration of financial strategies crucial for entrepreneurial ventures. The primary objective of the course is to provide a general overview of the entrepreneurial finance spectrum and a comprehensive analysis of fundamental concepts and principles in finance that are as important for entrepreneurial companies as for well-established companies. The first part of the course covers the Entrepreneurial Spectrum, financial statements, financial statement analysis, cash flow management and Intrapreneurship models as well as traits of the High-Growth Entrepreneur. The second part covers valuation, the capital market for financing entrepreneurial activities and crowdfunding.

ENT 401 - Internship in Entrepreneurship

(3)

Prerequisite: ENT 350, ENT 360 & Complete 90 credits + 2.0 CGPA

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.

ENT 470 - Leadership for Entrepreneurs

(3-0-3)

Prerequisite: ENT 350

This course focuses on the leadership required to take an initial idea to the point where it becomes an

enterprise that produces value and is self-sustaining. Students will learn and acquire knowledge, and skills of leadership needed by the entrepreneur to manage the business successfully as the start-up grows. Furthermore, students will apply leadership styles and skills learned and evaluate their current leadership skills, identify areas for development, and act to fill skills gaps using relevant tools. To explore and reflect on their leadership abilities, students will also identify and evaluate the role of specific entrepreneurs as leaders that have impacted businesses focusing on the four stages of enterprise maturity.

ENT 471 - Business Model Validation

(3-0-3)

Prerequisite: MKT 201, HRM 210, ENT 361

This course requires the learner to develop and present a commercially and/or socially viable business plan for a new business start-up or scale up growth project. The learner will demonstrate a thorough understanding of the importance and relevance of the entrepreneurial ecosystem to their business venture. Drawing upon their core knowledge from the entrepreneurship pathway, the learner will validate their value proposition and business model using robust analytical tools, techniques, and technology. The business plan will be followed by a professional pitch, and students will be required to defend their business model to a panel of internal/external stakeholders/committees.

ENT 472 - Small Business Management

(3-0-3)

Prerequisite: ENT 242 & MGT 202

This topics covered in this course are: commercial and/or social viability business plan development, new business start-up or scale-up growth project, entrepreneurial ecosystem, value proposition and business model validation, components of the business plan including market analysis, financial projections, strategic planning, funding options, risk management strategies, and operational plans tailored to small businesses, professional pitch delivery including persuading potential investors, partners, or stakeholders and defending the business model to a panel of internal and external stakeholders. The course will focus on practical application, exercises, case studies, discussions and skills for launching and growing small businesses, navigating complexities of management and leadership. Additionally, the course emphasizes on becoming effective business owners capable of navigating the complexities of managing and leading their ventures.

ENT 473 - Innovation Management

(3-0-3)

Prerequisite: ENT 242 & MGT 202

This course provides a comprehensive understanding of the role of innovation in shaping industry dynamics. It aims to equip students with the skills to critically analyze and strategize around new product development and the entire innovation process. It emphasizes the development of analytical abilities to understand and adapt to ongoing changes in innovation landscapes. The course also delves into understanding different types of innovation, exploring each stage of the innovation process, and discussing strategies for protecting and sustaining innovation within competitive markets.

ENT 474 - Entrepreneurial Marketing

(3-0-3)

Prerequisite: ENT 242 & MKT 201

This course provides a comprehensive understanding of the role of innovation in shaping industry dynamics. It aims to equip students with the skills to critically analyze and strategize around new product development and the entire innovation process. It emphasizes the development of analytical abilities to understand and adapt to ongoing changes in innovation landscapes. The course also delves into understanding different types of innovation, exploring each stage of the innovation process, and discussing strategies for protecting and sustaining innovation within competitive markets.

ENT 475 - Simulation Challenge

(3-0-3)

Prerequisite: ENT 360 & ENT 471

This course has been designed to provide an operational context for students to practice their entrepreneurial learning and behaviors in a simulated business environment. Based on a range of uncertain and complex settings within the simulation software, the learner is required to reflect upon their personal, entrepreneurial and business actions. This module is underpinned by the concept of 'experiential learning'

thus, providing students with a simulated operational context to practice and understand their emerging entrepreneurial skills and knowledge.

ENT 480 - Incubation Project

(3-0-3)

Prerequisite: MGT 231, ENT 471 + Complete 90 credits

This course provides the students with the opportunity to apply their accumulated knowledge and competencies to launch their innovative business. The students will undertake the supervised project to produce a competitive and organized startup, develop knowledge and skills to obtain necessary approvals, and move towards setting up their own venture. This intensive project will mark the beginning of their entrepreneurial career and enterprise while being mentored and coached by the assigned instructor.

ENV 201 - Principles of Environmental Sciences

(3-0-3)

Prerequisite: None

This course covers the interdisciplinary nature of environmental studies. The topics include the environment and sustainability, ecosystems, biodiversity and evolution, the human population and urbanization, climate and biodiversity, food production and the environment, geology and non-renewable mineral resources, environmental hazards and human health, energy resources, air and water pollution, climate change and ozone depletion, solid and hazardous wastes, environmental economics, and politics and worldviews. Approaches to prevention and control of environmental hazards are discussed within the overall context of sustainability.

ENV 220 - Introduction to Environmental Health

(3-0-3)

Prerequisite: ENV 201

This course covers the fundamentals of environmental health. Topics include an introduction to environmental health, environmental epidemiology, environmental toxicology, risk assessment, environmental policy and regulation, zoonotic and vector-borne diseases, ionizing and nonionizing radiation, water quality, air quality, food safety, solid waste, occupational health, and environmental justice.

ENV 302 - Environmental Microbiology

(2-2-3)

Prerequisite: None

This course covers fundamental aspects of microbiology in relation to environmental health. The laboratory sessions allow students to better understand the structure, physiology, and diversity of microorganisms. Topics include introduction to microbiology, microscopy, cell structure and taxonomy, diversity of microorganisms, microbial physiology and genetics, the study of fungi, controlling microbial growth in vitro, use of antimicrobial agents, microbial ecology, environmental biotechnology, degradation of pollutants, and microbial treatment of natural resources.

ENV 309 - Impacts of Earth Resources and Natural Hazards on the Environment

(3-0-3)

Prerequisite: ENV 201

This course covers natural processes and their impacts on the environment and human health. Topics include introduction to geological processes, earth origin and structure, plate tectonics, mineral resources, rock cycle and cosmology, oceans, currents and coasts, earthquakes, volcanoes and tsunamis, earth atmosphere, groundwater, climate and weather, glaciers and ice ages, earth resources and energy.

ENV 310 - Biostatistics

(2-2-3)

Prerequisite: SHS 200

This course covers the basic principles and methods of biostatistics. Topics include an introduction to biostatistics, descriptive statistics, data organization and summary, probability, distributions, confidence intervals estimates, hypothesis testing with one, two and more than two samples, power and sample size determination, multivariable methods, non-parametric tests, and data visualization.

ENV 311 - Entomology and Pest Control Management

(3-0-3)

Prerequisite: SHS 103

This course provides a background on insect body structure, classification, and pest control management. Topics include introduction to the class of Hexapoda, external morphology, internal morphology, insects taxonomy, insects orders, insects ecology, insects sampling techniques, environmental and public health issues caused by pests, biological, chemical, mechanical and cultural pest control, and integrated pest management.

ENV 312 - Food Quality and Control
(3-0-3)
Prerequisite: ENV 201

This course covers the concept of food hygiene and its impact on food quality. Topics include introduction to food safety and quality control, food hygiene, food contamination, quality development cycle, food quality management systems, structures, policies and responsibilities, and quality improvement.

ENV 322 - Management of Domestic and Hazardous Wastes
(3-0-3)
Prerequisite: ENV 220

This course covers solid waste and hazardous waste management. Topics include sources and characterization of solid waste, solid waste generation rates, collection, transportation, storage and disposal methods, socioeconomic implications of waste at the community and national levels, treatment and disposal technologies of solid waste, solid waste management planning, waste reduction, recycling, and reuse, collection and disposal of wastewater, types of hazardous wastes, treatment and disposal technologies of hazardous waste components, priorities, risk assessment and management, site redemption, concerns and effects on the public health.

ENV 323 - Indoor and Outdoor Air Pollution
(3-0-3)
Prerequisite: ENV 220

This course covers the fundamentals of air pollution. Topics include an introduction to air pollution, ambient and indoor air pollution, environmental effects of air pollution, health effects of air pollution, scale and complexity of air pollution, source sampling and emission measurement, methods for measuring air pollutants, air quality monitoring, air quality standards and legislations, air pollution control technologies, sustainable air pollution management, and climate change.

ENV 330 - Hydrology and Water Waste Management
(3-0-3)
Prerequisite: ENV 201

This course covers the principles of water and wastewater management. Topics include general overview of hydrology, water demand and water supply sources, surface water and groundwater, chemical, physical and biological characteristics of water, sanitation and water management, water treatment processes, wastewater management, wastewater treatment processes, water reuse in the Arab world, and integrated water resources management.

ENV 416 - Epidemiology
(3-0-3)
Prerequisite: SHS 200

This course covers the basic principles and approaches of epidemiology. Topics include basic epidemiologic principles, epidemiological data measurements, sources of epidemiological data, descriptive epidemiology, epidemiological study designs: experimental, cross-sectional, ecologic, cohort, and case-control studies, bias and confounding, epidemiological approach to causation, screening in public health practice, epidemiologic surveillance and epidemic outbreak investigation, and ethics in research involving human participants.

ENV 417 - Toxicology
(3-0-3)
Prerequisite: BIO 202

This course covers the fundamentals of toxicology. The first part of the course is devoted to Toxic agents in the environment, and occupational setting and their entry routes (cellular penetration); how they act in the body (xenobiotic interaction with biological systems); their effect on metabolism; and their impact according

to different levels of exposure (i.e., their toxicity). The second part of the course is devoted to models of dose-response relationship whereas, the third part of the course gives an overview of tools and techniques for monitoring the work environment and the workers themselves for exposure to hazardous agents, evaluating data, recognizing, assessing, and communicating risks and controlling hazards.

ENV 418 - Marine Pollution

(3-0-3)

Prerequisite: ENV 201

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 the environment and health, toxicity, toxicology, and ecotoxicology, monitoring and abatement of marine pollution, marine pollution control, and future challenges.

ENV 423 - Environmental Management: Theory and Practice

(3-0-3)

Prerequisite: ENV 322, ENV 323, ENV 330 & ENV 418

This course covers knowledge and skills of how companies and organizations will work with sustainability issues and environmental and natural resource management. This course aims to enhance students' understanding of the role of management in any organization in field of environment and how the actors in these firms should interact in each case. Topics include environmental management approaches, principles, issues and challenges, natural resources management, business and sustainability, processes, tools, and standards for environmental management, environmental economics and green economy, global sustainability, operations management and global surveillance of organizations, risk assessment and environmental justice, integrating environmental and natural resource management with the strategies, project management function, methodology, environmental analysis and monitoring, decision and evaluation, corporate organizational structures, and management of environmental health issues.

ENV 424 - Impacts of Climate Change Policy on Environmental Management

(3-0-3)

Prerequisite: ENV 323

This course introduces the students to the implications of climate change policy on environmental management. It provides an overview of climate change impacts, adaptation, mitigation, perspectives, and communication. The course also focuses on the global climate legislation that govern action on climate change and the roles of actors in addressing the impacts of climate change and protecting natural resources through the illustrations of international, regional, and national climate change policy responses.

ENV 425 - Applied Research in Environmental Health Management

(3-0-3)

Prerequisite: ENV 310

This course consists of conducting a research study in the field of Public Health 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.

ENV 426 - Occupational Health and Safety

(2-2-3)

Prerequisite: ENV 416

This course covers the general concepts governing occupational health and safety, and definitions of acceptable levels of hazardous chemical and physical agents in the workplace. It also covers workplace hazard identification and control, risk assessment, safety and health legislations, accident causation and investigation through laboratory experiments, and health and safety management systems.

FIN 202 - Principles of Finance

(3-0-3)

Prerequisite: ACT 112

The primary objective of the course is to develop an understanding of the basic principles and fundamentals around time value of money, introduction to valuation and financial analysis. Topics include introduction to

financial management, time value of money, annuities, financial analysis, bond valuation, stock valuation, and capital budgeting.

FIN 310 - Corporate Finance

(3-0-3)

Prerequisite: FIN 202

The primary objective of the course is to provide an in-depth overview of theories and the methodologies of corporate finance. The first part of the course covers Risk and return-some lessons from capital market history and future consideration, Efficient market hypothesis, CAPM and cost of capital. The second part covers the three key financial decisions which include capital investment, working capital management, and dividend policy.

FIN 320 - Financial Statement Analysis

(3-0-3)

Prerequisite: FIN 202

This course provides an in-depth learning of financial statement analysis at the advanced level. For performing analysis of the financial statements of companies, this course covers different accounting and quantitative analysis tools on the financial and cash flow elements. Topics include understanding balance sheet and income statement, preparing cash flow statement by using different methods and types of off-balance sheet financing, while understanding and interpreting the accounting principles of assets, liabilities, and equities.

FIN 322 - Financial Markets and Institutions

(3-0-3)

Prerequisite: ECO 222, FIN 202

The course examines the financial system. It helps to have a basic understanding of the banking system. The other covered topics include, assets supply and demand, interest rate determination, stock and bond markets, exchange rates, the money creation process, the relationship between money, inflation, and monetary policy. Although the module is about financial systems in general, there will be reference to contemporary financial crisis and to their historical antecedents. The course links the fields of macro-economics and finance. It also focuses on understanding monetary policy, fiscal policy and their impact on the money supply, interest rate, aggregate demand, and the financial system.

FIN 331 - Portfolio Management

(3-0-3)

Prerequisite: FIN 202 & FIN 310

This course covers the portfolio analysis of a group of securities. The Mean Variance Portfolio Theory is introduced including its application in determining the properties of efficient and optimal portfolios. An overview of equity portfolio management is given including passive/active management approaches. The importance of capital market expectations is laid out as part of strategic asset allocation. Portfolio performance evaluation tools are evaluated. Different security market indices are finally covered including return estimates and how indices can be used in portfolio management.

FIN 332 - Investment Analysis

(3-0-3)

Prerequisite: FIN 202 & FIN 310

This course introduces the important characteristics of the financial markets in which equities, fixed-income instruments, derivatives, and alternative investments trade. It introduces the student to the world of investment finance, and how finance models such as CAPM, stock and bond valuation, technical analysis, and macroeconomic and industry analysis can be used in financial decision-making. This course will complement the use of Excel where models would be applied, including synchronizing them together using real financial data as part of making investment decisions.

FIN 401 - Internship in Accounting and Finance

(3)

Prerequisite: 90 credits hours + Minimum CGPA 2.0

An internship experience provides the student with an opportunity to explore career interests while applying knowledge and skills learned in the classroom in a work setting. The experience also helps students gain a

clearer sense of what they still need to learn and provides an opportunity to build professional networks.

FIN 440 - Investment Fund (2-2-3)

Prerequisite: ECO 222, FIN 310, FIN 331 & FIN 332

The course aims at providing students with a practical experience in the management of an investment portfolio. In this course, students will be responsible for managing fictitious funds using real-time data from Factset. They will be acting as an investment committee and taking the responsibilities of financial analysts and portfolio managers. Students will complete tasks such as macroeconomic analysis, fundamental security analysis, stock pitch, portfolio strategies, and asset allocations.

FIN 480 - Financial Derivatives (3-0-3)

Prerequisite: FIN 310 & FIN 332

The main objective of this course is to provide the student with the necessary skills to value and apply options, futures, forwards, and swaps. Topics that will be covered include hedging strategies using futures, mechanics, and properties of options markets, trading strategies using options, binomial trees and Black-Scholes-Merton option pricing models, and interest rate swaps. An overview of the biggest losses in derivatives markets will also be covered towards the end of the course.

FSN 101 – Textiles (3-0-3)

Prerequisite: None

This course is an introduction to textiles and fibers: the general concepts of durability, comfort and care are related to the serviceability of fibers, yarns and fabric construction. In the laboratory time the students examine and compile a book of fabric samples, which illustrate the concepts discussed in the lecture.

FSN 132 - History of Art I (3-0-3)

Prerequisite: None

Tracing the broad development in art, design and architecture from the classical period through to the Renaissance, this course will offer an analytical survey of images, objects and buildings that seeks to explain the historical, cultural and social contexts of the production of art broadly defined and to offer a means of understanding stylistic change and its meanings.

FSN 199 - Fashion: The Industry (3-0-3)

Prerequisite: None

This course is an overview of fashion, from its history, cyclical nature and development to the materials, producers, and retailers who impact the business on a global level. The latest industry trends impacting the people, principles, practices, and techniques of fashion business will be explained.

FSN 200 - Fashion Studio (3-0-3)

Prerequisite: None

This studio course allows students to experience and test a range of fashion practice models. Research, design methods, production techniques, presentation and communication of the studio work and ideas will be the focus of the studio course. The studio content will be based on concepts, techniques or a specific genre of fashion practice. Each studio offering will include aspects of design development, communications and how to realize prototypes.

FSN 203 - History of Design (3-0-3)

Prerequisite: None

This course introduces students to the study of design history in its cultural context. It will provide an interdisciplinary appraisal of design history and offer an exploration of the supporting social and cultural infrastructure of design. The course will encourage an analysis of design and thereby help to create an understanding of past, present, and future design progression. Students will be encouraged to use.

Design History as a means of understanding current cultural design contexts and as a means of understanding the global implications of contemporary design production.

FSN 223 - Fashion Concepts and Theory

(3-0-3)

Prerequisite: None

This lecture course introduces students to the study of fashion within an interdisciplinary context. It will examine issues such as diversity, identity, aesthetics, consumption, authorship and new media and place these within a sociological, cultural, historical and business context. Fashion will be examined in relation to media and marketing, health and well-being, globalization and culture, and the arts.

FSN 400 - Fashion in International Markets

(3-0-3)

Prerequisite: FSN 199 & FSN 223

This course will focus on the background of trade in textiles, the complexities of international marketing in fashion and apparel sector. Economic, political, historical, cultural and business trends will be explored to determine the issues facing a fashion marketer in today's global business environment. A framework for analysis of identification of opportunities will be the focus of this course with the development of an appropriate export business plan.

GED 101 - Applications of Computer Software

(2-2-3)

Prerequisite: None

This course introduces students to basic computer fundamentals and terminologies. Students get a thorough hands-on experience and practice the most common commercial software applications in the labs including Microsoft Windows Operating System, Microsoft Office tools (Word, Excel, and Access). Emphasis is given on the use of Spreadsheets and Databases, and their application to the corporate and business world.

GED 102 - AI in Modern Life

(3-0-3)

Prerequisite: None

This course provides a broad, interdisciplinary introduction to Artificial Intelligence (AI) for students from all academic backgrounds. It explores the origins, principles, and societal implications of AI technologies, examining how they affect our everyday lives, from healthcare and education to entertainment and communication. Emphasis is placed on ethical questions, privacy concerns, creativity, and the future of work and human identity in an AI-driven world. No technical background is required.

GED 103 - Head Anatomy Sculpture

(2-2-3)

Prerequisite: None

This course provides an in-depth introduction to head anatomy sculpture within the context of the GED program. It is designed to equip students with both the technical skills necessary to create their own sculptures and a comprehensive understanding of the anatomical structures of the head, including bones, facial muscles, neck and skin. The curriculum emphasizes the development of three-dimensional visualization skills specific to the human head, guiding students through a structured, step-by-step sculpting process. This course is particularly suited for individuals pursuing expertise in art, medicine, or personal enrichment. Students will progress from foundational anatomical knowledge to the completion of a fully realized head sculpture. Additionally, the course will introduce precise anatomical terminology, enabling students to articulate their artistic and scientific objectives effectively.

GED 106 - Smart Decisions: Data Literacy and Visualization

(2-2-3)

Prerequisite: None

Data Literacy for Everyday Decisions is a general education course that equips students to understand, work with, and communicate data effectively in everyday life, academics, and professional settings. Students will learn to collect, organize, analyze, visualize, and present data using tools such as Microsoft Excel, Microsoft Forms, and other digital platforms. Core topics include data fundamentals, descriptive and diagnostic analysis, data storytelling, and detecting misinformation. The course combines lectures, hands-on labs, real-

world case discussions, quizzes, and a final project to develop practical skills in critical thinking, digital literacy, and data-informed communication.

GED 110 - Modern Art Appreciation

(2-2-3)

Prerequisite: None

Modern Art Appreciation' is a broad-based (1) theoretical and (2) practical course. It focuses on (1) visual theory, the major modern art movements, such as The Origins, The Islamic Art, The Renaissance Art, The Modern (19th century) Artistic Movements. (2) In addition, students will identify various styles within Modern Art Movements and apply this knowledge in studio and class assignments.

GED 111 - Music Appreciation and Communication

(3-0-3)

Prerequisite: None

This course is designed to acquaint students with the elements of music and the primary musical periods of classical music. In addition understanding the value of music as part of mass communication and media. Students will have a brief overview of the major composers and their music through class lectures, listening to musical examples in class, reading the text, listening to musical examples provided on the student CD's or recordings, actively engaging in class discussions, attending live concerts of suggested performances, and completing research papers and/or oral presentations pertinent to the course material.

GED 112 - Using Positive Psychology at Work

(3-0-3)

Prerequisite: LNG 172

This advanced psychology course invites students to explore the emerging field of Positive Psychology with a focus on the workplace. Students will learn about the science of happiness by exploring theory and concepts relative to a state of well-being, such as the architecture of sustainable happiness, adaptation, broaden and build theory and flow. The second part of this class will focus on the application of theory in the workplace as well as in one's personal life. Students will be invited to engage in several positive psychology interventions (PPIs), such as generating positive emotions to improve creativity, relationships with coworkers, and work performance. How these techniques are currently being used within organizations to increase employee retention and job satisfaction will also be reviewed through the identification and evaluation of two corporate wellness programs. Students should be aware that there is a significant amount of reading involved. Failure to keep up with the readings will result in poor academic results.

GED 125 - Ecosystem and Human Health

(3-0-3)

Prerequisite: None

This course introduces the key concepts of human health, emphasizing how they are related and the implications of this relationship to human wellbeing. Topics related to the definition of health, healthy behaviour, stress, nutrition, physical activity, addiction, infectious and non-infectious disease, and environmental health will be covered in this course.

GED 132 - Science and Technology in Society

(3-0-3)

Prerequisite: None

This course examines the aims, methods and consequences of scientific enquiry in human history, including the impact of scientific and technological advances on societies, cultures and political systems. The course also discusses some of the philosophical disputes prompted by those advances and the political and their ethical implications on societies.

GED 150 - Foundations for Community Engagement and Social Work

(3-0-3)

Prerequisite: None

This course is designed to develop practice knowledge and skills necessary to begin professional social work practice, while introducing you to the values, philosophies and knowledge base integrated into social work practice. The course will assist you in the early development of skills such as: self-awareness, personal values, professional values, communication, observation, building professional relationships, and identification and

analyses of ethical dilemmas. Specific emphasis will be given to developing a sense of professional identity, responsibility and basic practice skills with individuals, families and communities.

GED 196 - Communication Skills in Arabic

(3-0-3)

Prerequisite: None

The course aims at developing the basic skills of Arabic for non-native speakers. It covers the four language skills of modern standard Arabic (writing, reading, listening and speaking). Special emphasis is placed on the skills needed for basic daily communication.

GED 190 - Emirati Studies

(3-0-3)

Prerequisite: None

The course covers a wide range of topics related to the United Arab Emirates in the contemporary era, focusing on introducing the student to the theoretical and empirical aspects that define political life in the country. It also sheds light on the country's position in the international arena and its performance in global competitiveness. The course also delves into Emirati society's values, essential heritage, and efforts to develop the Emirati people and foster their contributions to the betterment of the society, emphasizing their crucial role in shaping the country's future. The course also highlights significant achievements in vital national fields, showcasing the UAE's efforts in furthering human competencies and striving towards the future, the goals of empowering women and achieving development, and the unique features of the UAE's cultural and literary richness. The course also addresses issues of priority for prudent leadership, including meeting food security requirements and ensuring community safety and prosperity through efforts to enhance community health, improve wellbeing practices, the country's pioneering pursuits in environmental sustainability, and efforts to achieve technical development and employ its achievements in various fields.

GED 191 - Islamic Studies

(3-0-3)

Prerequisite: None

This course deals with the concept of Islamic culture, its importance, its main characteristics, its resources, and components. The course presents the most important values that Islam focuses on, such as knowledge, mercy, peace, citizenship, and the values of tolerance. The course discusses the most important challenges facing society, such as family challenges, the phenomenon of extremism, and the violence that may impact the intellectual security. In addition, it discusses its influence on human life.

GED 205 - Psychology for Everyday Life

(3-0-3)

Prerequisite: LNG 172 or LNG 182

An introduction to concepts and principles of selected areas of psychology and their applications to daily living. The aim is to foster students' understanding of the self and its interactions with the environment. Topics include: research in psychology, basic neuro-psychology, theories of learning, memory, motivation, development, intelligence, health, and social psychology.

GED 255 - Critical Thinking and Problem Solving

(3-0-3)

Prerequisite: LNG 172 or LNG 182

In the age of uncertainty and with the growing fear that AI tools might hamper the development of critical thinking and problem-solving skills, students' need to sharpen these skills is crucial. This course aims to help students utilize critical thinking skills to approach problems and evaluate evidence to develop solutions and draw informed conclusions. It prepares students for real-world experiences where they need to propose or implement solutions considering multiple contextual factors. These processes involve critical, digital and data literacy.

GED 272 - Fundamentals of Public Speaking

(3-0-3)

Prerequisite: LNG 172 or LNG 182

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 of others, or evaluating information and solutions in the process of accomplishing a group task.

GED 298 - Special Topics in Western Culture

(3-0-3)

Prerequisite: GED 198 & LNG 172 or LNG 182

Field Study – English Language and Canadian Culture: The course will allow students to enhance their English language skills and develop a firm understanding of Canadian culture and history. The field course will see students spending 4 weeks at the University of Ottawa located in Canada's Capital region where they will study intensive English, and also, through a series of lectures and seminars, learn about Canadian history and culture. Complementing the course will be an extensive schedule of cultural excursions aimed at exposing students to life in Canada.

GED 324 - Ethical Reasoning for Today's World

(3-0-3)

Prerequisite: LNG 172 or LNG 182

This course includes two aspects: On the one side, it examines the theories, skills and applications of moral philosophy, including a description and a discussion of the three influential approaches to morality, namely: character ethics, consequences-based ethics, and principle based ethics. Some topics are: an introduction to ethics and morality, consequentialist and non-consequentialist ethics, character/ virtue ethics, models of justice, and being a good citizen. On the other hand, the course is devoted to developing abilities to practice ethical reasoning. The focus is set on the American 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 reasoning.

GED 330 - Introduction to Canadian Studies

(3-0-3)

Prerequisite: None

This course introduces students to an interdisciplinary study on Canada, including topics on Canadian culture and society, the languages of Canada, Canadian literature, media and communications, Quebec, Acadians and indigenous peoples, agriculture in Canada, natural resources and geography of Canada, the history of Canada, Canadian government and politics, and legal traditions. It also compares and contrasts political, economic, and social differences between Canada and the United States of America.

HA 301 - Health Information Systems

(3-0-3)

Pre-requisite: HOM 101

This course introduces the students to health information systems. It covers aligning the health information system to healthcare strategies, discussing crucial elements that enable health information technology to operate effectively and efficiently, and examining crucial health information technology capabilities that can help deliver value to healthcare organizations. The course also covers the role of HIS in digital health: telemedicine, mobile health, and artificial intelligence.

HA 310 - Healthcare Quality

(3-0-3)

Pre-requisite: HOM 101

This course covers advanced healthcare quality. It examines the methods and tools for managing quality in health facilities, including evolution of quality in healthcare, appropriate implementation process of quality initiatives in healthcare, role of quality in patient care, quality improvement, and patient satisfaction. Topics

include total quality management in healthcare, tools for quality improvement in healthcare, and elements of quality improvement plan.

HA 314 - Performance Improvement in Healthcare: Measurement and Management (3-0-3)

Pre-requisite: None

This course covers process management and performance measurement in healthcare. Topics include performance improvement cycle, clinical indicators, non-clinical indicators, benchmarking, reporting, behavioural change, and selected statistical applications relevant to performance improvement.

HA 320 - Health Policy and Governance (3-0-3)

Pre-requisite: SHS 102 & SHS 200

This course introduces the students to health policy. Topics include health policy framework, the policy process, overview of the healthcare system, the role of public health institutions in health policy, essential issues in health policy, health economics in a health policy context, health reform, public health preparedness policy, and policy analysis.

HA 330 - Medical Coding (3-0-3)

Pre-requisite: HA 301

This course introduces the students to medical coding with the focus on the students gaining practical skills in medical coding. The course 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.

HA 400 - Internship in Health Administration (3 Credits)

Prerequisite: 81 Cr. Hrs. & CGPA ≥ 2.0

The internship provides departmental students with the opportunity to apply their knowledge in the areas of Health Administration. They are expected to investigate and analyse practical public health issues, problems, or challenges, and ultimately participate in decision-making. Students will explore health related entities. The internship course experience aims to prepare students to discover different tasks of their future professional career.

HA 425 - Applied Research in Health Administration (3-0-3)

Prerequisite: ENV 310

This course consists of conducting a research study in the field of Public Health 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.

HA 450 - Healthcare Finance and Insurance (3-0-3)

Pre-requisite: ACT 112

This course covers the principles of healthcare finance and insurance. Topics include the distinction between expenses and cost, distinction between direct and indirect cost, fixed, variable and semi-variable costs, financial statements and financial ratios relevant to healthcare organizations, payment methods of healthcare organizations including insurance payments. The course also discusses the best financial strategy to deal with healthcare finance and insurance.

HOM 101 - Fundamentals of Healthcare Management (3-0-3)

Prerequisite: None

This course presents an introduction to the practices and concepts of management and their applications in healthcare. Topics include concepts of management, special characteristics of healthcare management, role and responsibilities of the healthcare manager, organization and change management, planning healthcare facilities and management of processes, human resource management, material management, financial

management, total quality management, waste management, marketing healthcare services, marketing healthcare services, health management organizations, and future trends in health management.

HOM 320 - Hospital Management

(3-0-3)

Pre-requisite: HOM 101

This course covers macro- and micro- management operations within healthcare institutions. Topics include healthcare organizations, accessing health care, physician organization and management, nursing organization and management, management and financial services, pharmacy services, food and nutrition services, housekeeping and environmental services, safety and security, legal services, planning and management of emergency services, of health information, of ambulatory services, imaging, pathology, and rehabilitation services.

HOM 322 - Health Education and Promotion

(3-0-3)

Prerequisite: SHS 200

This course covers the major theories of health behavior and health promotion. It focuses on the application of health behavior theories to health promotion and education practices. Topics include health behavior change theories and models, program planning models, the applications of behavior change to health issues such as smoking, obesity, and lack of physical activity, and health education. In addition, the course covers practical applications of health promotion.

HOM 414 - Accreditation for Healthcare Organizations

(3-0-3)

Prerequisite: HOM 320

The course covers the process of accreditation of healthcare organizations. Topics include accreditation concept and accreditation agencies, international accreditation standards for hospitals, patient-centered standards, healthcare organization management standards, family rights, Assessment of patient, health care organization management standards, quality management and improvement, prevention and control of infections, governance, leadership and directing, staff qualification and education, accreditation process.

HRM 202 - Performance Management

(3-0-3)

Prerequisite: HRM 210

This course provides students with a comprehensive understanding of the principles, strategies, and techniques involved in effectively managing employee performance within organizations. Students will explore the key components of performance management, including goal setting, performance measurement, feedback, coaching, and performance appraisal.

HRM 210 - Human Resource Management

(3-0-3)

Prerequisite: MGT 202 for BBA | HOM 101 for BScPH

This course is designed to introduce the fundamental issues associated with Human Resource Management (HRM). An examination of the major topics related to HRM and current issues are addressed to better understand the important role of human resources as a source of competitive advantage for organizations in today's ever-changing environment.

HRM 260 - Conflict Management

(3-0-3)

Prerequisite: HRM 210

This course introduces students to the theories, principles, and practical strategies for effectively managing and resolving conflicts. Through a comprehensive exploration of conflict resolution models, communication techniques, and negotiation strategies, students will develop the skills necessary to navigate conflicts in various settings, including personal relationships, workplaces, and community contexts.

HRM 303 - Staffing

(3-0-3)

Prerequisite: HRM 210

This course delves into the theory, principles, practices, and legal requirements essential for effective recruitment, placement, and selection across various organizational settings. It equips students with strategic approaches to human resource planning, ensuring an optimal balance of skills and capabilities within an organization. Key topics include workforce planning, job analysis, talent acquisition, assessment methods, compliance with employment laws, and the integration of diversity and inclusion practices. Through this comprehensive exploration, students will be prepared to design and implement staffing strategies that align with organizational goals, enhance performance, and support a dynamic and inclusive workplace.

HRM 321 - UAE Labour Law and Relations

(3-0-3)

Prerequisite: HRM 210

This course explores how UAE labor laws regulate the legal aspects of employer-employee relations, attempting to identify the economic and regulatory influences that have shaped UAE labor laws. Students will become familiar with the history, nature, source, function, effects, and application of labor laws. The rights and responsibilities of both employers and employees will be examined. Students will learn skills to assist with settlement of workplace disputes. An understanding of how to apply laws in particular employment-related situations will be attained through case studies and in-class activities.

HRM 370 - Compensation Management

(3-0-3)

Prerequisite: HRM 210 & QBA 201

This course examines essential concepts and practices in the compensation management field, covering theoretical frameworks, the equal pay in the UAE, and methodologies for developing and administering effective compensation programs. Additionally, students will explore current trends in compensation management and the best practices used by multinational organizations to ensure equitable and competitive compensation strategies.

HRM 401 - Internship in Human Resource Management

(3-0-3)

Prerequisite: 90 credits hours + Minimum CGPA 2.0

An internship experience provides the student with an opportunity to explore career interests while applying knowledge and skills learned in the classroom in a work setting. The experience also helps students gain a clearer sense of what they still need to learn and provides an opportunity to build professional networks.

HRM 410 - Human Resource Development

(3-0-3)

Prerequisite: HRM 370

This course offers the study of theory and practice of human resource training and development applied to organizational settings. Through this course, the students will be oriented on the basics of training through the conceptualization of training needs assessment, designing, developing, implementing, and evaluating of training programs.

HRM 421 - Special Topics in HRM

(3-0-3)

Prerequisite: HRM 210, HRM 303, HRM 321, HRM 370

Global organizations have evolved dramatically and radically over the last ten years—and so has the role of human resources management (HRM). As a strategic partner, HRM has enabled organizations to develop new policies and procedures that address the challenges facing organizations in the 21st century: globalization, changing demographics, technology, innovation, and continuous change. Thus, this course is designed to provide students with an in-depth understanding of the most current trends in HRM and how these changes benefit organizations and provide them with competitive advantage.

HRM 440 - International Human Resource Management

(3-0-3)

Prerequisite: HRM 210

This course is an introduction to the critical issues facing organizations in simultaneously managing their human resources at home and abroad. It focuses on the connection between corporate strategies and the effective management of human resources.

HRM 470 - Strategic Human Resource Management

(3-0-3)

Prerequisite: HRM 202, HRM 370 & HRM 410

This course exposes the students to the intersection of HR management, business, and competitive strategies. It introduces the students to the key “core competency” areas necessary to become successful managers of human capital.

IDF 100 - Elements and Principles of Design

(3-0-3)

Prerequisite: None

This course focuses on the elements and principles of design. As ordering systems, the aim is to enhance students’ knowledge and technical skills relating to their meanings, the parameters involved, the interpretations and their manifestations in natural and man-made contexts. It touches on their roles in the complex nature of design as a creative process and as a product with the objective to achieve a change in the environment and in people’s lives. A parallel emphasis is placed upon exploring the varied approaches towards each principle in view of contemporary positions. The line, texture, color, light will be investigated together with the main principles such as balance and proportion. Students will achieve the required competencies through lectures, readings and hands-on analytical exercises. The exercises will cover published and real settings. They will progress from the analysis of natural contexts to that of 2D and 3D man-made formulations with a focus on selected elements and principles progressively.

IDF 200 - Introduction to the World of Design

(3-0-3)

Prerequisite: None

This lecture course introduces interior design as an integrated industry as well as a highly creative discipline. Students will explore contemporary design in its socio-economic, environmental and cultural contexts. Residential, hospitality and corporate environments, as well as strategic retail applications will be studied in a global perspective.

IDF 250 - Contemporary Art and Design

(3-0-3)

Prerequisite: None

This introductory course in the evolution of art and design examines visual and material culture studying the past one hundred years within the context of constructions of identity and place. It provides background for a study of the design disciplines. Areas covered include art, architecture, interior design, furniture, graphic design and industrial design. The research method of Evidence Based Design is introduced to direct the process of decision making relative to the built environment.

IDF 300 - Strategic Thinking and the Deep Dive

(2-4-4)

Prerequisite: IDF 100, IDF 200 & IDF 250

This hands-on course in design methodology and process introduces students to collaborative problem solving in a design context. The aim is to enhance knowledge about the varied models of the design process, the stands on the quality of design outcomes and their corresponding links to contemporary design positions. On the detailed level, it aims at developing the skills of analyzing design problems and of formulating unique design responses to them. Emphasis will also be placed on the conventions and requirements of each design stage. The course will progress with theoretical input in parallel with analysis and design formulation exercises. These will cover the analysis of past design products, identifying the tangible and intangible dimensions of design problems and formulating design responses in view of prescribed criteria of appropriateness. It will progress from 2D and 3D abstract formulations into 3D functional problems. It will touch on thematic approaches, mind mapping, diagramming and storyboarding techniques used in generating and communicating conceptual directions for products, services or

experiences. Development of communication and presentation techniques, research, critical and conceptual modules are also taught.

IDF 301 - Leaping Fences: New Directions in Design

(3-0-3)

Prerequisite: IDF 100, IDF 200 & IDF 250

This advanced course will examine the nature of creativity and the cultural implications of the creative act through lectures, reading, seminars and field trips. Students will investigate the boundaries of interior design and related design professions such as art, architecture, graphic and industrial design, film and virtual environments.

IDF 309 - Sustainable Design

(3-0-3)

Prerequisite: None

What is sustainable design? It is a moving target. Health has always been a key part of the picture, but often took second billing to energy saving. This class examines sustainable design through the lens of health and wellness relative to the built interior environment. Students review and write a report from current publications focused on global sustainability.

(www.greendesignrsid.blogspot.com)

The class will apply the categories of the commercial WELL Building Standard to residential uses and publish as a document on the class website.

IDM 401 - Smart Manufacturing Systems

(3-0-3)

Prerequisite: ENG 316

This course provides an overview of smart manufacturing systems, focusing on the integration of advanced technologies such as data analytics, cloud computing, industrial internet of things (IoT) and automation in manufacturing processes. Students will learn about the design, implementation, and management of smart manufacturing systems to improve efficiency, productivity, and sustainability.

IDM 402 - Smart Supply Chain Management

(3-0-3)

Prerequisite: ENG 316

Smart Supply Chain Management is the strategic coordination of business functions across a company and its supply chain partners to improve the long-term performance of both the company and the supply chain. This course explores key concepts such as logistics, procurement, inventory management, and demand forecasting. It emphasizes the integration of information and material flows across suppliers, manufacturers, distributors, and retailers. Students will learn to design, analyze, and optimize supply chains using both qualitative and quantitative methods. Real-world case studies and modern tools are used to develop practical decision-making skills.

IDM 403 - Production Planning and Control

(3-0-3)

Prerequisite: MEC 415

Production Planning and Control focuses on the systematic design, implementation, and management of production processes to ensure efficient utilization of resources and timely delivery of products. The course covers essential topics such as demand forecasting, capacity planning, inventory management, scheduling, and workflow optimization. It emphasizes the coordination between various functions including materials, labor, and equipment to achieve production goals. Students will learn to apply analytical tools and techniques for planning, monitoring, and controlling manufacturing operations.

IDM 404 - Industrial Safety and Risk Management

(3-0-3)

Prerequisite: MEC 323

This course provides a comprehensive understanding of safety standards, risk management techniques, and hazard identification in industrial settings. It emphasizes the importance of safety regulations, accident prevention, and the development of safe working environments.

INB 300 - International Economics

(3-0-3)

Prerequisite: ECO 222

This course analyses the economic interdependence of national economies both in trade and finance. Students learn trade theories to explain the reasons for the pattern and gains from international trade, as well as the effects of trade restrictions. Empirical evidence is introduced to support the theories. The policy developments in developing and the developed nations are compared and discussed during the course. In international finance, balance of payments, exchange rates and related open-economy macroeconomics are covered. Topical issues in international trade such as environmental concerns and trade, and the role of international agencies (such as the IMF/WTO) is discussed.

INB 330 - International Finance

(3-0-3)

Prerequisite: FIN 202

This advanced finance course focuses on understanding the challenges of operating internationally, assessing the major economic players in the foreign exchange market, including determination of exchange rates, managing operating and transaction foreign exchange exposures. As part of risk management tools, foreign currency derivative instruments are discussed and applied. In addition, multinational capital budgeting issues are evaluated as part of a firm operating internationally.

INB 360 - International Business

(3-0-3)

Prerequisite: MGT 202

This course focuses on the environment of international business, the differences between domestic and international business, globalization issues, cultural and societal, economic and legal environment, import and export trade, entry modes, regional economic integration, emerging markets, financial institutions, marketing and management strategy with a focus on the UAE's role as a major global trade hub. The institutional and competitive environment and managerial challenges of firms engaged in international business. It considers the activities of multinational enterprises and government policies toward them, drawing policy implications for the management of these enterprises. It also covers international trade theories, foreign direct investment, international financial institutions, differences in political economy and culture, barriers to trade, foreign exchange, business-government relations, and the strategic alternatives available to companies operating in the global economy. The conduct of international business transactions, including terms of sale (INCOTERMS), financing arrangements, means of payment, credit insurance, shipping and insurance issues, support services, and trade facilitation.

INB 401 - Internship in International Business

(3)

Prerequisite: 90 credits hours + Min CGPA 2.0

An internship experience provides the student with an opportunity to explore career interests while applying knowledge and skills learned in the classroom in a work setting. The experience also helps students gain a clearer sense of what they still need to learn and provides an opportunity to build professional networks.

INB 410 - International Management

(3-0-3)

Prerequisite: MGT 202

International management is increasing in importance in today's global business landscape as enterprises of all sizes expand their operations worldwide. This course examines the international dimensions of management including internationalization of the firm, globalization of industry, international strategy frameworks, strategy implementation requirements, management of relationships with host nations, cross-cultural management and international human resource management. More specifically, it explores how decision makers in business and government settings manage the process and outcomes of negotiations, cross-cultural negotiations in a global business environment. Emphasis on decision-making in the face of rapidly changing international conditions, cross-cultural analysis of management theory and practice in select countries and regional markets, challenges confronting modern multinational enterprises in organizing cross-border activity that spans multiple stages of the value chain.

INB 420 - Business Law
(3-0-3)
Prerequisite: MGT 231

This course presents students with concepts of international business law, addressing issues that affect the international community as a whole, such as international security, human rights, and global trade. It explores the concept that international law is highly contingent upon historical, political, and social contexts. Students will investigate the similarities and differences between domestic laws based on contracts, statutes, and constitutions and international laws based on treaties, conventions, and customs. Students will practice different modes of analysis, negotiation, and advocacy in simulations addressing typical challenges and tasks that a business person may face in the international arena.

INB 421 - International Trade and Policy
(3-0-3)
Prerequisite: INB 300 & INB 360

Trade Policy is complex nexus of economic theory, economic conditions and trends, domestic and international politics and institutions, domestic business interests and civil society. The course examines a range of issues in international trade and policy, determinants of a nation's trade policy, the theories and institutions that drive international trade policy, UAE trade policy, basic law and economics of modern international trade, including WTO-related issues, trade balances and imbalances, tariffs, trade remedies, global supply chains, global outsourcing, the moral case for free trade, regardless of its economic or political benefits. Specifically, the course examines the interrelationship between international trade theory, policy development, and policy enforcement.

INB 425 - Cross Cultural Communication and Management
(3-0-3)
Prerequisite: MGT 202

Concentrating on business and management, this course gives an intellectual and experiential forum for developing the interpersonal intercultural communication and interaction abilities necessary for international managers. This course provides students with an understanding of how managing the cultural differences in an international context and how competitive advantage can be gained through effective cross-cultural management. While learning how to distinguish cultural aspects of verbal and nonverbal behavior of persons from various cultures, students come to recognize cultural differences that can cause challenges in management situations. Students will acquire detailed expertise in managing a wide variety of cultural situations, challenges, and paradigms, thus learning practical skills that will be useful for their own personal and professional development on an international level.

INB 430 - Export Management
(3-0-3)
Prerequisite: MGT 202

Concentrating on international business challenges, this course explains the basics of exporting as a mode of international value chain process identified as an international business opportunity. The course illustrates the complexities of how the exporting process, procedures and documentation work. This course provides students with a platform to critically conceptualize the operational, analytical, and strategic challenges faced during export management. It covers the analytical aspects of international business and improves students' capability to apprehend and apply export management knowledge to design an export plan. Students learn the details of the export plan consisting of business challenges, cultural differences, export documentation, payment methods, financing options and cross-border legal constraints. The course is designed to enhance students' understanding and theoretical expertise in systematically identifying and managing various international business opportunities and challenges.

INB 440 - Managing a Global Workforce
(3-0-3)
Prerequisite: HRM 210

This course focuses on the critical issues facing organizations in simultaneously managing their human resources at home and abroad dealing with global challenges and opportunities. The course covers cultural

foundations of international HRM, MNC strategy through international HRM, global resource planning, global staffing, global learning and development as well as global workforce performance management.

INB 450 - International Accounting

(3-0-3)

Prerequisite: ACT 212

This course provides students with a broad perspective of international accounting and reporting issues that multinational corporations face. The course covers nature of international operations, international financial markets; diversity of financial reporting; consolidation of financial statements of multinational companies, comparative accounting systems, international efforts to harmonize financial reporting, and other reporting issues facing multinational corporations. The course also addresses how to reconcile differences among international accounting standards and other alternative accounting systems.

INB 480 - Global Business Strategy

(3-0-3)

Prerequisite: INB 300, INB 330, INB 420 & INB 450

This course on Global Business Strategy delves into the complexities of crafting and executing corporate strategies in an international context, providing students with theoretical and practical insights into the strategic and organizational challenges of multinational management. Covering topics such as global market analysis, competitive strategy, and cross-cultural negotiations, the curriculum uses case studies, discussions, and simulations to explore real-world scenarios. Students will learn to assess global opportunities, develop strategic plans that consider diverse international dynamics, and lead effectively across cultural boundaries, all while emphasizing ethical decision-making and corporate responsibility.

IND 201 - Studio 3 – Interior Design & Materiality

(3-6-6)

Prerequisite: DES 102, DES 120 & DES 123

This studio course emphasizes the integration of materiality, construction, and spatial design in interior design. It explores how construction techniques impact the formal and functional aspects of interior spaces, guiding students through specialized design challenges, particularly small-scale residential or public interiors. Through Pre-Design, Schematic Design, and introductory Design Development stages, students learn to incorporate material and construction constraints into their design process. Instruction includes lectures, presentations, critiques, and site visits, providing a comprehensive understanding of construction's role in shaping interior environments.

IND 202 - Studio 4 – Residential Design

(3-6-6)

Prerequisite: IND 201

This course is focused on residential design, connecting early design challenges with advanced projects. The course enhances students' design thinking by immersing them in the study of residential dwellings from an integrated perspective. Students learn to explore residential typologies as reflections of societal, economic, and environmental influences while developing skills in space planning, material finishes, and structural considerations. Students will acquire essential design skills through course completion, including client analysis, programming, and material selection. Assessment involves problem analysis, case studies, concept formulation, schematic design, and design development. Successfully finishing the course prepares students for advanced studios like Studio 5: Institutional/Corporate Design and Studio 6: Commercial Design, where they will continue to refine their design skills and address more complex challenges in interior design.

IND 211 - Materiality and Interior Construction

(2-2-3)

Prerequisite: DES 102 & DES 120

IND 211 explores the integral role of materiality in shaping user experiences and enhancing interior design through aesthetic, functional, and sustainable perspectives. The course equips students with essential knowledge of interior construction, material properties, and feasibility, emphasizing their impact on human well-being and environmental considerations.

Students develop skills in selecting, specifying, detailing, and scheduling materials and finishes, considering functionality, user needs, and design intent. Through hands-on exploration, they gain proficiency in interior design terminology, material evaluation, and the relationship between interior components and finishes. By bridging design concepts with construction realities, IND-211 lays a foundation for advanced coursework in interior working drawings, fostering informed design decisions that integrate materials and construction seamlessly.

IND 220 - Research and Design Applications

(3-0-3)

Prerequisite: LNG 172 & IND 201

This course is designed to cultivate critical thinking and research skills vital for interior designers. The course begins by exploring people's needs and the spatial patterns that address them, focusing on developing skills in questioning, abstract thinking, and interpreting information within design processes. It follows environmental behavior theories and evidence-based design principles to examine the relationship between research and design, covering methodology, objectives, structure, and implementation. The course helps students document and analyze precedents, identify patterns, and transform abstract ideas into measurable attributes. Students learn to narrow down broad topics into specific, researchable problems, formulating research questions and appropriate methodologies to tackle them effectively. As a foundational course in research competencies, it prepares students for further development in subsequent semesters. Students acquire the skills needed for rigorous research in their interior design practice through lectures, discussions, practical exercises, and assignments.

IND 301 - Studio 5 – Institutional/ Corporate Design

(3-6-6)

Prerequisite: DES 223 & IND 202

This is the second course in the advanced interior design studio sequence, focusing on institutional and corporate interiors. It enhances advanced design thinking by helping students grasp the unique qualities of spaces that express an institution's or corporation's identity. Students will develop the skills to create effective design solutions tailored to these environments by exploring spatial and technical requirements. The course encompasses the entire design process, from pre-design to construction documentation, preparing students for the next stage in Studio 6: Commercial Design. Assessments include case studies, exploration of design contexts, and the development of innovative proposals. Students will ultimately prepare comprehensive construction documents that convey their design vision. This rigorous studio experience will refine their skills and equip them for successful careers in interior design, ensuring they are well-prepared to tackle the challenges of institutional and corporate settings.

IND 302 - Studio 6 – Commercial Design

(3-6-6)

Prerequisite: DES 214 & IND 301

This course is the final studio in the interior design sequence, emphasizing the technical aspects of commercial design. Its goal is to enhance advanced design thinking by integrating conceptual and functional elements with building systems, finishes, and furniture. The course guides students through the integrated design process, focusing on stages such as Design Development and Construction Documents. Students refine design briefs and create holistic interior solutions while addressing environmental systems, code analysis, and materials selection. As students prepare for advanced studios, they leverage knowledge from concurrent courses on Lighting, Acoustics, and Building Code, progressing through pre-design analysis, concept and schematic design, and final detailed design. The course culminates in a comprehensive project set within a business or retail environment. It incorporates varied instructional methods like lectures, critiques, and site visits to equip students with the practical skills and knowledge needed for success in interior design.

IND 332 - Human Comfort & Environmental Systems

(2-2-3)

Prerequisite: IND 202

IND 332 is a comprehensive course that combines theory and practical application in the design of responsive interior environments. It explores human comfort and behavior, focusing on environmental systems, passive

design principles, sustainable practices, and the roles of sound and light in interior design. The course is structured to empower students to create living environments that prioritize user experience. Key topics include heating and cooling of interiors, indoor air quality, circadian lighting, circular building systems, life-cycle costs, energy efficiency, and the impact of lighting and sound on human perception and behavior. Students will navigate various contexts of interior environments, with a strong emphasis on human comfort and health guiding all decision-making processes. The course equips students with the skills needed to develop comprehensive solutions, strategies, and professional documentation that effectively communicate their design choices.

IND 333 - Building Code for Interior Design

(3-0-3)

Prerequisite: None

This course offers an introduction to the legal framework of building codes within the interior design process. It is designed to provide students with a comprehensive understanding of International Building Codes, Local Building codes, and Fire and Life Safety regulations. The primary focus is on cultivating a critical understanding of the necessity to incorporate building codes, construction, and engineering systems requirements into the design process. Students will build upon the knowledge and skills acquired in DES-361 Working Drawings and Detailing, learning to develop detailed, code-based drawings and apply them effectively in their studio projects. The course builds upon the foundational knowledge acquired in Construction and Design Integration 1 and 2, allowing students to progressively deepen their understanding of how building codes inform and shape interior design practice. Through a combination of lectures, discussions, and practical exercises, students will gain the necessary skills to navigate and comply with building codes while executing their design projects.

IND 341 - Furniture Design and Detailing

(2-2-3)

Prerequisite: DES 120 & DES 223

IND 341 is a specialized interior design course focused on furniture design and detailing. With a comprehensive approach, the course aims to enrich students' understanding of the vocabulary, concepts, typologies, historical development, and manufacturing processes associated with furniture design, alongside their related detailing aspects. The course commences with an exploration of the history and theory of furniture design, providing a contextual foundation for subsequent learning. It progresses systematically, culminating in the design of a furniture piece. Throughout this process, students are guided from conceptualization to construction and detailing, gaining hands-on experience in every aspect of furniture design.

IND 366 - Professional Practice and Project Management for Interior Design

(3-0-3)

Prerequisite: IND 202

IND 366 introduces the business aspects of interior design, emphasizing professionalism, ethics, and industry techniques. The course covers essential topics such as the role of interior designers, professional ethics, project stages, and construction contracts, providing a broad understanding of the profession. Through lectures, group exercises, and field trips, students explore project management phases, including pre-contract and post-contract processes, project scheduling, time and cost management, and client-consultant agreements. This bridges the gap between the design skills acquired in earlier studies and the practicalities of managing real-world projects. The course connects strongly to the local industry, offering students opportunities to engage with design practices through site visits and guest lectures from industry professionals. By focusing on professionalism and ethics, IND 366 equips students with the knowledge and skills needed for successful careers in interior design practice.

IND 401 - Studio 7 – Senior Project Dissertation

(3-6-6)

Prerequisite: IND 220, IND 302, IND 332 & IND 333

This course introduces a student-driven project focusing on purpose and design maturity, featuring two components: a brief for an advanced research proposal and a research-driven designed element. The main goal is to enhance critical and analytical skills, allowing students to convert societal needs into structured

interior design briefs. The course applies design thinking to address theoretical, social, cultural, environmental, and physical design issues. Building on prior specialized knowledge and aligned with professional expectations in IND-366. IND-401 consists of two parallel tracks: Briefing and Design. In the Briefing component, students investigate topics, analyze needs, and set project objectives. The Design component allows students to explore theoretical approaches and implement design possibilities within specific typologies. Students refine their design-thinking through these activities in preparation for their final graduation project.

IND 402 - Studio 8 - Senior Project

(3-0-6)

Prerequisite: DES 361, DES 400 & IND 401

IND 402 is the culmination of the learning pathway, bridging education and professional practice. This capstone studio showcases advanced design skills and professional capabilities across all stages, from pre-design to construction documentation. Its main objective is to enhance students' understanding of interior design as a catalyst for change in the UAE. It aims to deepen their knowledge of the integrated design process, emphasizing the connection between conceptual and technical aspects of design challenges. Throughout the course, students learn to identify user requirements and translate them into structured design briefs. They develop skills to create innovative solutions that meet human needs and technical specifications while detailing building components to reflect the design narrative. Building on the foundations from IND-401, IND-402 includes in-depth studies of building codes, lighting, acoustics, materiality, furniture, fixtures, and equipment (FF&E), and the managerial approaches gained in IND-366.

LNG 161 - Communication Skills in English 1

(3-0-3)

Prerequisite: None

This course is designed to develop students' English background and enhance their linguistic understanding. It focuses on the four basic language skills: listening, speaking, reading and writing. The teacher's main emphasis is on the level of the learners' writing and accuracy, which are the core of English language. The mastery of grammar undoubtedly paves the way to accumulate a good command of English.

LNG 162 - Communication Skills in English 2

(3-0-3)

Prerequisite: LNG 161

This course is a continuation of LNG 161. All students should have passed level one. It also focuses on the basics of English grammar, especially writing skills.

LNG 171 - English I

(3-0-3)

Prerequisite: None

LNG 171 introduces students to academic reading and writing, focusing on analysis and critical thinking. Students will write an analytic essay with quotations, paraphrases, and summaries. Students will use the correct APA format for referencing.

LNG 172 - English II

(3-0-3)

Prerequisite: LNG 171

This course equips students with reading strategies to critically evaluate and interpret arguments in academic and professional texts. Students will learn to synthesize insights from multiple secondary sources to construct coherent and well-supported academic arguments. Emphasis is placed on producing clear, structured writing that adheres to academic conventions and standards. The course also develops students' oral communication skills through well-organized, engaging academic presentations tailored to their specialization.

LNG 173 - Professional Communication Skills

(3-0-3)

Prerequisite: LNG 172

LNG 173 is an advanced-level English course that analyzes texts critically in the field of their specialization (Architecture and Interior Design). In the process of planning and composing a research paper, students will also develop critical thinking skills and research skills that will help them become effective and successful

professionals in their field.

LNG 181 - English I for Engineering and Computing

(3-0-3)

Prerequisite: None

LNG 181 builds on the reading and writing skills. This course provides practice in analyzing and responding to various rhetorical modes of writing with an emphasis on authentic texts. The course focuses on exposition and argumentation specialized for Engineers.

LNG 182 - English II for Engineering and Computing

(3-0-3)

Prerequisite: LNG 181

This course builds the written and oral communication skills that enable Engineering students to communicate according to the conventions of the profession. It includes writing (letters, memos, proposals, emails, and reports), principles and practices in delivering informal and formal public speaking and presenting solutions and results of research in a clear and effective way.

MAI 501 - Programming for AI Applications

(3-0-3)

Prerequisite: None

This course aims to equip students with essential programming skills required for developing AI applications. The course covers fundamental and advanced topics in programming, focusing on data structures, data handling, and pipelining. Students will learn to implement algorithms, work with various data types and structures, and handle images effectively. They will also explore techniques for efficient data processing and pipeline development, preparing them for practical AI application development using well-known ML libraries.

MAI 502 - Introduction to Artificial Intelligence

(3-0-3)

Prerequisite: None

This course introduces the fundamental concepts, techniques, and applications of Artificial Intelligence (AI). Topics covered include problem-solving, knowledge representation, search strategies, machine learning, neural networks. The course also emphasis AI applications such as NLP, computer vision, Healthcare, and Finance. The course will also feature hands-on programming assignments using Python and relevant AI frameworks.

MAI 503 - Discrete Mathematics for Computer Science

(3-0-3)

Prerequisite: None

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.

MAI 600 – Mathematics and Statistics for AI

(3-0-3)

Prerequisite: None

This course covers the fundamental topics in mathematics and statistics required for artificial intelligence. The course consists of three central themes: linear algebra, vector calculus, and probability theory. The topics include matrix theory, vector spaces, eigenvectors, partial derivatives and gradients, optimization, discrete and continuous random variables, Bayesian inference, parameter estimation, regression analysis, and others.

MAI 601 – Data Mining

(3-0-3)

Prerequisite: None

This course introduces the student to the fundamental concepts and techniques of data mining, including both supervised and unsupervised learning. Student will explore decision trees for classification and learn about pruning and error rate estimation. The course dives into Python libraries and frameworks for implementing data mining techniques. The course also covers association rules, frequent-pattern trees, and

large item sets. In addition, student will learn about various clustering methods and delve into attribute engineering with techniques like PCA. The course discusses sampling, data cleansing, and transforming multiple classes to binary ones. Ensemble learning methods such as bagging and boosting will be explored in depth. Finally, the course address contemporary issues in data mining, including real-time data mining, privacy, ethics, bioinformatics, and social media mining. Students are expected to build a project by which they tackle a real-world or a business problem.

MAI 602 – Machine Learning

(3-0-3)

Prerequisite: None

In this course, students will explore various subjects related to machine learning (ML) models and problem classes. The course aims to provide a comprehensive understanding of different machine learning problem classes, such as classification and clustering. The course will cover linear/non-linear regression, neural networks (NN), support vector machines (SVM), clustering and decision tree models. In addition, key topics in machine learning such as real-time data processing and ethical considerations in model deployment will be addresses. Furthermore, emerging topics such as Artificial Intelligence driven (AI-driven) cybersecurity and quantum machine learning will be introduced. By the end of this course, students will be able to apply their understanding to real-world machine learning case studies.

MAI 603 – Advanced Artificial Intelligence

(3-0-3)

Prerequisite: None

This course explores advanced topics in artificial intelligence (AI), covering intelligent agents, search algorithms, constraint satisfaction problems (CSPs), logic-based systems, probabilistic reasoning, reinforcement learning, and the ethical considerations in AI development. Students will learn uninformed and informed search strategies, local and adversarial search including alpha-beta pruning and stochastic games, and techniques for handling CSPs using backtracking and local search. In addition, the course covers propositional and first-order logic, methods for quantifying and reasoning with uncertainty, probabilistic reasoning over time, and reinforcement learning. Students will acquire a critical understanding of AI ethics and risks.

MAI 604 – Deep Learning

(3-0-3)

Prerequisite: None

This course provides a comprehensive introduction to the principles and practices of deep learning. Students will critically explore the fundamental concepts of neural network learning, including gradient descent, dropout, overfitting, and activation functions. They will gain hands-on experience by writing base code that enables neural networks to learn and adjust their parameters from data inputs. The course also covers the construction of contemporary neural network architectures, such as convolutional and recurrent networks, using core deep learning algorithms. Finally, students will apply their knowledge in a practical project, leveraging deep learning neural networks to address real-world business or life challenges.

MAI 605 – Research Methods

(3-0-3)

Prerequisite: None

Research Methodology guides graduates in developing and executing research projects, covering essential principles, processes, and techniques. It begins with an overview of research methodologies, explores literature retrieval through advanced technology, and delves into research design, qualitative and quantitative methods, measurement techniques, navigating conferences, crafting research papers and sampling methods. The course emphasizes data analysis tools, interpretation, and systematic report writing. The course addresses ethical considerations in AI research and AI practical applications covering ethical standards, best practices in experimental design, ethical guidance in AI and data handling.

MAI 606 – Master's Thesis

(6-0-6)

Prerequisite: At least 21 Cr. Hrs.

The thesis is carried out during the third and fourth semesters, represents the pinnacle of the student's

research efforts. In Phase-1, students engage in self-study to determine their research subject, plan their approach, conduct preliminary research, and get their research proposal approved by a panel of examiners. In Phase-2, they collect data, implement the target solutions, and identify and mitigate challenges, present a preliminary report, and present their progress in the mid-thesis evaluation. In the final stage, students complete their master's thesis with results and defend it orally before a panel of examiners from the thesis examination committee.

MAI 650 – Nature-Inspired Computing

(3-0-3)

Prerequisite: MAI 603

This course delves into the advanced concepts and methodologies of nature-inspired computing, emphasizing its role in artificial intelligence. Students will explore the fundamental principles and workings of key algorithms, including genetic algorithms, ant colony optimization, and particle swarm optimization. Through a blend of theoretical knowledge and practical applications, students will learn to design, implement, and evaluate nature-inspired algorithms to solve complex, real-world problems such as vehicle routing, job scheduling, and resource allocation. Additionally, the course will cover performance assessment metrics, advanced research developments, and the integration of these algorithms with modern AI techniques. This comprehensive approach prepares students for both research and professional roles in the rapidly evolving field of nature-inspired computing.

MAI 651 – Speech Recognition

(3-0-3)

Prerequisite: MAI 602

This course provides a comprehensive introduction to speech recognition, integrating theoretical concepts and practical applications. Students will gain a solid foundation in speech processing and progressively develop expertise in automatic speech recognition (ASR). The curriculum covers fundamental techniques and advances to include Recurrent Neural Networks (RNNs), Long Short-Term Memory (LSTM) networks, Convolutional Neural Networks (CNNs) for spectrogram processing, and end-to-end speech recognition methods. By the end of the course, students will be equipped to apply ASR techniques to real-world scenarios and understand the practical aspects of developing effective speech recognition systems.

MAI 652 – Computer Vision

(3-0-3)

Prerequisite: MAI 603

The aim of this course is to provide graduate students with in-depth knowledge and skills in computer vision. The course begins with an overview of the human visual system, including image formulation. Topics include image acquisition and processing techniques such as gamma correction, noise filtering, unsharp masking, multiresolution representation, and segmentation strategies. Students will explore object detection and motion tracking techniques using deformable models and TensorFlow. Graduates will gain a deep understanding of various classification models and hands-on experience with popular computer vision libraries and frameworks such as OpenCV, Scikit-Image, TorchVision, and MATLAB. Additionally, the course addresses real-time computer vision processing, ethical considerations in computer vision applications, and the integration of computer vision into emerging fields like autonomous vehicles and healthcare.

MAI 653 – Internet of Things

(3-0-3)

Prerequisite: MAI 602

This course topics include fundamentals of Internet of Things (IoT), enhancing device connectivity and data integration for real-time monitoring and decision-making. It explores AI and machine learning applications to ensure efficiency and safety across various sectors, such as smart homes, healthcare, and industrial automation. Students will learn to explain and identify IoT protocols, communication methods, and security features and will engage in analysis and demonstrate an AI-based IoT system in the culminating capstone project. The course also covers real-time IoT processing, ethical considerations in IoT, and the integration of IoT in emerging fields like autonomous vehicles and smart cities.

MAI 654 – AI in Cybersecurity

(3-0-3)

Prerequisite: MAI 602

This course will explore the pivotal role of AI in enhancing cybersecurity, learning to leverage artificial intelligence techniques to detect, mitigate, and prevent security breaches in real-time. The curriculum provides in-depth knowledge and hands-on experience, preparing graduates to innovate and lead in the rapidly evolving landscape of digital security powered by AI. This course provides a comprehensive exploration of AI in cybersecurity, challenges, tools, and ethical considerations, and includes practical applications of machine learning and deep learning for threat detection and secure system design, culminating in a capstone project focused on creating AI-driven cybersecurity solutions.

MAI 655 – Selected Topics in Artificial Intelligence

(3-0-3)

Prerequisite: MAI 602 & MAI 603

This course is designed to explore various advanced and emerging topics in Artificial Intelligence (AI). It aims to provide students with a deep understanding of the latest advancements in AI research and industry trends while allowing flexibility to tailor the content based on current developments and student interests. Each semester, the instructor will select specific topics that align with the latest breakthroughs and trends in AI to ensure the course remains relevant and up to date with the fast-evolving landscape of AI.

MAI 656 – Natural Language Processing

(3-0-3)

Prerequisite: MAI 602 & MAI 603

This course, tailored for graduate students, provides an in-depth exploration of the theory, algorithms, and practical applications that underline Natural Language Processing (NLP), a critical field within AI. The course combines theoretical foundations with hands-on projects to equip students with the skills necessary to tackle complex language processing challenges. Covered topics include text preprocessing and processing, word embeddings, and other NLP techniques such as Named Entity Recognition, Part-of-Speech tagging, and sentiment analysis. Additionally, students will delve into advanced models like RNNs, LSTMs, language modeling, sequence-to-sequence models, attention mechanisms, and Transformers such as BERT. They will analyze emerging trends and current research trajectories in areas such as social media analysis, conversational AI, and ethical considerations in NLP.

MBA 510 - Management and Marketing Foundations

(3-0-3)

Prerequisite: None

This course presents the theories and principles of management and their applications. It identifies the changing role of management as well as the main functions of managers. It also discusses the importance of management in defining organizational culture. Students are expected to develop a practical mindset of the management and leadership skills required to perform effectively within the organizational setting. The course also provides the foundations to the principles of marketing and some applications. It enables the student to appreciate the development, design, and implementation of marketing strategies, programs, processes, and activities for a better understanding of shifts and interdependencies in today's changing marketing environment.

MBA 511 - Foundations of Quantitative Analysis

(3-0-3)

Prerequisite: None

This course covers the fundamentals of quantitative data analysis including probability theory, random variables, discrete and continuous distribution functions, descriptive statistics, hypothesis testing, linear regression and data visualization. Furthermore, students will analyze quantitative data using Microsoft Excel and Power BI.

MBA 512 - Accounting and Finance Foundations

(3-0-3)

Prerequisite: None

This course aims to provide an easy-to-understand knowledge and guide for students to learn both financial accounting and managerial finance concepts and principles in making decisions. This course covers not only accounting and financial information, but also how technology can help improve decision-making. That is, the first part of this course is about a balanced coverage of practical applications of completing accounting

cycles, preparing and analyzing financial statements in accordance with the International Financial Reporting Standards. The second part of this course introduces students to the subject of financial management and prepare them for MBA courses in the area of Financial Management and Corporate Finance. It will introduce the most important finance concept of time value of money, and also introduces students to financial statements, cash flows, and risk-return. Throughout the topics of this course, students are going to also relate blockchain, which is an accounting and finance technology, to the accounting and finance professions.

MBA 513 - Foundations of Economics

(3-0-3)

Prerequisite: None

The course introduces the theories, principles, and applications of microeconomics and macroeconomics. Heavy emphasis is placed on topics that provide tools relevant in business decision making, as well as in providing an appreciation of the relevant macroeconomic business-decision making environment. The course explores microeconomics tools useful in investigating scarcity and choice, price determination, elasticity, consumer choice as well as the significance of information. The role of money and monetary policy is analysed. A framework for analysing the effects of monetary and fiscal policy to manage business cycles in an open economy is provided.

MBA 640 - Accounting for Decision Making

(3-0-3)

Prerequisite: None

This course delves into the intricacies of Financial and Managerial Accounting, encompassing a thorough examination of financial reporting, analysis, forecasting, and managerial decision-making. Within the Financial Accounting module, students are exposed to the complexities inherent in financial statements, hence acquiring proficiency in the interpretation and analysis of those accounts. The syllabus encompasses topics such as financial statement forecasts, valuation tools, and equity models. The Managerial Accounting segment encompasses the strategic utilization of managerial accounting information, cost concepts, cost-volume-profit analysis, budgeting, and the Balanced Scorecard. Overall, this course provides MBA candidates with the necessary knowledge and skills to make well-informed financial decisions for organizational success amidst the complexities of modern business environments.

MBA 642 - Managerial Finance

(3-0-3)

Prerequisite: None

This course provides a comprehensive financial knowledge to effectively manage financial affairs of a modern organization and apply financial management tools and techniques successfully. The first part of the course covers the introduction to financial management including Islamic finance concepts and expands the basic DuPont equation to better explore the interrelationships between operating and financial performance. The second part covers valuation of future cash flows and introduces key ideas on an intuitive level to help students with the application of capital budgeting techniques. The final part of the course utilizes both CAPM and DDM to cost of capital estimation and stresses the need to understand the validity of their assumptions in practice.

MBA 643 - Business Research Methods

(3-0-3)

Prerequisite: None

This course provides students with advanced knowledge of research methods, allowing to develop their skills in conducting effective research in the field of business. To this end, the course covers the fundamentals of research methods such as various research philosophies, problem formulation, research design, sampling, data collection, data analysis, reporting and communication of results. The course presents both qualitative and quantitative research methods. Qualitative methods covered include various approaches such as in-depth interviewing, ethnography, and observations. Quantitative methods covered include statistical methods such as linear regression, ANOVA, MANOVA, factor analysis and preliminary time series analysis. Furthermore, students will analyze quantitative and qualitative data using 'R'.

MBA 645 - Marketing Management

(3-0-3)

Prerequisite: None

This course examines concepts and business practices associated with the development of marketing strategies and activities. In this course, students will gain proficiency in the latest methods and concepts for analyzing customer behavior and for devising effective marketing strategies. The course is designed to build advanced knowledge and competency in the art of marketing, selecting which customers to serve, while sustaining and delighting them by delivering superior customer value focusing on the market and consumer in the UAE. This course focusses on the application aspect of marketing in the real world based on a thorough market analysis.

MBA 648 - Business Strategy

(3-0-3)

Prerequisite: MBA 640, MBA 642, MBA 643, MBA 645

This course provides students with advanced strategic management concepts and knowledge to formulate, evaluate, implement and critically assess firms' strategies. It delves into the strategic management frameworks and tools that make up the field of strategic management. It includes research activities within which participants gain in-depth knowledge and hands-on practice that engage students in diagnosing and identifying realistic solutions to complex strategic and organizational problems. It provides students with advanced skills to craft and articulate both verbally and in writing logical and fact-based arguments in support of action recommendation.

MBA 649 - Business Ethics and Sustainability

(3-0-3)

Prerequisite: None

This course provides the solid understanding of the importance of business ethics, sustainability and stakeholder management using a strong managerial perspective. The main goal of this course is to provide students with the on how today's most successful business decision makers both balance and protect the interests of various stakeholders, including investors, employees, consumers, the community, and the environment.

MBA 651 - Organizational Behaviour

(3-0-3)

Prerequisite: None

The main objective of the course is to provide a sound understanding of organizational behavior 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 include attitudes, diversity, personality traits, emotional intelligence, power, communication, and motivational models, the role of culture and values, organizational structure, teams, and work design, in addition to an emphasis on HR practices & policies and their role in shaping human behavior.

MBA 660 - People Analytics

(3-0-3)

Prerequisite: MBA 643

The course will assist the HR function in using people analytics to create a future vision and effect good change at the individual, organizational, and societal levels. Through theory and practical examples, the course will demonstrate how People Analytics is applied to address urgent business issues. The course will demonstrate how to utilize data to make people policies that are more successful and to boost HR's strategic influence on the company through real-world examples. The course explores what People Data Analyst does and how to be successful in this position. Additionally, the course focuses on the real-world applications of HR principles and procedures that managers and staff members encounter when doing HR-related tasks.

MBA 668 - International Human Resource Management

(3-0-3)

Prerequisite: None

The curriculum delves into the global dimensions of human resource practices within multinational enterprises, examining how various cultural, economic, political, and communication channels impact human resource functions. This includes discussion on strategic workforce planning, the process of talent acquisition and selection, performance appraisal systems, employee training and skill development programs, remuneration strategies, and managing workplace relationships at a global scale.

MBA 669 - Strategic Talent Management
(3-0-3)
Prerequisite: None

The main objective of this course is to provide a thorough knowledge of talent management in theory and practice. Students learn the concepts and techniques used in strategically acquiring, managing, and developing an organization's human capital to enhance its competitive advantage. Topics include talent acquisition, performance management, talent development, retention, and succession planning.

MBA 675 - Management of Technology and Innovation
(3-0-3)
Prerequisite: None

The Management Technology and Innovation program is designed to equip students with the skills and knowledge needed to navigate the intersection of business, innovation and technology. The curriculum integrates core innovation management concepts with cutting-edge technology trends, preparing graduates to lead in industries where technology and innovation plays a critical role. The course combines core management technology principles with a focus on leveraging technology and fostering innovation within organizations. Graduates are equipped with the strategic mindset and practical skills needed to drive successful business outcomes in dynamic and rapidly evolving environments.

MBA 676 - Organization Development and Sustainable Change
(3-0-3)
Prerequisite: MBA 651

This course offers an in-depth examination of organizational development and change management in organizations, equipping students to harmonize short-term objectives with the imperative of long-term sustainability. It emphasizes the strategic conservation of resources while meeting current operational demands. It covers strategic change management on both organizational and personal levels, aiming to cultivate adaptability and resilience. Students will be equipped with practical strategies in evaluating change initiatives that are not just implemented but also maintained for progressive organizational growth. Through this course, learners will become adept at fostering an environment conducive to sustained change, changing elements of the organization's culture, reinforcing the organization's capacity for ongoing and future transformation and innovation.

MBA 677 - Strategic Leadership
(3-0-3)
Prerequisite: MBA 651

Strategic leadership course focuses on equipping students to lead successfully organizations in the quickly changing and technologically advanced business environment. The purpose of the course is to provide students with the skills and knowledge they need to manage transformation, take advantage of new technologies, and foster innovation inside their companies and to give future leaders the know-how and abilities they need to lead effectively in the digital era. The course explores how strategic leadership impacts employees' performance and commitments.

MBA 678 - Human Resource Development
(3-0-3)
Prerequisite: MBA 651

The course provides an advanced perspective on the use of Human Resource Development (HRD) in enhancing the competitive advantage of organizations through the build-up of the intellectual and learning system capacities of the organization in order to cope with a rapidly changing customer focused environment. The concept of the Learning Organization is developed through the perspective of the HRD policies and actions required to develop and change organizations through their human capital and capabilities.

MBA 679 - Talent Management and Motivation
(3-0-3)
Prerequisite: MBA 651

The main objective of this course is to provide a thorough knowledge of talent management in theory and practice. Students learn the concepts and motivational techniques used in strategically acquiring, managing,

and developing an organization's human capital to enhance its competitive advantage. Topics include talent acquisition, performance management, talent development, retention, and succession planning.

MBA 681 - Corporate Finance

(3-0-3)

Prerequisite: MBA 642

This course aims to provide students with a critical understanding of advanced topics in corporate financial management. The first part of the course introduces the advanced concept of corporate governance and analyzes capital budgeting issues and complexities. The second part course focuses on risk and return and discusses in depth the security market line. The last part covers cash and liquidity management and financing decisions with an emphasis on complex capital structure and financial policy, and factors that affect key corporate financial decisions.

MBA 686 - Derivatives

(3-0-3)

Prerequisite: MBA 642

This course aims at providing fundamental concepts and techniques to deal with the issue of financial risk management using derivatives tools such as forwards, futures, options, and swaps. Specifically, the course covers hedging strategies using futures, forwards, mechanics and properties of options markets, option strategies, binomial trees and Black-Scholes-Merton option pricing models, and interest rate swaps. Further, a review of derivatives mishaps is done towards the end of the course.

MBA 687 - Investment Analysis

(3-0-3)

Prerequisite: MBA 642

This course aims at providing the necessary skills and knowledge required in portfolio management and investment analysis. Concepts discussed include asset classes and financial instruments, portfolio theory, security analysis, macroeconomic and industry analysis, fixed income securities, portfolio performance evaluation, and technical analysis techniques across various asset classes including cryptocurrency, stocks, commodities, exchange-traded-funds, and most actively traded foreign currencies. The topics delivered will ensure students are equipped to implement these investment skills in managing equity and bond portfolios. Students will be exposed to real data using Factset.

MBA 688 - Financial Statement Analysis and Sustainability

(3-0-3)

Prerequisite: MBA 642

The course provides an in-depth overview of Financial Statement Analysis with an emphasis on the conceptual background and advanced tools required to understand, interpret, and critically analyze the information contained in financial statements. The first part of the course covers the conceptual foundation of the financial statements, asset liability valuation, and income recognitions. The second part of the course deal with advanced analysis of the statement of cash flows and risk. The third part of the course provide an in-depth understanding of IFRS sustainability and ESG reporting.

MBA 689 - Portfolio Management

(3-0-3)

Prerequisite: MBA 687

This course covers portfolio management, wealth planning and alternative investments. Topics covered include Investment policy statement (IPS), asset allocation, investment manager selection, portfolio construction, portfolio rebalancing and risk management. Students will gain the skills required to manage individual/family, investor, and institutional portfolios, including presentation of performance results using industry standards. The last part of the course provides an exposure to the types of alternative investments, their characteristics and related investment strategies.

MBA 690 - Sustainable Marketing and Digital Branding

(3-0-3)

Prerequisite: MBA 645

This specialized course is designed to explore digital branding in an era where environmental and social sustainability are integral to business success. The course focuses on theoretical concepts and business

practices of branding in today's digital and sustainable world focusing on the market in the UAE. It is designed to guide students in navigating the complexities of digital branding in the context of sustainability by providing the principles, practices, and strategies for developing a digital brand that resonates with the market audience while contributing to a more sustainable future. Students will gain proficiency in using digital branding tools and concepts for effective branding strategies within a sustainable context. Various tools and platforms will enable students to apply the acquired digital branding knowledge for sustainable business success.

MBA 693 - Business Marketing

(3-0-3)

Prerequisite: MBA 645

This MBA level course examines the nature and scope of industrial/businesses-to-business marketing. Understanding of makeup and characteristics of demand, and strategies needed to determine industrial/business consumers. Various topics will be discussed ranging from relationship management, E-commerce, supply chain, market research, high technology innovation, strategic brand assessment, segmentation, selling, advertising, to Integration and application of various business-to business strategies.

MBA 697 - Global Digital Marketing

(3-0-3)

Prerequisite: MBA 645

This course will equip students with an understanding of digital marketing strategies and tactics in the global context. It will cover concepts, tools, and techniques for designing and implementing effective digital marketing strategies across diverse global markets. The course is designed to educate and prepare students in the UAE with respect to the in-bound and out-bound digital marketing of global products and services entering and leaving UAE as the global marketing hub. It will include international market research, cross-cultural communication, localization, and the use of various digital channels. This course explores how businesses can leverage digital channels to create and implement effective global marketing strategies. The course focuses on emerging global trends in the rapidly evolving digital landscape. Through a combination of theoretical concepts and hands-on applications, students will develop the skills needed to navigate the complexities of the global digital landscape.

MBA 698 - Digital Products and Services

(3-0-3)

Prerequisite: MBA 645

The Digital Products and Services course is designed to empower students with the skills required for effective navigation in a dual-track development environment, ensuring the creation of impactful digital products and services for the UAE Market. This course examines concepts and business practices associated with the role of digital products and services in today's business environments. Throughout the course, students will engage with crucial tasks and core competencies necessary for the iterative development of digital product-based solutions that resonate with customer needs. The course is designed to build advanced knowledge and competency in creating and promoting digital products and services to gain competitive advantage by pursuing entrepreneurial goals.

MBA 699 - Consumer Behaviour

(3-0-3)

Prerequisite: MBA 645

This course is designed on concepts and business activities following the role of a consumer as the decision maker. The course focusses on application and theoretical aspects of marketing in real world based on factors involving human behavior that influence the final decision of the consumer in the UAE. In this course, students will gain proficiency in utilizing the tools and concepts for analyzing market situations through identifying, following, and adapting needs, attitudes, and preferences of different consumers in various market environments. The course is designed to build advanced knowledge and competency in crafting marketing strategies with reference to insights in learning, motivation, perception, and personality of the consumer.

MBA 700 - Applied Research Project

(6-0-6)

Prerequisite: Complete 21 Cr. Hrs. & CGPA of at least 3.0

The course is designed for graduate students to utilize advanced learning through an applied research project. It enhances understanding of measurement and structural models, offers result-reporting guidelines, and emphasizes critical skills in business management research, including advanced quantitative and qualitative methods. Students will develop problem-solving models, analyze complex issues, and create innovative solutions relevant to their academic or professional field. This course links research with practical needs of organizations, requiring action-oriented projects that meet rigorous academic and professional standards.

MBA 710 - Applied Consulting Project (6-0-6)

Prerequisite: Complete 21 Cr. Hrs. & CGPA of at least 3.0

The Applied Consulting Project is a course focused on real-life consultancy. Students will immerse themselves in a dynamic learning environment, working closely in small teams to apply management theories in a specific area of specialization (Finance, Digital Marketing, Talent Management Leadership, and General Management) to solve real business problems. Students will develop strategic plans and solutions, reflecting a practical synthesis of their MBA studies. The course aims to prepare students for future high-level roles by providing practical consulting experience with actual business.

MBN 501 - Management of Information Systems (3-0-3)

Prerequisite: None

This course is designed to provide students with an understanding of how business leaders can use information systems management to manage and compete more effectively. Topics include strategic and competitive information systems, data management and Analytics, Enterprise Applications, e-business, Business Intelligence, knowledge management, information ethics, and privacy.

MBN 601 - Data Management and Visualization (3-0-3)

Prerequisite: None

This course offers a comprehensive study of data management and visualization, equipping students with the skills to organize, transform, and interpret data effectively using SQL and Power BI. Students will delve into SQL techniques essential for data extraction, preparation, and analysis, including joins, window functions, and subqueries, enabling them to build robust datasets and perform detailed analyses. In the Power BI segment, students will learn to create impactful visualizations, build dashboards, and implement DAX calculations for deeper insights. Emphasizing real-world applications, this course will guide students through data modeling, transformation, and visualization to make data-driven decisions aligned with business goals. Through practical projects and interactive case studies, students will master tools and strategies to turn raw data into valuable insights, supporting informed decision-making in business environments.

MBN 602 - Statistics for Data Analytics (3-0-3)

Prerequisite: None

As an introductory course in Statistics for Data Analytics, this course aims to bring theory and practice together and offer a holistic, connected view of both sides. The course begins with descriptive statistical techniques to visualize and summarize quantitative and qualitative data sets, focusing on their practical implementations. It moves to an introduction to probability theory, focusing on famous discrete and continuous probability distributions and their applications to decision-making. Finally, the course culminates with the estimation and interpretation of univariate and multivariate statistical models (such as regression and time series models), providing notions of causal inference and predictive analytics.

MBN 603 - Programming for Data Analytics (3-0-3)

Prerequisite: None

This introductory course to programming for Data Analytics aims to bring theory and practice together and offer a holistic and organically connected view of both sides. It covers basic Python programming. Python illustrations and experimentations are interwoven for each topic to help students better appreciate

statistical theory and understand how it works in practice. The module finishes with practical issues on acquiring, cleaning, and organizing data using Python. This completes the cycle of data analysis, and the students are able to independently execute a basic Data Analytics project

MBN 604 - Information Assurance

(3-0-3)

Prerequisite: MBN 601

This course exposes students to the critical challenges of ensuring information security and managing IT risks in today's business environment. Covering security principles from a managerial perspective with a practical technical focus, students will learn to actively contribute to organizational security efforts. The course addresses threats in information systems and the controls—physical, technical, and administrative—to prevent and respond to breaches. Through lectures and case studies, students will develop essential skills in security planning, auditing, and risk management, applying concepts to real-world scenarios.

MBN 605 - Contemporary Topics in Business Analytics

(3-0-3)

Prerequisite: MBN 601

This course aims to provide students with ways of using Business analytics in core business functions such as marketing, human resources, accounting and finance, and supply chain and logistics to achieve competitive advantage. The course will also discuss key risk, ethical and legal issues in using business analytics for business.

MBN 606 - Data Governance and Knowledge Management

(3-0-3)

Prerequisite: MBN 601

This course provides an in-depth exploration of data governance and knowledge management, two essential pillars for effective information management within organizations. Students will learn about data governance frameworks, policies, and standards, focusing on how to ensure data integrity, security, and compliance in alignment with organizational goals. The course will also cover key principles and techniques of knowledge management, including the capture, organization, sharing, and application of organizational knowledge to drive innovation and competitive advantage. Through case studies, real-world applications, and hands-on projects, students will gain the skills to design and implement strategies that enhance data quality and foster a knowledge-sharing culture in dynamic organizational environments.

MBN 700 - Dissertation

(6-0-6)

Prerequisite: Completion of 18 Cr. Hrs.

This course allows students to carry out in-depth research on a topic of their own choice, within Business analytics, under supervision. First, the student will select a researchable topic of their choice for the dissertation, articulate the research problem, and perform a literature review that motivates the problem selection and the development of the research hypotheses. Second, the student will outline the research design, sources of data, and the statistical techniques to be used for the analysis. Once the proposal is accepted, the student will continue working on their dissertation. The student will complete the literature review, collect the relevant data, carry out the statistical analysis, interpret the results, and produce a draft of the dissertation. Third, the supervisor will critically read the draft and provide feedback. In the final phase, the student will orally defend the dissertation in front of the BA examination committee.

MBN 710 - Applied Research Project

(6-0-6)

Prerequisite: Completion of 18 Cr. Hrs.

This capstone course enables students to conduct a supervised, independent research project addressing a real-world business problem or opportunity using Business Analytics tools and techniques. The project involves the application of advanced Business analytical tools, theoretical models, and empirical research methods. Students will formulate a research question, conduct a literature review, design and implement a research methodology, analyze data, and present findings that contribute to both academic knowledge and managerial practice. This project could be done individually or maximum group of two students.

MCM 101 - Introduction to Mass Communications & Media Studies

(3-0-3)

Prerequisite: None

This course introduces students to the concepts of mass communication and media studies, including media literacy and theories. Students will learn about media history, development, and cultural effects of media industries including, but not limited to books, newspapers, magazines, film, radio, recording, and popular music, television, cable, and mobile video, video games, the internet and the World Wide Web.

MCM 115 - Media in the UAE

(3-0-3)

Prerequisite: MCM 101

This course introduces the students to Media practices in the UAE. This includes the historical development of UAE media; media ethics, regulations and laws; federal and local media institutions and media policies and orientations. Students will also explore the social and cultural features of media in the UAE, the role of the media in developing the UAE national identity, media free zones and the technological advancement of media in the UAE.

MCM 121 - Communication Theories & Media Effects

(3-0-3)

Prerequisite: MCM 101

This course aims to give the student an overview of communication theories. The course covers rhetoric, dramatism, narrative theory, powerful effects, limited effects, cultivation theory, uses and gratifications theory, and critical/cultural studies, media and computer-mediated effect theories.

MCM 130 - Media Ethics and Laws

(3-0-3)

Prerequisite: MCM 101

This course offers a comprehensive exploration of the foundational principles and critical dimensions of media ethics and media law. The media ethics component encompasses an in-depth examination of its evolution, origins, foundations, and historical development; delves into the issues, concepts, frameworks, domains, scopes, and spectra that define the field; assesses the significance, reach, implications, and perspectives of media ethics; and scrutinizes the guiding principles, standards, types, and approaches that inform ethical practice in media. Additionally, the course addresses the core values, tasks, and practical applications of media ethics, providing a well-rounded understanding of its role in contemporary media landscapes.

In parallel, the media law segment covers the historical evolution, origins, and foundational aspects of media law; investigates the issues, concepts, frameworks, domains, scopes, and spectra that underpin legal practices in media; evaluates the significance, reach, implications, and perspectives of media law; and outlines the guiding principles, standards, types, and approaches that regulate media conduct. The course further explores the intrinsic values, tasks, and practical applications of media law, offering students a robust framework for understanding the legal parameters within which media organizations operate.

Moreover, this course fosters analytical skills through the study and discussion of pertinent case studies, enabling students to apply theoretical knowledge to real-world ethical challenges in media practice.

MCM 140 - Communication Research Methods

(3-0-3)

Prerequisite: MTH 105

This course introduces students to the basic research methods and techniques. This includes quantitative and qualitative research methodologies; sampling; data collection methods such as content analysis, surveys and in-depth interviews; and basic analytical techniques. A special emphasis will be given to the ethical dimension in scientific research.

MCM 201 - Writing for Mass Media

(3-0-3)

Prerequisite: MCM 101 & LNG 172

This course introduces students to writing for the media. It covers several topics including the basic tools of writing, principles of news writing, writing for print journalism, writing for online journalism, advertising copy writing, and writing for public relations. Emphasis is placed on the production of media writing.

MCM 210 - Media Sociology

(3-0-3)

Prerequisite: MCM 121

This course introduces the students to the field of Media Sociology. The course focuses on understanding the concepts and theories of media sociology, how the media contents are designed and produced, what factors and bodies (individual, organizational, and outsiders) influence the content, and how these contents influence behaviors of individuals and groups socially and politically. In the process many local and international case studies will be introduced.

MCM 215 - Audiovisual Production

(1-4-3)

Prerequisite: None

This course introduces the students to the principles and basic techniques of video production. Students will develop skills in camera shooting, 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.

MCM 240 - Media Management

(3-0-3)

Prerequisite: MCM 101

This course introduces theories and practices of management within a media context. Emphasis is placed on understanding the functions of management as well as developing skills used in managing media organizations within the global environment. It covers the definition of management; management theories; public and corporate media management; and human resource management such as leading and motivating teams.

MCM 250 - Digital Imaging

(1-4-3)

Prerequisite: None

This is an introductory course to the principles and basic practices of digital image, image editing, and image composition. Using different designing techniques and software applications, the students will create a series of visual compositions in print and web platforms. Students will also learn and practice concept of creativity in digital imaging.

MCM 300 - Sustainability Branding

(3-0-3)

Prerequisite: MCM 101 & MCM 201

This course is designed to provide students with appreciation of ameliorating the prevailing economic system in which they learn and practice. They are enabled in this endeavor with foundation literature on the tenets of Conscious Capitalism: Higher Purpose, Stakeholder Integration, Conscious Leadership, and Conscious Culture & Management. For praxes, students are engaged with an online computer simulation of a business environment that includes marketing, sales, manufacturing, accounting/finance, human resources, business negotiations, and entrepreneurship to promote and communicate a product considering all of the firm's stakeholders and deal with HR, ethical, environmental, and sustainability issues.

MCM 305 - Intercultural & Business Communications

(3-0-3)

Prerequisite: MCM 201

This course introduces students to the fundamentals of intercultural and business communications, including oral and written negotiations across diverse business and cultural settings and platforms. It entails careful analysis of the communication problem, development of an audience-focused solution, and clear, correct use of language and visuals.

MCM 311 - Media and Politics

(3-0-3)

Prerequisite: None

This course is designed to introduce students to the main concepts and theories of political communication in different parts of the world. It covers topics such as the relationship between media and politics, political campaigns and new media, domestic regulations and media practices, and others. The course also introduces case studies in decision making process at local and international levels.

MCM 330 - Literary and Artistic Criticism (3-0-3)

Prerequisite: MCM 201

This course introduces students to the main theories and concepts of literary and artistic criticism. Students will understand and apply the major theoretical paradigms in literature and visual art on various literary and media works, which include short stories, poetry, photos, ads, and videos. Student is expected to write critical essays and produce case studies on specific literary works and art productions.

MCM 335 - Digital and Online Marketing (3-0-3)

Prerequisite: MCM 101

This course is dedicated to providing students with the theoretical understanding of the Internet marketplace necessary to adapt to its changing nature. It also equips students with the essential skills needed to perform vital daily functions in areas such as Search Engine Optimization, Search Engine Marketing, Online Advertising, Web Analytics, Email Marketing, Social Media and Reputation Management.

MCM 400 - Comparative Global Media Systems and Policy (3-0-3)

Prerequisite: MCM 240

This course offers a critical understanding of how the Global Media Systems operate. The students will explore policies that shape and guide various media systems and their effects within and between societies socially and culturally. They will also develop knowledge about the different rules and regulations that govern the digital media systems worldwide. The aspects of privacy and ethics are also covered in this course.

MCM 411 - Multi-Platform Storytelling (1-4-3)

Prerequisite: MCM 201 & MCM 215

This course provides the skills to create stories in different communication fields including advertisement, public relations and journalism. The students will receive extensive training in writing headlines and scripts copyediting, audio and video editing, and the development digital stories to captivate audiences across various platforms including Press, TV, Radio, Internet, and Social Networks. Social responsibility and ethical frameworks are also components of this course.

MCM 420 - Modern World History (3-0-3)

Prerequisite: MCM 101

The purpose of this course is to examine key historical events in the modern era using social sciences approaches as a means to develop analytical and critical thinking skills. An emphasis is placed on how communications and media played a part in these global events. Topics include: Defining modern history; key historical events and developments since the end of the 18th century; First and Second World Wars; the end of the Cold War; the age of Globalization; unipolar world system; 9/11 and its repercussions; the international financial crisis; Arab world developments.

MCM 431 - Media Internship (3 Credits)

Prerequisite: 81 Credits & CGPA ≥ 2.0

An internship experience, of 150 hours, provides the student with an opportunity to explore career interests while applying knowledge and skills learned in the classroom in a work setting. The experience also helps students gain a clearer sense of what they still need to learn and provides an opportunity to build professional networks.

MCM 440 - Cinema Studies (3-0-3)

Prerequisite: MCM 101 & MCM 215

The aim of this course is to understand connections between the early days of film and contemporary through analysis and re-examination of the major areas of film theory and criticism. Topics such as Cinema modes of production, form, style, genre, aesthetics, media industries, critical analysis, and sociocultural and historical importance of the cinema. This course helps students build an appreciation for the art form and cultivates critical thinking about film, its major positions and issues in film theory and criticism.

MEC 305 - Mechanical Vibrations

(2-2-3)

Prerequisite: MTH 220

The course provides an in-depth understanding of vibration theory and its applications in engineering systems. Students will explore the fundamental concepts of vibrations, including free and forced vibrations of single and multi-degree-of-freedom systems, transient vibrations, and vibrations in continuous systems. The course emphasizes analytical techniques, numerical methods, and experimental approaches to model, analyse, and solve vibration problems. Advanced topics such as nonlinear and random vibrations, vibration control, and the use of finite element methods in vibration analysis are also covered. Through theoretical learning and practical problem-solving, students will gain skills to identify, analyse, and mitigate vibration issues in mechanical systems, ensuring reliability and efficiency in engineering designs.

MEC 307 - Mechanical Engineering Design

(3-0-3)

Prerequisite: ENG 122

The course provides a comprehensive introduction to the fundamental concepts and principles of mechanical design. It covers a wide range of topics essential for understanding and designing mechanical systems. Throughout the course, students will explore the constraints of structures and mechanisms and delve into the specifics of springs and their components. The course also covers critical elements such as bolted joints and lead screws, bearings, gears, and belt/chain drive systems. Additionally, students will study motors, tolerances, and materials, equipping them with the knowledge to make informed decisions in the design and manufacturing processes. Emphasis will be placed on practical applications and real-world problem-solving, preparing students for careers in mechanical and mechatronics engineering.

MEC 309 - Electro-pneumatic and Hydraulic Control Circuits

(2-2-3)

Prerequisite: PRE 252

This course covers the basics of pneumatic, electro pneumatic and hydraulic control circuits in a complex mechatronic system. Students will learn the functions and properties of control elements based upon physical principles, and the roles they play within the system. Technical documentation such as data sheets, circuit diagrams, displacement step diagrams and function charts will also be covered. By understanding and performing measurements on the pneumatic and hydraulic control circuits, students will learn and apply troubleshooting strategies to identify, localize and correct malfunctions. Preventive maintenance of (electro) pneumatic and hydraulic components as well as safety issues within the system will be discussed.

MEC 310 - Mechatronics Engineering

(3-0-3)

Prerequisite: ENG 301 & ELE 323

This course is an introduction to mechatronic systems, which require integration of the mechanical and electrical engineering disciplines within a unified framework. Topics covered in the course include: Low-level interfacing of software with hardware; use of high-level graphical programming tools to implement real-time computation tasks; digital logic; analog interfacing and power amplifiers; measurement and sensing; electromagnetic and optical transducers; control of mechatronic systems.

MEC 323 - Industrial Automation

(3-0-3)

Prerequisite: None

This course provides essential information for using and designing automated machinery. It emphasizes control systems and other relevant topics, including machine building, mechanical engineering and devices, manufacturing business systems, and job functions in an industrial environment.

MEC 324 - Mechatronics Systems Design

(2-2-3)

Prerequisite: MTH 220

This course explores the fundamentals and applications of mechatronics, emphasizing the integration of mechanical, electrical, and control systems. Students will learn about system modelling, signal conditioning, and the dynamics of mechatronic systems through practical examples and theoretical analysis. Topics include feedback control principles, PID tuning, and advanced control techniques applied to real-world scenarios. The course culminates in case studies showcasing the design, integration, and testing of modern mechatronic systems such as robotic arms, autonomous vehicles, and smart home technologies, preparing students for innovative engineering solutions.

MEC 407 - Graduation Project 1
(0-4-2)
Prerequisite: Completed 90 Credit Hours

This project allows the students to use their acquired learning to apply critical thinking, further develop their design skills, and innovate. The students are expected to complete a literature survey, develop a project plan, analyze requirements, and acquire the necessary material and steps for their intended project. Graduation Projects in an industrial environment with the co-supervision of an industrial expert are encouraged.

MEC 408 - Graduation Project 2
(0-4-2)
Prerequisite: MEC 407

In this course, students build upon their previous work to complete the final design, develop a functional prototype, and validate their proposed solutions. This phase allows students to demonstrate critical thinking, refine their design skills, and apply innovative approaches. The project involves implementing, testing, and analyzing the results based on the plans and preliminary designs created during Graduation Project 1. Whenever possible, projects carried out in collaboration with industry and co-supervised by an industrial expert are strongly encouraged to enhance practical relevance and real-world impact.

MEC 411 - Intelligent Systems
(3-0-3)
Prerequisite: MTH 130 & SWS 316

This is an introductory course into the field of artificial intelligence (AI). Its objective is to equip students with intelligence skills needed to tackle complex real-life problems such as advanced web search, speech recognition, face recognition, machine translation, autonomous driving, and automatic scheduling. In particular, the study is centered around the concept of intelligent agents that implement functions that maps perception sequences in to actions. Specific topics include Intelligent agents, problem solving by searching, constraint satisfaction, machine learning, game playing, Logic techniques, problems planning, dealing with uncertainty, Bayesian networks, Temporal probability models Decision networks, graphical models.

MEC 412 - Sensors and Actuators
(2-2-3)
Prerequisite: ELE 323

In this course, students are introduced to advanced concepts in sensing and actuation for mechatronics systems, including both traditional sensors and actuators an introduction to advanced topics in micro electromechanical system (MEMS) sensing, and smart materials.

MEC 414 - Programmable Logic Controllers
(2-2-3)
Prerequisite: ENG 315

This course teaches the fundamentals of PLC systems used in industrial automation. Students learn about PLC hardware, programming languages like Ladder Logic, and system configuration. The course covers troubleshooting and maintenance techniques for efficient operation. Practical applications in manufacturing and process control are explored. By completion, students gain the skills to design, program, and maintain PLC systems for various industrial processes.

MEC 415 - Computer Integrated Manufacturing (CIM)
(2-2-3)
Prerequisite: MEC 323

This course introduces the principles, concepts, and technologies of Computer-Integrated Manufacturing

(CIM), focusing on the integration of manufacturing systems with computer-based tools to enhance productivity, quality, and flexibility. Topics include the evolution of manufacturing systems, CAD/CAM, group technology, process planning, flexible manufacturing systems, robotics, automated material handling, quality control, and manufacturing information systems. The course also explores the role of artificial intelligence, just-in-time, and lean manufacturing techniques in modern production environments. Students will gain hands-on experience through case studies and laboratory experiments to understand the practical applications of CIM in industries. By the end of the course, students will be able to design, analyse, and implement integrated manufacturing solutions that align with real-world practices and emerging trends.

MEC 425 - Production Management for Engineers

(3-0-3)

Prerequisite: BUS 310 & MEC 411

Management theory and function; production cycles and planning; production system analysis and control; organization and policies in production planning and control; forecasting techniques; scheduling and sequencing; queuing models and line balancing; inventory management.

MEC 426 - Fluid Mechanics

(3-0-3)

Prerequisite: MEC 412

A first course in fluid mechanics. Includes stress and strain rate descriptions, fluid statics, use of differential and finite control volume analysis with continuity, momentum, and energy equations, Bernoulli and Euler equations, vorticity, potential flow, incompressible viscous flow using Navier-Stokes equations, dimensional analysis, pipe flow, boundary layers, separation, introduction to turbulence.

MEC 480 - Internship in Mechatronics Engineering

(3)

Prerequisite: 90 Cr. Hrs. & CGPA ≥ 2.0

This course provides students with practical experience in a real-world engineering environment. It enables them to apply critical thinking, solve real problems, and enhance their design and innovation skills through interaction with industry professionals. During the internship, students engage with actual tasks and challenges, manage responsibilities, define objectives, work within constraints, explore new ideas, and contribute to the development or improvement of devices, systems, or software.

MGT 202 - Principles of Management

(3-0-3)

Prerequisite: None

Effective management is a universal requirement of all organizations, whether large or small. This course introduces students to the roles, responsibilities, and functions of management and serves as a foundational course for subsequent business courses. Topics include: the Four functions of management: leading, planning, organizing, and controlling; Managing in a global environment; Organizational structure and culture; Strategic Management; Social responsibility and managerial ethics; Managerial Decision Making, and Managing teams.

MGT 210 - Business Report Writing

(3-0-3)

Prerequisite: LNG 172

Information and timely communication oils the wheels of an organization and it is becoming a critical factor to organizational growth and development. It is also a fact that organizations that effectively communicate enable managers to make the right decision and right time to succeed in achieving their intentions. This course is designed to comprehend professional knowledge of business communication and to sharpen your communication skills by paying close attention to developing purposive, clear, concise, communication styles and sensitivity to various managers' needs and interests. The course focuses on the fundamentals of the technical and business workplace report writing and communication such as memoranda, proposals, reports, instructional manuals, business letters and the elements of documents design. Although this course is focused primarily on business report writing and communication, many of the skills developed by students will be applied to any form of public report writing and communication.

MGT 220 - Organizational Behaviour

(3-0-3)

Prerequisite: None

Organizational success and performance is dependent upon employee commitment and well-being. Thus, the goal of this course is to enhance students' managerial and organizational skills by developing a sound understanding of the dynamics of individual and group behavior in organizations. It explores management styles, leadership styles, employee motivation and attitudes, team development, diversity, stress management, and employee relations. It also explores the impact of organizational structure and culture on employee performance.

MGT 231 - Legal Environment of Business
(3-0-3)
Prerequisite: LNG 172 & MGT 202

This course introduces the basic underlying concepts, principles and rules of law and equity that govern business activities. This course provides an overview of law in general; the UAE, the North American and British based legal systems, court procedures, Alternative Dispute Resolution, the different impacts of statutory and judicial law and administrative procedures. Students will also be introduced to contracts; company formation, employment law, products and premises liability, UAE anti money laundering and bribery laws, cybercrimes, business ethics, Value Added Tax (VAT) and business-related UAE Laws.

MGT 300 - Managing Family Firms
(3-0-3)
Prerequisite: MGT 202 & MGT 220

This course is designed to help students understand the nature of family firms and address the challenges that face them. Students will learn how to manage a family-owned business by applying the latest knowledge and management skills, while adhering to best practices in the field. The course covers topics which include family business dynamics, conflict management and communication, governance and succession, and family influence on HR, financing, and strategic decisions.

MGT 301 - Introduction to Business Analytics
(2-2-3)
Prerequisite: QBA 201

This course provides a comprehensive introduction to business analytics, which focuses on fundamentals concepts and tools needed to understand the emerging role of business analytics in organizations. It covers business data sources and visualization, descriptive, predictive, prescriptive analytics, and statistical modeling. Moreover, the course introduces data mining and machine learning analytics. Students will also learn practical applications of business analytics in lab sessions.

MGT 302 - Business Research Methodologies
(3-0-3)
Prerequisite: MGT 301

This course is designed to allow undergraduate students to explore the role of research in business decision-making. The aim is to introduce students to the terminology, concepts, processes and methodologies used in conducting research. Moreover, a major part of this course is dedicated to the development and completion of a business research project, thus enhancing students' skills, knowledge and competencies in conducting research. The students will also conduct data analysis in Excel, R and/or similar software for data analysis.

MGT 324 - Economic Sustainability
(3-0-3)
Prerequisite: ECO 221 & QBA 201

This course introduces concepts of Economic Sustainability starting with the historical overview of economic development. The course then moves to present approaches to measure wealth and wellbeing, cost benefit analysis, as well as valuing human life. In the final part of the course, students will deep dive on methodologies to estimate willingness to pay, crucial for cost benefit analyses.

MGT 350 - Global Sustainable Management
(3-0-3)
Prerequisite: MGT 202

The course aims to provide students with fundamental knowledge on the sustainable management in the

global context. It explains a range of key factors, activities, and competencies to maintain competitiveness underpinned by sustainable practices. The course will provide students with understanding of how sustainable management practices can be implemented in different industry sectors across the globe. The course focuses on aspects like strategic thinking and global sustainability management, triple bottom line, accountability and transparency, sustainability marketing, operations and supply chain management, ethics and corporate social responsibility in the context of sustainability, and sustainability culture and leadership.

MGT 361 - Operations Management

(3-0-3)

Prerequisite: MGT 202 & MGT 301

This course is comprehensive understanding of how organizational processes add value as they transform inputs to outputs both in manufacturing and services organizations. Students will understand, analyze, apply, and evaluate the multiple tools, techniques, models related to qualitative or quantitative data to be used in operations management for planning and decision-making to gain competitive advantage in various business settings. Students will also be able to develop models to manage challenges typified in common global business organization operations. Through a project, student will be guided in applying the various operations management techniques in appreciating an existing business process, solicits productivity improvement and eventually evaluate the proposed suggestion.

MGT 362 - Negotiation and Decision Making

(3-0-3)

Prerequisite: HRM 210

This course focuses on gaining an understanding of negotiation theory and procedures, which will enable the student to negotiate effectively in management and organizational settings. A broad range of business-related negotiation issues that include decision making strategies, positional power, organizational politics, ethics, and stakeholder management, are covered in this course. Students will also be given the chance to make decisions both individually and in groups, as well as exploring models of successful and ineffective decision-making.

MGT 370 - Managing Diversity

(3-0-3)

Prerequisite: MGT 202

This course explores perspectives toward a globally inclusive workplace and applies an interdisciplinary approach to provide students with an understanding of diversity from a global perspective. The course offers practical parameters to create an inclusive workplace and develop an organizational culture that embraces diversity. Additionally, the course will explore why diversity is fundamental for organizational success. The course considers contemporary challenges and best practices in developing and sustaining diverse, multicultural, and socially inclusive workplaces.

MGT 401 - Internship in Management

(3)

Prerequisite: 90 credits hours + Min CGPA 2.0

An internship experience provides the student with an opportunity to explore career interests while applying knowledge and skills learned in the classroom in a work setting. The experience also helps students gain a clearer sense of what they still need to learn and provides an opportunity to build professional networks.

MGT 404 - Business Ethics and Social Responsibility

(3-0-3)

Prerequisite: MGT 231

This course introduces students to the importance of ethics and social responsibility in business context. This course seeks to bridge the gap between personal moral choices and the business challenges presented by organizational activity in the marketplace. The purpose of this course is to increase students' awareness and understanding of ethical issues in business, prepare them to recognize and manage ethical issues in one's working life at the individual, organizational, and societal levels.

MGT 416 - Leadership

(3-0-3)

Prerequisite: MGT 220

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.

MGT 430 - Change Management

(3-0-3)

Prerequisite: HRM 210 & MGT 220

The course provides students with an understanding of the theories, models, and practices involved in effectively managing organizational change. Students will explore the key concepts and principles of change management, including the drivers of change, change processes, and the role of leadership in facilitating successful change initiatives. Emphasis is placed on developing strategies for navigating resistance, promoting employee engagement, and fostering a positive change culture within organizations.

MGT 470 - Strategic Management

(3-0-3)

Prerequisite: HRM 210, ECO 221, ECO 222, FIN 202, MKT 201, MGT 361 and 90 Credits

This course approaches the understanding of the total enterprise from senior management's point of view, the operating environment, management's overall objectives and strategic plan and the implementation and execution of the chosen strategy. It is concerned with managerial decisions and actions that affect the performance and survival of business enterprises. It is concerned with managerial decisions and actions that affect the performance and survival of business enterprises.

MGT 471 - Project Management

(3-0-3)

Prerequisite: MGT 202

In this course, students will learn about the main Project Management knowledge areas and activities of the project manager. Students will explore the project life cycle, principles, processes, and the different approaches to project planning. Topics include the roles of the project manager and team, and the project management activities such as project selection, initiation, planning of scope, schedules, budgets, and strategies for managing risks, quality, communication issues, as well as closure.

MGT 472 - Organization Culture

(3-0-3)

Prerequisite: MGT 202

This course provides an in-depth exploration of organizational culture, an integral aspect of any thriving business environment. Students will begin by examining what organizational culture is, understanding its components, and recognizing its pivotal role in shaping behaviors, attitudes, and overall performance within an organization. The course will illustrate why top-performing cultures are not a matter of chance but the result of deliberate and strategic efforts.

We will also delve into the intricacies of organizational structure and its influence on culture, learning how to identify and define core values that resonate throughout an organization. The course will address the essential skills needed for today's dynamic work environment and those that will be critical in the future. Additionally, students will gain insights into attracting and retaining the right talent, understanding the importance of aligning recruitment and retention strategies with the organization's cultural values. Further topics include fostering employee engagement and motivation, developing effective total rewards systems, and promoting diversity, inclusion, and a sense of belonging within the workplace. Through case studies, interactive discussions, and practical assignments, students will learn how to cultivate a strong, adaptive, and inclusive culture that drives organizational success. By the end of the course, students will be equipped with the knowledge and tools to contribute to and lead cultural initiatives in any professional setting.

MGT 473 - Workplace Mental Health and Wellbeing

(3-0-3)

Prerequisite: MGT 220

This course delves into the importance of fostering mental health and wellness in the workplace as a broader management concern, emphasizing the benefits that healthier work environments offer to businesses, individuals, and entire communities. The course is designed to address two key areas: promoting overall mental wellbeing within the workforce and providing tailored support to employees facing mental health challenges. Students will examine the factors that contribute to a positive sense of wellbeing in the workplace, including meaningful and challenging work, independence, and supportive social interactions.

MGT 474 - Leading with Emotional Intelligence

(3-0-3)

Prerequisite: MGT 220

This comprehensive course explores the essential tasks of management, focusing on the intricacies of the operating environment, objectives, strategic planning, and effective execution. Emphasizing emotional intelligence and a champion mindset, it guides participants through decisions and actions that shape performance and drive business success. Participants will gain critical skills to navigate challenges, foster emotional resilience, and excel in management roles, ensuring they are emotionally strong and consistently self-motivated to overcome obstacles.

MGT 475 - Persuasion and Influence

(3-0-3)

Prerequisite: MGT 362

This course provides students with the understanding that the duties and responsibilities of business owners and professional leaders revolve around persuasion and influence. These theories are applied to create and strengthen communities, disseminating information, and cultivating trust. Students learn that leaders must investigate workplace dynamics, enterprise requirements, and brands to comprehend influence and persuasion. To determine and create tactics for persuasion and influence of targeted audiences, students will investigate the meaning and significance of entrepreneurial characteristics within a business context. The course materials help students to learn communication, team building, critical thinking and creative problem-solving skills that can develop and nurture entrepreneurial opportunities across competitive business environments.

MGT 480 - Applications of AI in Business

(3-0-3)

Prerequisite: MGT 301 & SWS 351

This course is an introduction to AI Technologies and Data Analytics for Business. The course aims to provide students with fundamentals of AI and ways of using AI in core business functions like marketing, human resources, accounting and finance, or supply chain and logistics to achieve competitive advantage. The course will also discuss key the risks, as well as ethical and legal considerations in using AI for Business.

MIT 602 - IT Services and Operations

(3-0-3)

Prerequisite: None

This course is an introduction to the concepts, principles, and practices of successful IT service operations management. Emphasis is on ITIL (Information Technology Infrastructure Library) practices. This course prepares students to identify and apply appropriate management processes to ensure efficient, effective, and quality oriented IT service operations, while achieving operational excellence. Topics covered include: the role of IT services for strategic positioning, new service development process, Service operation processes, implementing service operation, managing IT service expectations, service management, and service quality improvements.

MIT 604 - Blockchain Technology

(3-0-3)

Prerequisite: None

This course addresses the high-level potential of Blockchain technology and the distinct gap between high-level and deep technical concepts. In addition, it enables students to understand and evaluate how Blockchain technology can transform their organizations' business processes and models. Furthermore, this course will introduce students to various real-world examples, implementation approaches, and industry-specific and cross-industry use cases.

MIT 606 - IT Governance and Management
(3-0-3)
Prerequisite: None

This course enables students to understand the relationship between governance and management of IT within organizations. It focuses on strategic alignment between IT planning and business, the analysis of the organizational structure, processes and capabilities for managing the value of IT investments, the establishment of indicators and scorecards (BSC IT KPI), and defining roles/responsibilities for IT leadership and involvement in governance. This course will also address the implementation of policies and processes consistent with international best practices and risk monitoring and compliance with laws and regulations. These different approaches will be analyzed through COBIT, Val IT and ISO 38500.

MIT 607 - Strategic IT Planning
(3-0-3)
Prerequisite: None

This course provides students with the knowledge and skills that allows them to produce a map of the enterprise information technology's structure that aligned with current enterprise strategies. The aim is to innovate new Information Systems/Information Technology (IS/IT) strategies toward improving its performance and development that will service and enhance the business competitiveness. Students learn how to strategies digital technologies and build IS/IT systems that aligns with enterprise operational objectives. Upon appreciating strategic management and IS/IT strategic implication, students will establish processes for developing digital strategies that will align with business operations and strategy. Through innovative technology, systems and information; business enterprise will exploit IS for strategic advantage. The course will appraise tools and techniques to determine business information systems strategy as well as managing business application portfolio. It will also focus a framework for the strategic management of IS/IT service and IT infrastructure.

MIT 621 - Data Sciences
(3-0-3)
Prerequisite: None

The course introduces students to the principles of data science and data-thinking. It focuses on data science concepts as applied to practical business problem. Students will learn about predicting an event occurrence, decision analytical thinking, assessment of model performance, statistical method data mining, and business strategy.

MIT 622 - Data Analytics for Managers
(3-0-3)
Prerequisite: MIT 621

This course prepares students to understand business analytics and become leaders in these areas in business organizations. It teaches the scientific process of transforming data into insights for making better business decisions. It offers real-world guidance on how to leverage data into a competitive advantage. Additionally, it covers Hadoop, data warehousing, big data, social media, security, cloud technologies, and future trends. Case studies are used as examples to place business analytics techniques in context and teach students how to avoid the common pitfalls, emphasizing the importance of applying proper business analytics techniques.

MIT 623 - Business Intelligence
(3-0-3)
Prerequisite: None

Enterprise needs greater control on their voluminous informational overload due to their megatrends customer-centric business model. Adopting managerial approach, this course introduces students to business intelligence as data analytic ecosystem that evolves and as applied in industries. It provides overview on statistics for the purpose of descriptive analytics and data visualization in intelligent decision-making. The course introduces data simulation based on predictive and prescriptive analytics to appraise multi-dimensional information from "data lake". It will also critically appraise the application of analytics to text, web and social media; and latest emerging trends such as location based and cloud-based analytics. The course concludes privacy and ethical considerations in analytics.

MIT 631 - Cloud Computing

(3-0-3)

Prerequisite: None

The course will cover the field of Cloud Computing that was introduced to offer computation, storage, and application hosting services and to provide coverage in several continents, offering service-level agreements (SLA)-backed performance and uptime promises for their services. The course will be covered from the description of the fundamentals up-to the recent topics in research and development. Lectures will be conducted by the Instructor to cover fundamental topics and students will be engaged to explore research papers that deepen the fundamental concepts and expose the state of the art. The focus will be mainly on research aspects that touch upon the elements of IT Management and Governance that emerge from using the Cloud Computing as a model of providing It services to a Company.

MIT 632 - Edge and Fog Computing

(3-0-3)

Prerequisite: MIT 631

The course introduces students to the merging field of Edge Computing that has been introduced as a necessity for fastening urgent computing needed close to where data is generation for faster and more efficient processing and Analytics application in order to feedback faster on urgent decisions. The course will explore research, frameworks, and platform design issues related to Edge and Fog Computing with an emphasis on the application of AI and Data Analytics.

MIT 633 - Cybersecurity

(3-0-3)

Prerequisite: None

This course covers various aspects of Cybersecurity from theory to practice. Covered Topics include: Security Policies, models, and mechanisms; Security threats; vulnerabilities and countermeasures; Risk analysis; Access control based security; password-based security; authentication and authorization; multilevel security; Operating system security; Network attacks; database security and attacks; Firewalls and intrusion detection systems; Ethical hacking principles.

MIT 700 - Dissertation

(6-0-6)

Prerequisite: 21 Cr. Hrs. & CGPA ≥ 3.0

This course allows students to carry out an in-depth research on a topic of their own choice, within management science, under supervision. First, the student will select a researchable topic of their choice for the dissertation, articulate the research problem, and perform a literature review that motivates the problem selection and the development of the research hypotheses. Second, the student will outline the research design, sources of data, and the statistical techniques to be used for the analysis. Once the proposal is accepted, the student will continue working on their dissertation. The student will complete the literature review, collect the relevant data, carry out the statistical analysis, interpret the results, and produce a draft of the dissertation. Third, the supervisor will critically read the draft and provide feedback. In the final phase, the student will orally defend the dissertation in front of the MITM examination committee.

MKT 201 - Principles of Marketing

(3-0-3)

Prerequisite: LNG 171 or LNG 181

This course introduces students to the field of marketing to attain an understanding of the analytical techniques required to develop successful marketing strategies. Theoretical and conceptual issues in marketing are discussed, along with their implications in formulating marketing strategies, as well as examining the managerial focus on the external environments and decision elements of marketing (promotion, price, product, distribution) faced by marketing management at the corporate and entrepreneurial levels of business.

MKT 208 - Consumer Behaviour

(3-0-3)

Prerequisite: MKT 201

This course treats the consumer as a decision maker. It examines social, cultural, and psychological influences on purchasing decisions while emphasizing their implications for marketing strategies, as well as the factors

in human behavior which influence the choice, and the use of products and services offered in the for-profit and nonprofit organizations in our society. Topics include Consumer Decision Making Process, Marketing Regulation and Consumer Behavior, Ethics, Cross-Cultural Variations in Consumer Behavior, Memory & Product Positioning, Motivation, Personality & Emotion, Commitment & Consistency, and Consumer Decision Making Process.

MKT 230 - Professional Selling

(3-0-3)

Prerequisite: MKT 201 for BBA | AIMC 210 for BA in Communication

This course offers a comprehensive introduction to the sales process, focusing on the development of effective sales presentation skills to address customer needs and preferences. It delves into the career and role of the professional salesperson, emphasizing the importance of relationship marketing, ethical practices, and building strong customer connections. Key topics include the psychology of selling, communication strategies for relationship building, and essential sales knowledge related to customers, products, and emerging technologies. Students will also explore the critical elements of a successful sales presentation, learn various presentation methods, and understand the lifeblood of selling. By the end of the course, students will be equipped to craft impactful and customer-centric sales presentations that drive meaningful results.

MKT 301 - Digital Marketing

(3-0-3)

Prerequisite: MKT 201

This course provides a comprehensive view of digital marketing with a focus on the interaction between marketing functions and information technology from a non-technical perspective. Students will be able to develop a digital marketing plan that uses a strategic approach focusing on market analysis and performance metrics in the dynamic digital world. The course focuses on the specialized discipline of direct and digital marketing, which prioritizes the customer as the central focus of business activities. This module will expand on existing marketing knowledge of students and equip them with the expertise to excel in Digital Marketing. Students will gain a comprehensive understanding of the unique aspects of Digital Marketing, including its unique market analysis and crafting marketing strategies.

MKT 306 - Social Media Advertising

(3-0-3)

Prerequisite: MKT 201

The course intends to provide the necessary knowledge and practical abilities to create marketing and advertising strategies that capitalize on the opportunities inherent in social media and social interactions to achieve business objectives. This course introduces students to an understanding of how social media offers a wide variety of channels for marketers to communicate with their current and potential customers. The students will learn to analyze the several social media platforms that are available to marketers, leading towards developing social media advertising strategies, and discuss how to measure their effectiveness. The goal of this course is to help students comprehend how social media's rise and changes to many underlying contextual factors like the considerably faster diffusion of information among consumers have affected marketing and advertising practices.

MKT 320 - Retailing

(3-0-3)

Prerequisite: MKT 201

This course offers an in-depth exploration of the dynamic retail landscape, focusing on both the UAE and global markets. It equips students with the knowledge and skills necessary to navigate and excel in the retail sector. Key topics include developing and sustaining strong customer and stakeholder relationships, strategic retail planning, and analyzing retail institutions based on ownership and strategic positioning. Students will also gain insights into consumer behavior, market research, trading-area analysis, and site selection. The course delves into the development and implementation of merchandise strategies, pricing techniques, and the creation and maintenance of a compelling retail image. Through practical case studies and industry examples, students will develop a comprehensive understanding of modern retail practices and their application in a competitive business environment.

MKT 330 - Digital Luxury
(3-0-3)
Prerequisite: None

This course is designed to enable the student to understand the different digital 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. 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.

MKT 350 - Luxury Marketing
(3-0-3)
Prerequisite: MKT 201

This course is designed to enable the student to understand recent market developments in the luxury market and identify the fundamental characteristics of luxury marketing. Moreover, students will be able to differentiate between key elements of luxury marketing and conventional marketing. The emphasis is on developing a foundation for future luxury marketing studies. Topics include: Diverse Definitions of Luxury, Key Characteristics of Luxury, Luxury Products and Luxury Brands, The Luxury Market in the Middle-East, Product, Price, Place and Promotion Requirements for Luxury Goods, Potential for Luxury Brands in the Context of Web 2.0.

MKT 364 - Services Marketing
(3-0-3)
Prerequisite: MKT 201

This course introduces students to the field of services of marketing to attain an understanding of the key concepts of services marketing and how they can be used to create competitive advantage for businesses. The services marketing course represents an additional resource for the students to cope with the challenges of marketing and managing a service. To achieve this aim, we build upon, and expand, marketing management concepts and models, demonstrating how they apply to the services sector.

MKT 371 - Brand Marketing
(3-0-3)
Prerequisite: MKT 201

This Brand Marketing course highlights the critical role of branding within integrated marketing communications. Students will explore the strategic value of brands, examining essential branding elements within the broader marketing framework. Key topics include understanding brand fundamentals and brand management, building, maintaining, and protecting brand equity, and measuring brand performance. The course also covers strategic brand positioning, linking business strategy to brand strategy, and effectively managing brands over time. Additionally, students will learn to create and lead brand-oriented organizations, considering factors of time, geography, and culture for a comprehensive, global perspective on brand management.

MKT 401 - Internship in Marketing
(3)
Prerequisite: 90 credits hours + Min CGPA 2.0

An internship experience provides the student with an opportunity to explore career interests while applying knowledge and skills learned in the classroom in a work setting. The experience also helps students gain a clearer sense of what they still need to learn and provides an opportunity to build professional networks.

MKT 430 - Marketing Research
(3-0-3)
Prerequisite: MKT 208 & MGT 301

This course addresses the methods and procedures for collection, interpretation, and use of primary and secondary data in marketing. Topics include Marketing Research Process, Research Design and Implementation, Standardized Sources of Marketing Data. Qualitative and Observational Method, Survey Methods, designing the questionnaire, Sampling fundamentals, fundamentals of data analysis, Hypothesis Testing, Discriminate analysis and canonical analysis, Factor and Cluster Analysis.

A key to business success is obtaining abundant valid, reliable, relevant customer information. This course provides a thorough grounding in the fundamentals of obtaining, analyzing and presenting this information. Students first learn to develop useful research questions and appropriate research designs. They then develop questionnaires, gather and analyze data and present results.

MKT 465 - International Marketing

(3-0-3)

Prerequisite: MGT 361

This course is designed for students from the Marketing Program, it addresses the decision making as well as policy formulation for international level marketing operations with respect to various aspects (cultural, social, political, legal and economic) of global environments. The course is designed to train students in UAE regarding the sale-based marketing and purchase-based marketing of international products and services to and from the UAE. Topics include Global marketing imperative, international trade institutions and trade policy, cultural environment, economic environment, political and legal environment, strategic planning, international marketing research, market entry and expansion, product adaptation, export pricing strategies, marketing communication, distribution management, global services.

MKT 466 - Marketing Management

(3-0-3)

Prerequisite: MGT 220 & MKT 430

This course is the capstone course of the Marketing Program. It focuses on the analysis, planning, implementation, and control of marketing initiatives in a competitive marketing environment. The topics include marketing planning, understanding the environment and the competition, understanding the buyer, market segmentation, positioning, and branding, marketing research and information, product and service decisions, new products, distribution, and supply chain management, designing effective promotion and advertising strategies, direct marketing, sales promotion & public relations, selling & sales management, the future of marketing.

MPH 500 - Principles of Public Health

(3-0-3)

Prerequisite: None

This course covers the major concepts and principles of public health and health status in communities with emphasis on the multidisciplinary approach to public health, community health, health determinants and related diseases and conditions. 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.

MPH 501 - Fundamentals of Environmental Health

(3-0-3)

Prerequisite: None

This course introduces the students to the concept of environmental health and its importance in contributing to sustainability. It covers the environmental systems and different physical, socio-economic, and political interactions that affect human health. It focuses on assessment, prevention, and control of environmental hazards that pose risks to humans, animals, and ecosystems.

MPH 502 - Fundamentals of Healthcare Management

(3-0-3)

Prerequisite: None

This course provides a comprehensive overview of the main elements of health care management. The course facilitates discussion about the healthcare management functions and the overall healthcare environment, discusses the difference between management and leadership, and develops an understanding of the different management functions in healthcare organizations. In addition, the course examines the future trends in healthcare management and discusses ethical and social issues important to the field of health information management.

MPH 600 - Determinants of Health

(3-0-3)

Prerequisite: None

This course examines the social determinants of health from an interdisciplinary perspective, focusing on social inequalities and well-being and discusses the key factors which can lead to poor quality of life and health. The course considers the interrelationships among health and poverty, child abuse and neglect, education inequality, lifestyle challenges, unemployment, mental health and human distress, environment, obesity, and food security. The course will also enable public health students to identify and employ the most appropriate health care, social and economic interventions to support those at the edge of the community. The course compares between a Canadian perspective and the international perspective of social determinants of health mentioned above.

MPH 601 - Epidemiology for Public Health

(3-0-3)

Prerequisite: None

This course covers the fundamentals of epidemiology. Topics include basic epidemiologic principles, descriptive epidemiology, epidemiological study designs and applications, epidemiological data measurements, bias and confounding, surveillance and screening, epidemiology of infectious diseases and global outbreaks, epidemiologic aspects of work and the environment, social, behavioral, and psychosocial epidemiology, and epidemiology and health policy.

MPH 602 - Biostatistics

(3-0-3)

Prerequisite: None

This course introduces students to methods and concepts of statistical analysis and sampling, with special attention to those occurring in public health. Topics include sources of data, descriptive analysis and data visualization, probability and distributions, estimation, tests of hypotheses, types of error, significance, confidence levels, sample size and power, and regression analysis.

MPH 603 - Studies in Environmental Health and Sustainability

(3-0-3)

Prerequisite: None

This course introduces the students to the concept of sustainability from an environmental perspective. The course focuses on environmental quality impacts, natural resources management, risk assessment, sustainable designs, environmental justice, and sustainable governance. A particular emphasis will be given to sustainable development and the challenges and opportunities to sustainability in practice.

MPH 604 - Health Leadership and Management

(3-0-3)

Prerequisite: None

This course provides a comprehensive overview of the main theories, principles, and functions of health management. It also introduces to the student various aspects of leadership such as styles, models, and practice needed in the healthcare settings to make the healthcare delivery effective and efficient. The course discusses the interrelations and distinction between leadership and management and how and when both are applied and used in healthcare. The course provides the students the required knowledge and understanding about the key functions and processes of healthcare management that are needed to run the organizations such as planning, human resource and financing management, information and technology, quality management, and ethics and law compliance. The course addresses current challenges and problems that healthcare management and leadership are facing at the local and international levels, and it provides the skills and competencies to examine and analyze the problems related to leadership and management and essentially train the students how to propose useful solutions and recommendations to improve the performance and outcomes of healthcare leadership and management at the systems, institution, and individual levels.

MPH 605 - E-Health Innovation

(3-0-3)

Prerequisite: None

The course enables learners to practice the process of innovation to improve the quality and delivery of health care and services. This course provides students with introductions to various health innovations, including pathways, technology, techniques and outcomes. Students will examine where changes to the

health system should be made and where opportunities for improvement arise. Students will apply entrepreneurship processes and concepts to address these opportunities and develop business plans and to address them.

MPH 606 - Occupational Health and Safety

(3-0-3)

Prerequisite: None

This course overviews the principles of occupational health and safety. Students in this course will identify occupational hazards, work related injuries and illnesses in workplaces and then propose monitoring, prevention, and management techniques to decrease negative impacts on workers. Moreover, it covers national and international occupational health and safety legislations and regulations.

MPH 607 - Public Health Policy and Advocacy

(3-0-3)

Prerequisite: None

This course provides a broad overview of the fundamental elements of public health policy and advocacy. It discusses concepts, frameworks, approaches, and strategies to promote evidence-informed policymaking in public health. Students are provided with the skills to define and frame policy problems and assess underlying factors, develop and frame policy options, and assess options regarding benefits, harms, risks, stakeholder reactions, and implementation considerations. The course is structured to address the following public health policy and advocacy topics, including the process of public health policy formulation, interrelationships with other systems and factors, stakeholders involved and their roles, financial and economic consideration of public health policy, healthcare quality, and people's health rights and the role of health and legal systems in protecting them. The course also focuses on advocacy and its effective role in the policymaking and change process. During this course, the students will learn and gain the knowledge, skills, and practical experience that improve the competencies of formulating public health policies, planning and implementing advocacy public health initiatives and campaigns, writing policy analysis, and evaluating public health policies and advocacy interventions in the local and international context.

MPH 608 - Health Promotion

(3-0-3)

Prerequisite: None

This foundation course introduces students to the fundamental principles and disciplinary concepts of health promotion nationally and internationally as well as emerging frameworks and approaches. This course ensures students acquire foundational knowledge and skills required for competent health promotion practice, understand the evidence for effective health promotion and its influence on policy, new perspectives and developments in health promotion policy and practice, and the impact of future social, economic and political trends.

MPH 609 - Research Methods in Public Health

(3-0-3)

Prerequisite: Completed 18 Credit Hours

This course will provide an opportunity to explore research ethics, design (quantitative and qualitative methods), collection and reporting of data, interpretation of findings and build a research topic on the current public health issues. The whole learning process starts from the development of a research question, and end with writing a research proposal and presenting research ideas in public health. Through the mix of texts, articles from the public health literature and course work, students will build skills for conducting research and evaluation.

MPH 610 - Dissertation

(6-0-6)

Prerequisite: MPH 609

The purpose of the course is for the student to write a scientific master's dissertation. The student will complete the literature review, collect the relevant data, carry out the statistical analysis, interpret the results, as well as presents finding of the research orally and in writing within the field of public health. The student will defend the dissertation in front of dissertation examination committee. Throughout the

dissertation work, a critical and scientific approach is necessary as well as the use of academic language both in written and oral communications.

MPH 620 - Practicum

(3-0-3)

Prerequisite: Completed 18 Credit Hours

This course is designed to provide students with opportunities to expand their awareness and understanding of the various fields of work and study that are impacted by the public health discipline and in which students in public health often develop careers. Students will engage in supervised work within the field of public health at a professional site of their choosing. They will coordinate their work with the practicum coordinator and worksite supervisor. This course offers an opportunity to get real-world experience in the broad field of public health to develop skills that will help them in their future career.

MPH 630 - Environmental Impact Assessment

(3-0-3)

Prerequisite: MPH 603

This course introduces the students to the principles, procedures, methods, and applications of Environmental Impact Assessment (EIA). The course focuses on the legal, policy, and regulatory framework and provides a link to EIA and sustainable development. The key steps of the EIA process will be explained, examples of EIA applications will be illustrated and other tools such as Health Impact Assessment, Social Impact Assessment, Strategic Environmental Assessment will be covered.

MPH 640 - Managing Performance in Health

(3-0-3)

Prerequisite: MPH 602 & MPH 605

This course introduces students to performance management and data analytics in public health. The course examines the methods and tools for performance management and data analysis in public health settings. Topics included quality management in healthcare, data tools for quality improvement in healthcare, how to develop quality teams, project management, and process redesign. In addition, the course examines how to develop predictive and analytic models that support quality management, and quality improvements.

MTH 105 - Introduction to Statistics

(2-2-3)

Prerequisite: None

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 sampling distribution of the mean and confidence intervals. The fourth part covers hypotheses testing of independence through contingency tables. The last part covers the linear regression analysis and correlation.

MTH 112 - Calculus I

(3-0-3)

Prerequisite: None

The course introduces the students to the fundamental concepts of calculus: limits, continuity, differentiation and integration; and trains them to apply these concepts to problems that arise in engineering, science and computing.

MTH 113 - Calculus II

(3-0-3)

Prerequisite: MTH 112

The course introduces techniques of integration, polar coordinates, and functions of several variables including partial derivatives and multiple integrals. In addition, students will develop the skills to apply these concepts to solve problems arising in engineering and computing.

MTH 114 - Linear Algebra

(3-0-3)

Prerequisite: MTH 112

This course will cover fundamental topics in modern linear algebra including Systems of Linear Equations, Matrices and Determinants, Vector Spaces and Inner Product Spaces, Linear Transformations, Eigenvalues, Eigenvectors, and Matrix Diagonalization. In addition, the students develop the skills to apply these concepts to solve problems in arising science and engineering.

MTH 120 - Discrete Mathematics

(3-0-3)

Prerequisite: None

The course introduces students to the foundational concepts in mathematics used in computer science. Students are exposed to the principles of logic, set theory, combinatorics, proofs, algorithms, tree structures, LCM and GCD. Applications to computer science and computing are presented.

MTH 130 - Probability and Statistics

(3-0-3)

Prerequisite: MTH 112

The course serves as an introduction to probability models and statistical methods for students in engineering, science, and computing. Topics include descriptive statistics, probability, conditional probability, discrete and continuous random variables and their probability distributions, correlation, and simple linear regression.

MTH 196 - Mathematics for Business

(3-0-3)

Prerequisite: None

The aim of this course is to introduce students with Applications of mathematical models and specialized calculus techniques required for problem solving and decision making in the business world. Topics include polynomial, exponential, logarithmic, matrices; integration, partial derivatives and their applications in solving problems in business sectors. The applications include mathematics of finance, including simple and compound interest and annuities; and systems of linear equations.

MTH 203 - Discrete Mathematics for Computing Science

(3-0-3)

Prerequisite: MTH 120 & BCS 102

The course covers main concepts of discrete mathematics, as it is used for applications in computing. The main topics include proof by induction, prime numbers theory applications such as RSA encryption, computational complexity, Big O, trees and their applications.

MTH 212 - Calculus III

(3-0-3)

Prerequisite: MTH 113

This course introduces advanced mathematical techniques in the analysis of infinite sequences, series, power series, and Taylor series. The course also covers fundamental topics in complex analysis. Throughout the course, students will develop the skills to apply these concepts to solve problems in science and engineering.

MTH 220 - Ordinary Differential Equations

(3-0-3)

Prerequisite: MTH 212

The course introduces the main concepts in differential equations and exposes the students and trains them on solving ordinary differential equations by several quantitative methods: first order ODEs, second and higher order linear ODEs, series solutions at ordinary and regular singular points, Laplace transforms, linear systems of differential equations. It also enables the students to relate the topics taught in the course to applications in engineering, science, and technology.

NET 100 - Fundamental of Digital Systems

(2-2-3)

Prerequisite: None

This course provides an introduction to digital systems by focusing on the principles and applications. Topics include: number systems and codes, logic gates, truth table and universal gates, combinational circuit, Karnaugh map, flip-flops and related devices, decoders, encoders, adders, multiplexers, binary adders, signed binary adders, counters and registers, code for detecting and correcting Errors, and simulations.

NET 105 - Microprocessors and Microcontrollers

(2-2-3)

Prerequisite: ENG 102 or NET 100

This course introduces the architecture, design, and applications of microprocessors and microcontrollers, covering key topics such as memory and I/O interfacing, addressing modes, and interrupting handling. Students will explore timers, serial communication (UART, SPI), parallel I/O ports, and real-time operating systems (RTOS). The course emphasizes practical applications through system design, case studies, and hands-on projects in robotics, IoT, and automotive systems. Advanced microcontroller capabilities are also covered, culminating in a final project presentation.

NET 110 - Computer Networks Fundamentals

(2-2-3)

Prerequisite: ENG 101 or NET 100

This course introduces networking technologies, models and concepts related to network communications. After giving an overview of Computer Communications and Networking, topics include: Networking basics- Types of networks, Reference Models; Networking Concepts and Terminology, Physical layer, Data Encoding and modulation techniques, Bandwidth utilization, Multiplexing, Network Hardware Components, Transmission media,, layers.; Introduction to Data Link Layer Concepts and IEEE LAN Standards.

NET 111 - Operating Systems Fundamentals

(2-2-3)

Prerequisite: ENG 210 or NET 105

This course will introduce the core concepts of operating systems, such as processes and threads, CPU scheduling, process synchronization, deadlock, Memory management, and file systems. The goal of the course is to introduce the principles underlying the design and implementation of contemporary computer operating systems.

NET 120 - LAN Switching and Routing

(2-2-3)

Prerequisite: NET 100 [NET 110 for BSEE Courses]

This course handles the theory and implementation of routing, switching and their associated protocols and algorithms which are the main elements in internetworking technologies. Topics include: Link Layer services and protocols, Bridging, Principles of LAN Switching, IEEE LAN standards, VLANs Applications, Concepts, and Standards, classfull IP addressing and sub netting, Principles of Routers and Gateways, Variable Length Subnet Masking, Classless Inter domain Routing, Route aggregation, routing algorithms, routing within an autonomous system (AS), variable subnet mask (VLSM), path determination algorithms, VLAN spanning-tree plus protocol (PVST+), EtherChannel, borderless networks, Rapid Spanning Tree Protocol (RSTP), standard link-state routing protocol OSPF.

NET 121 - Network Operating System

(2-2-3)

Prerequisite: NET 111

Characteristics of the Linux and Windows network operating systems; installation procedures; Security issues; Back up procedures and remote access; Directories and naming systems; Dynamic Host Configuration Protocol (DHCP); Domain Name System, Active Directory; Network File Systems.

NET 214 - Network Programming

(2-2-3)

Prerequisite: NET 120 & SWS 111

This course provides the student with the network programming skills that will enable him/her to develop distributed applications. The student will be exposed to the most up-to-date programming technologies including socket programming. Student will also learn how to solve problems related to concurrency and multi-client services through system multi-threading. The student will be able to experiment closely the above concepts through intensive hand-on lab session and develop programs using Python programming language.

NET 220 - Network Security and Administration

(2-2-3)

Prerequisite: NET 120

This course introduces security theory and practice. Several Security threats, Risks, Vulnerabilities, and countermeasures are explored and explained. Topics include: several viral threats such as Trojan horses, viruses, and worms; Identification, Authentication and Authorization; password-based security, multilevel security and Access control; overview of Cryptography, an Operating system security; Network attacks, Firewalls and intrusion detection systems; database and Cloud Computing security.

NET 221 - Communication Technology

(3-0-3)

Prerequisite: NET 120

Communications has experienced great development throughout the history. More interestingly, technology and telecommunications move back-to-back and the latest breakthrough which was the Internet and smart mobile devices have resulted in changing the telecommunications industry perspective. Therefore, this course provides the fundamental concepts and history in Evolution of Communication Technology and broadly covering topics related but not limited to Communicating Over Wires, from Wires to Waves, wireless-access networks, MANET, Ad Hoc, VANET, Flying Ad Hoc, Cloud Computing, Vehicular Cloud, Fog Computing, Edge Computing, SDS, 5G, IoT, IoE, IoV, Future Internet Architecture.

NET 222 - Wireless Networks

(2-2-3)

Prerequisite: NET 221 or COM 412

This course focuses on modern wireless communication and networking technology, and its support of various wireless applications. Topics include: an overview of Wireless Communications and a characterization of the Wireless Channel; Personal Area Networking technologies (Bluetooth, IEEE 802.15.x, Zigbee and IoT.), IEEE 802.11 Wireless LAN, Cellular Networks, 4G and LTE, 5G and 6G Networking, Mobile Applications and Mobile IP.

NET 310 - Network Management

(2-2-3)

Prerequisite: NET 222

This course covers aspects of Network management and protocols such as SNMP, CMIP and RMON. It gives an introduction of the ASN.1 encoding scheme. It covers in detail the organization, information, functional and communication models of the SNMP network management protocol. It gives an overview of the SNMPv2 and SNMPv3 and Remote Monitoring (RMON). In addition, it presents an overview of the Network Management Applications and provides highlights of some Network Management Tools and Systems.

NET 320 - Advanced LAN Switching and Routing

(2-2-3)

Prerequisite: NET 120

This course covers topics related to advanced Computer network concepts with a focus on the higher layers of the OSI model stack. It covers first topics of application layers such as Web and HTTP, DNS, P2P protocols. Then a coverage of the transport layer concepts and main protocols (TCP and UDP). An extensive coverage of Network addressing and of routing protocols (e.g., intra-network routing, RIP, OSPF, BGP, IS-IS, Hot-potato routing) is given next. Then the course covers concepts of Software Defined Networks (SDN), and Mobile Networking.

NET 403 - Mobile Security

(2-2-3)

Prerequisite: NET 220

This course provides in-depth understanding of the latest attacks and countermeasures--so they can leverage the power of mobile platforms while ensuring that security risks are contained. It also covers the wide range of attacks to mobile deployment alongside with ready-to-use countermeasures. Major topics include attacks that compromise networks and devices, attacks on mobile services, hacking cellular networks, attacks on Android and iOS Systems, fortifying mobile platforms, malware eradication. The course further includes topics such as mobile development guidelines for security, mobile device management and secure mobile payment systems.

NET 405 - Virtualization and Cloud Computing

(2-2-3)

Prerequisite: NET 320

This course covers a series of current cloud computing technologies, including technologies for infrastructure, virtualization, mobile computing. In addition, the course covers Platform, Software, Identity and Infrastructure as a Service. The course will also cover cloud issues and challenges and security. Students will learn to choose solutions, calculate costs, and compare between in-house and cloud solutions.

NET 406 - Cloud Architecture

(2-2-3)

Prerequisite: NET 405

This course covers the core design components needed to build scalable, high available and secure systems. The students will learn how to plan resources and technology stacks effectively. Students will explore, core architectural principles, and technologies for infrastructure using real-world examples. The course will also cover cloud issues and challenges related to scalability, availability and security. Students will learn to choose solutions, calculate costs and compare between in-house and cloud solutions.

NET 407 - CNET Project-1

(0-4-2)

Prerequisite: Completed 100 Credit Hours

This project provides the students with the opportunity to use the learning they acquired to: apply critical thinking, further develop their design skills, and innovate. The students are expected to complete literature survey; develop a project plan; analyze requirements and acquire the necessary material and steps for their intended project. Graduation Projects in industrial environment with the co-supervision by an industrial expert are encouraged.

NET 408 - CNET Project-2

(0-4-2)

Prerequisite: NET 407

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.

NET 410 - Enterprise Network Design

(2-2-3)

Prerequisite: NET 222

This course is about Network planning and design using a Top-Down Network Design Methodology. It covers analyzing business goals and constraints; Analyzing technical goals and tradeoffs; Characterizing existing network and current traffic; Carrying out a logical network design; Designing models for addressing and naming; Selecting switching and routing protocols; Developing strategies for network security and network management; Developing a Physical network design; Testing, optimizing and documenting network design.

NET 420 - Advanced Network Troubleshooting

(2-2-3)

Prerequisite: NET 222

This course provides a study into the latest troubleshooting strategies. It explores TCP/IP networking and its related Troubleshooting approaches. Traces the causes of Networking problems and explores and details network troubleshooting using windows tools and constructs. It also explores troubleshooting of virtual networks, mobile workers and BYOD Networking problems.

NET 480 - Internship in Computer and Network Engineering Technology (3 Credits)

Prerequisite: 90 Credits & CGPA ≥ 2.0

The course helps to provide students with opportunities to gain work experience in a real-world environment, practice critical thinking, solve real problems, and develop design and innovation skills by interacting with professionals on real work-related issues and devices, systems, or software. The student learns how to tackle real-world tasks, manage their duties, identify objectives, respect constraints, explore

new ideas, investigate practical issues, design new elements (device, system, software), and make decisions.

NNS 325 - The Business of Journalism

(3-0-3)

Prerequisite: None

The traditional business models are threatened by technological and demographic changes that are forcing a transformation of journalistic practice. Students will examine the new forms of journalism that exploit the new technologies, including blogging and citizen journalism, and the strategies being used and developed to monetize them.

PLX 111 - Imagining the Creative City

(2-2-3)

Prerequisite: None

This course begins with a critical overview of cities' historical contribution to creativity. Then we focus on governing, building and living in the creative city by exploring how the pattern and form of cities create opportunities and challenges to an urban future that embraces creativity. Topics covered will include gentrification, design of public space, public transit provision, civic engagement and economic development strategies.

PRA 200 - Writing for Public Relations

(3-0-3)

Prerequisite: MCM 201

This course introduces students to the form, style and technique of public relations writing. Students will generate public relations materials in a variety of formats, including news releases, media kits, speeches, newsletters, and broadcasting scripts for government institutions and business organizations. The course aims to enhance students' writing and editing skills necessary to succeed in a public relations career.

PRA 221 - Principles of Public Relations

(3-0-3)

Prerequisite: None

This course introduces students to the main principles used by Public Relations agents, especially those related to research, strategy, creativity, media planning, monitoring and evaluation. Students will create a public relations report suitable for several platforms. This course familiarizes students with PR professional skills and enables them to understand the strategic role of PR in the management of the brand and reputation building.

PRA 220 - Research Methods for PR

(3-0-3)

Prerequisite: MCM 140

This course presents an overview about research and its impact in Public Relations. In this course, students will design a research methodology and implement it in a real PR campaign. This course considers several aspects related to ethics, technology, social media, metrics, measurement tools, monitoring and data analysis. This course aims to help students collect, analyze and interpret quantitative and qualitative data to reduce the risk when taking PR strategic decisions.

PRA 230 - Online Public Relations

(3-0-3)

Prerequisite: PRA 220

This course aims to analyze, through best practices around the world, how PR agencies use internet, social media and mobile apps to launch and implement new PR campaigns focused on technology, metrics and stakeholders' expectations. Students will apply PR principles and key performance indicators to implement efficient campaign based on online platforms that help clients achieve their communication objectives.

PRA 301 - Crisis Communication

(3-0-3)

Prerequisite: MCM 101

This course covers the latest theories and innovative approaches for handling crisis including how organizations create the potential for opportunity, renewal, and growth through effective crisis communication. It includes concepts for turning the many challenges that crises present into opportunities.

It also addresses core issues of crisis leadership, uncertainty, communicating effectively, understanding risk, and promoting communication ethics.

PRA 411 - Brand Value and Reputation Management

(3-0-3)

Prerequisite: PRA 221 or AIMC 200

This course focuses on how PR experts build and disseminate the company's brand architecture (identity, values, mission, vision and image) through several platforms for influencing internal and external stakeholders and building a reputed brand collectively. Students will also learn how to quantify reputation from an economic point of view, as well as explain why this intangible input is important for companies and shareholders.

PRA 412 - Management in PR Agencies

(3-0-3)

Prerequisite: MCM 240

This course focuses on management and economic environments related to public relations: contracts between agencies and clients, remunerations models, legal framework, leadership and human resources. Students will learn how to integrate economic principles and managerial approaches in developing public relations business plans.

PRA 421 - PR Capstone Project

(3-0-3)

Prerequisite: PRA 221 & PRA 412

This is the capstone course for the Public Relations specialization. It is designed to integrate most of what has been learned in earlier courses in the communication and media (MCM) program and particularly in Public Relation courses. Working individually and/or in teams, students will produce a Public Relations campaign, related to a "real-world" case study. Professionals are invited to participate in the oral presentations and evaluation of the projects.

PRA 425 - International Public Relations

(3-0-3)

Prerequisite: PRA 200

This course explains to students the strategic role of public relations in global organizations, such as private companies, NGO, public authorities and governments. Students learn to analyze social, cultural and economic aspects in different countries, and implement customized Public Relations plans consistent with companies and stakeholders' interests. This course also covers the internal functioning of global public relations agencies.

PRA 430 - E-Portfolio and Internship II for PR

(3 Credits)

Prerequisite: MCM 431

This is a continuation of the Internship I course (MCM 430) with focus on the specialized industry of Public Relations. The student will also produce an e-portfolio summarizing her/his achievements and contributions in the workplace and a good variety of representative CUD coursework. The Internship course provides students the opportunity to apply the theoretical knowledge and practical skills they have acquired in the classroom in 'real-world' settings. Students must complete 150 hours in the institution where they are doing their internship.

PRE 361 - Power Electronics

(2-2-3)

Prerequisite: ENG 312

This course covers semiconductor devices, rectifiers, inverters, and DC-DC converters for AC and DC applications. Students analyze, design, and evaluate power electronic circuits for renewable energy and industrial motor drives. Emphasis is placed on switching techniques, efficiency optimization, thermal management, and system-level integration. Students develop the ability to implement reliable and high-performance power electronic solutions.

PRE 362 - Solar Energy

(2-2-3)

Prerequisite: DES 320

This course introduces solar radiation physics, photovoltaic (PV) systems, and solar thermal energy technologies. Students design and assess solar energy systems considering performance, shading effects, and system integration with the electrical grid. Emphasis is placed on energy yield estimation, efficiency optimization, and sustainability impact. The course cultivates skills in applying engineering analysis to solar energy design and deployment.

PRE 407 - Graduation Project 1
(0-4-2)
Prerequisite: Completed 90 Cr. Hrs.

In this initial stage of the graduation project, students focus on problem identification, component selection, and solution exploration. The course emphasizes rigorous literature review, feasibility analysis, and conceptual design development. Students investigate potential solutions, critically assess alternatives, and document proposed strategies. By the end of this stage, students are prepared to advance to prototype development with well-justified engineering designs.

PRE 408 - Graduation Project 2
(0-4-2)
Prerequisite: PRE 407

Building on the previous stage, this course guides students through prototype implementation, system assembly, and performance validation. Students optimize designs, conduct experimental testing, and refine solutions to meet technical and operational requirements. Emphasis is placed on applied problem-solving, analytical evaluation, and professional documentation. Graduates complete the project with a fully functional, tested, and field-ready energy engineering system.

PRE 471 - Wind Energy
(2-2-3)
Prerequisite: DES 320

This course explores wind energy principles, including turbine aerodynamics, blade design, power curve analysis, and wind farm layout optimization. Students analyze site assessment, turbine performance, and integration with electrical grids under variable wind conditions. The curriculum incorporates applied evaluation of structural, mechanical, and electrical aspects to maximize energy conversion and reliability.

PRE 472 - Electrical Drives and Converters
(2-2-3)
Prerequisite: PRE 361

This course develops knowledge of electric motors, adjustable-speed drives, and power converter topologies. Students analyze control strategies, dynamic response, and energy efficiency in renewable and electrified transport applications. The curriculum highlights integration with energy systems, evaluating performance, and ensuring operational reliability. Students acquire the ability to design and optimize high-efficiency electrical drive solutions for practical engineering applications.

PRE 473 - Energy Conversion and Storage
(3-0-3)
Prerequisite: PRE 361

This course covers energy conversion processes and storage technologies including batteries, supercapacitors, and fuel cells. Students examine system efficiency, capacity, charge/discharge characteristics, and integration with renewable energy networks. The course trains students to evaluate, size, and optimize storage systems for smart grid applications. Graduates gain competence in selecting and implementing energy storage solutions in real-world engineering systems.

PRE 474 - Power Transmission and Distribution
(2-2-3)
Prerequisite: PRE 361 & ENG 323

This course explores high-voltage transmission lines, substations, distribution networks, and protection schemes. Students investigate power flow, voltage regulation, fault analysis, and network reliability. Instruction focuses on optimizing system performance, maintaining operational stability, and integrating

renewable energy resources. Students develop the skills to design and assess safe, efficient, and resilient power transmission and distribution systems.

PRE 480 - Internship in Power and Renewable Energy (3)

Prerequisite: 90 Cr. Hrs. & CGPA $\geq$ 2.0

This internship immerses students in professional engineering environments within the power and renewable energy sector. Participants actively engage in project execution, system monitoring, and operational analysis, applying theoretical knowledge to real-world challenges. The experience develops problem-solving, communication, and collaboration skills while navigating practical constraints. Graduates emerge capable of contributing effectively to ongoing engineering projects and industry innovations.

PRE 481 - Smart Grids (2-2-3)

Prerequisite: PRE 474

This course examines smart grid concepts, including distributed generation, advanced metering, demand-side management, and grid automation. Students explore system integration, communication protocols, and coordination of renewable energy resources. Instruction encourages innovative solutions for optimizing grid performance and sustainability. Students develop the ability to plan, manage, and enhance future-ready, technology-driven energy systems.

PRE 482 - Power Systems Quality (2-2-3)

Prerequisite: PRE 474

This course examines smart grid concepts, including distributed generation, advanced metering, demand-side management, and grid automation. Students explore system integration, communication protocols, and coordination of renewable energy resources. Instruction encourages innovative solutions for optimizing grid performance and sustainability. Students develop the ability to plan, manage, and enhance future-ready, technology-driven energy systems.

PRE 486 - Digital Control Systems (2-2-3)

Prerequisite: ENG 315

This course introduces digital techniques for monitoring, automation, and control in power electronics and renewable energy systems. Students learn discrete-time system modelling, sampling, quantization, and the design of digital controllers for inverters, converters, and grid-interfaced devices. The curriculum integrates applied simulation, algorithm development, and system-level analysis to optimize performance, reliability, and energy efficiency. Graduates develop the ability to implement, evaluate, and refine digital control solutions in modern power and renewable energy applications.

PRE 487 - Electromagnetic Compatibility (3-0-3)

Prerequisite: ENG 222

This course addresses electromagnetic interference (EMI), susceptibility, shielding, grounding, and compliance with EMC standards in electrical and power electronic systems. Students analyze noise sources, model system coupling, and design mitigation strategies for converters, drives, and renewable energy installations. Instruction incorporates measurement techniques, predictive analysis, and practical engineering considerations. Students develop the competence to ensure safe, reliable, and standards-compliant electromagnetic operation in complex engineering systems.

PSY 101- Psychology I (3-0-3)

Prerequisite: None

This course introduces the fundamental concepts of Psychology, exploring its definition, history, and key theoretical perspectives. Methods for understanding human and animal behavior are introduced, along with an examination of how psychologists conduct research, focusing on research methods and data analysis. Core topics include the biological bases of behavior, variations in consciousness, sensation and perception, learning, memory, and theories of personality. Through essays, introductory research assignments, and oral

presentations, students will develop a foundational understanding of psychological concepts and their interconnections.

PSY 102 - Psychology II

(3-0-3)

Prerequisite: PSY 101

This course explores methods for understanding human and animal behavior, continuing the introduction to psychology. It integrates various areas of psychology by covering topics such as research methods, sensation and perception, memory, language and thought, intelligence and testing, motivation and emotion, development, stress and coping, community psychology, and social psychology. The course incorporates a range of methodologies, including observational studies, and psychological assessments, to provide a comprehensive understanding of these topics.

PSY 211 - Research Methods: Design and Statistics

(3-0-3)

Prerequisite: MTH 105

This course is designed to familiarize students with the strategies used to apply the scientific method to psychological questions. In this course, students will learn how to evaluate research to determine whether they can have confidence in its conclusions. Topics include an introduction to research methods, descriptive statistics, data organization and summary, probability, distributions, confidence interval estimates, hypothesis testing with one, two, or more than two samples, power and sample size determination, multivariable methods, non-parametric tests, and data visualization.

PSY 212 - Introduction to Cognitive Psychology

(3-0-3)

Prerequisite: PSY 102

This course examines psychological processes using a cognitive approach, focusing on perception, attention, memory, language, thinking, and problem-solving. Students will analyze cognitive theories, evaluate findings from empirical studies, and apply cognitive principles to at least two real-world scenarios within the domain of human information processing.

PSY 221 - Psychological Measurement and Testing

(3-0-3)

Prerequisite: PSY 211

This course covers the theory, methods, and applications of psychological tests and measurement. Students will learn the principles of constructing and evaluating psychological tests. The course includes a review of standardized tests measuring intelligence, aptitude, interest, and personality. Ethical considerations related to the use of psychological tests will also be discussed.

PSY 222 - Perception

(3-0-3)

Prerequisite: PSY 212

In this Perception course, students will explore three key methodologies—psychophysical, physiological, and behavioral—used to study four major sensory systems: visual, auditory, chemical, and mechanical. They will analyze research findings to understand how humans perceive and interact with their environment through four specific modalities: visual acuity (e.g., measuring spatial resolution in cycles per degree), auditory localization (e.g., identifying sound direction within 1–5 degrees), olfactory perception (e.g., detecting odor thresholds at parts per billion levels), and tactile sensitivity (e.g., assessing pressure detection in millinewtons). Through hands-on methodologies students will gain quantifiable insights into neural mechanisms underlying perception, deepening their understanding of the relationship between physiology, behavior, and sensory experience.

PSY 223 - Developmental Psychology

(3-0-3)

Prerequisite: PSY 212

This course provides a comprehensive exploration of human development from infancy to adulthood, focusing on key research findings and theoretical perspectives. It examines physical, cognitive, personality, and sociocultural development, highlighting their interactions across different life stages. Students will

explore topics such as motor development, language acquisition, socialization, identity formation, and cultural influences. Through theoretical frameworks, empirical research, and practical applications, they will develop a deeper understanding of developmental processes. Additionally, the course emphasizes critical analysis of research methodologies and theories, equipping students with the skills to evaluate and contribute to discussions in developmental psychology.

PSY 224 - Abnormal Psychology

(3-0-3)

Prerequisite: PSY 102

This course provides a comprehensive introduction to the theory and research surrounding psychopathology and abnormal behavior, offering a nuanced exploration of historical and global perspectives. Students will delve into the multifaceted nature of abnormal behavior, examining the interplay of biological, psychological, and societal factors in its manifestation and progression. With a particular emphasis on cultural sensitivity and diversity, the course will elucidate the role of cultural, personal, and interpersonal contexts in shaping abnormal behavior across different societies and communities. Through critical analysis of contemporary research findings and historical perspectives, students will gain insight into the complex interactions between individual predispositions, environmental influences, and societal norms in understanding and addressing psychopathology.

PSY 230 - Personality

(3-0-3)

Prerequisite: PSY 102

This course provides a scientific study of personality concepts and their real-world applications. Students will examine the structure of personality, methods for assessing personality traits, and factors influencing personality development. The course covers individual differences in at least five major personality traits, exploring both biological and environmental influences. Additionally, students will analyze how personality affects behavior and social interactions, as well as study personality disorders. By the end of the course, students will be able to describe key personality theories, evaluate personality assessment methods, and explain the impact of personality on behavior and mental health.

PSY 240 - Introduction to Learning

(3-0-3)

Prerequisite: PSY 102

This course provides a comprehensive overview of the principles and theories of learning, exploring how individuals acquire, process, and retain knowledge. Students will examine key psychological perspectives, including classical and operant conditioning, social and cognitive learning, memory processes, motivation, and the biological foundations of learning. The course also explores the role of emotions, intelligence, individual differences, and technology, including AI, in shaping learning experiences. Through a combination of theoretical study, hands-on experiments, case studies, and collaborative projects, students will critically analyze how learning applies to education, workplace training, and personal development. By the end of the course, students will be able to apply learning theories to real-world contexts, evaluate effective learning strategies, and understand the impact of cognitive and behavioral factors on knowledge acquisition and skill development.

PSY 250 - Biopsychology

(3-0-3)

Prerequisite: PSY 102

This Biopsychology course explores the roles of the central nervous system, peripheral nervous system, and hormonal regulation in shaping key psychological processes. Students will examine how these biological systems influence perception, motivation, learning, memory, cognition, and communication. Through a combination of theoretical study and practical applications, students will analyze specific mechanisms, measure their effects, and evaluate their impact on behavior and mental processes.

PSY 310 - Neuropsychology

(3-0-3)

Prerequisite: PSY 212 & PSY 250

Behavioural Neuroscience or neuropsychology is that discipline focusing on how the brain and its

physiological, genetic and developmental mechanisms shape behaviour. More specifically, this course examines methods of researching, recording and understanding the close relationship between brain and behaviour, while also discusses the ethics in developing, studying and applying this field in life. Many different neuroimaging tools are presented in this course to outline the above ways of research and development.

PSY 311 - Applied Social Psychology

(3-0-3)

Prerequisite: GED 150

This course explores the application of social psychology theories, research, and methods to contemporary social issues and challenges. It examines their impact in key areas such as health, environmental sustainability, law and criminal justice, social conflict, mass media, and international relations. Through real-world case studies and empirical research, students will analyze how social psychological principles shape human behavior and inform practical solutions to these pressing societal concerns.

PSY 312 - Clinical Psychology

(3-0-3)

Prerequisite: PSY 212

This course provides a comprehensive overview of clinical psychology, covering diagnostic and treatment procedures, available resources, and the professional duties and skills required of a clinical psychologist. It also explores the historical development of the field, along with contemporary challenges and issues faced by clinical psychologists today. The course employs interactive learning methods, including case studies to analyze real-world psychological disorders and treatment approaches, as well as role-play exercises to develop practical skills in assessment, diagnosis, and therapeutic interventions. Through these hands-on activities, students will enhance their critical thinking and professional competencies in clinical psychology.

PSY 313 - Educational Psychology

(3-0-3)

Prerequisite: PSY 223

This course explores the application of psychology in educational settings, focusing on key topics such as social, moral, and cognitive development. It examines various learning theories, effective instructional techniques, and the role of individual differences in education. Additionally, the course covers methods for evaluating learning outcomes and student progress.

PSY 321 - Organizational & Industrial Psychology

(3-0-3)

Prerequisite: PSY 311

This course provides an introduction to the scientific study of human behavior in organizational settings from a psychology perspective. It explores how psychological principles influence individuals, groups, and organizations. Topics include individual factors such as personality, attitudes, and motivation; group dynamics including teamwork, leadership, and conflict; and organizational-level aspects such as culture, nonprofit organizations, and NGOs. Through empirical research and real-world applications, students will gain insights into how social psychological theories can be applied to improve organizational effectiveness and workplace interactions.

PSY 322 – Psychotherapy

(3-0-3)

Prerequisite: PSY 224 & PSY 312

This course provides an in-depth exploration of core psychotherapy techniques and skills, equipping students with practical tools for effective therapeutic engagement. Students will learn essential active listening and reflective response strategies to build rapport and establish trust with clients. Special focus is given to nonverbal communication, narrative therapy, exposure therapy for anxiety and PTSD, and ethical boundary-setting in therapist-client relationships. Additionally, students will examine how emerging technological trends, such as teletherapy and AI-assisted interventions, are shaping modern psychotherapy. Through a combination of theoretical study, skill demonstrations, role-playing exercises, and case analyses, students will develop practical counseling competencies and complete a final project demonstrating their applied knowledge.

PSY 323 - Psychology of Exceptional Children, Youth and Adults

(3-0-3)

Prerequisite: PSY 223 & PSY 224

This course provides an in-depth examination of the psychological, educational, and social aspects of exceptional individuals across the lifespan. Topics include special education services, early intervention, and the impact of context on development and learning. Students will explore various exceptionalities, including communication disorders, learning disabilities, intellectual disabilities, autism, ADHD, and behavioral disorders. The course also addresses critical issues such as transitioning to adulthood for individuals with physical impairments and the role of inclusive practices in supporting their development. Through theoretical exploration and practical applications, students will gain a comprehensive understanding of the challenges and strengths of exceptional individuals, as well as evidence-based strategies for intervention and support.

PSY 324 - Psychological Counseling and Interventions

(3-0-3)

Prerequisite: PSY 312

This course introduces students to counseling approaches and intervention techniques, with a focus on family, couples, and crisis counseling. It explores the role of counselors in diverse settings, addressing marital conflicts, parenting challenges, crisis intervention, and ethical considerations. Students will gain practical skills in case conceptualization, intervention planning, and effective communication strategies.

PSY 331 - History of Psychology

(3-0-3)

Prerequisite: PSY 102

This course provides an in-depth exploration of the historical development of psychology as a scientific discipline. Students will trace key philosophical and scientific influences, examine the evolution of major psychological schools of thought, and consider the social, cultural, and technological contexts that shaped psychology. The course will also highlight the contributions of diverse theorists and movements from global perspectives.

PSY 332 - Positive Psychology

(3-0-3)

Prerequisite: PSY 102

This course explores how core psychological processes—such as perception, attention, memory, language, thinking, and problem-solving—contribute to human flourishing and optimal functioning. Emphasis is placed on understanding these processes through the lens of positive psychology, highlighting how they support emotional resilience, motivation, creativity, and well-being. The course integrates theoretical perspectives and empirical research, examining how cognitive mechanisms can be harnessed to foster happiness, personal growth, and meaning in life.

PSY 333 - Psychology, Media, and Communication

(3-0-3)

Prerequisite: PSY 102

This course explores the intersection of psychology, media, and communication, examining how media influences human perception, attitudes, and behavior. Topics include media effects theories, persuasion techniques, social media psychology, digital communication, misinformation, and ethical considerations in media content. Students will analyze real-world media case studies, engage in hands-on media creation, and explore psychological mechanisms underlying media influence and public communication. The course combines theory with applied activities to prepare students for careers in media, communication, and psychological research.

PSY 334 - Psychology and Business

(3-0-3)

Prerequisite: PSY 102

This course explores how psychological principles shape consumer behavior, marketing strategies, and business decision-making. Students will examine cognitive biases, behavioral economics, pricing psychology, and persuasion techniques in advertising and sales. The course also covers brand psychology, customer

loyalty, and the role of emotions in consumer choices. Through case studies, practical applications, and hands-on projects, students will gain insights into the psychological strategies used in business to influence decision-making and drive engagement.

PSY 335 - Career Tasks and Challenges in Psychology

(3-0-3)

Prerequisite: 60 Cr. Hrs.

This course provides students with an in-depth exploration of the diverse career paths within psychology, highlighting real-world tasks, ethical challenges, and professional demands. Weekly guest speakers representing various domains—such as clinical, industrial-organizational, forensic, sports, and school psychology—will share insights into their roles, responsibilities, and career journeys. Students will engage in reflective assignments, career mapping, and research projects to prepare for their own career development in the field.

PSY 400 - Internship

(3 Credits)

Prerequisite: 81 Credit & ≥ CGPA 2.0

The internship provides departmental students with the opportunity to apply their knowledge in the areas of Psychology. They are expected to investigate and analyse practical psychology issues, problems, or challenges, and ultimately participate in decision-making. 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. The internship course experience aims to prepare students to discover different tasks of their future professional career.

PSY 410 - Drugs and Behavior

(3-0-3)

Prerequisite: PSY 310 & PSY 312

This course provides an introduction to the role of drugs in modern society, with a focus on psychoactive substances. It covers both drugs of abuse—such as stimulants, depressants, opiates, nicotine, marijuana, and psychedelics—and psychotherapeutic drugs, including antipsychotics, mood stabilizers, antidepressants, and anxiolytics. The course examines the psychological and biological factors influencing drug use, as well as their effects on the brain and behavior. Additionally, it explores the social, cultural, historical, and legal dimensions of drug use, integrating principles of behavior psychology to understand drug-related behaviors and their broader societal impact. Topics range from general drug action mechanisms to in-depth discussions on specific drug classes.

PSY 411 - Environmental Psychology

(3-0-3)

Prerequisite: PSY 250 & ENV 201

This course introduces environmental psychology, a discipline that examines the complex interrelationships between individuals and their built and natural surroundings. It explores the bidirectional influence between environmental factors and human cognition, behavior, and psychological well-being. Additionally, the course offers insights into the methodologies employed by environmental psychologists to apply empirical research in optimizing human-environment interactions. Finally, it investigates how human activities shape and modify the environment.

PSY 412 - Experimental Psychology

(3-0-3)

Prerequisite: PSY 221 & PSY 313

This course introduces students to the fundamental principles of experimental psychology, including research design, hypothesis testing, and data analysis. Topics include experimental control, independent and dependent variables, validity threats, and ethical considerations in psychological research. Students will design, conduct, and analyze experiments, developing essential research skills. The course emphasizes practical applications in cognitive, social, and behavioral psychology, ensuring students gain hands-on experience in psychological experimentation and data interpretation.

PSY 413 - Health Psychology
(3-0-3)
Prerequisite: PSY 224 & PSY 250

This course explores how psychological theories and research methods in health psychology enhance our understanding of health and illness. It covers key health-related topics, including models of health and illness, stress and coping mechanisms, the psychological aspects of chronic and communicable diseases, and strategies for health promotion.

PSY 420 - Applications of Human Behavior Modification
(3-0-3)
Prerequisite: PSY 230

This course provides an in-depth exploration of behavior modification principles and their applications in various real-world settings. Emphasis is placed on the theoretical foundations of operant and classical conditioning, functional behavior assessment, reinforcement strategies, and self-management techniques. Students will engage in designing, implementing, and evaluating behavior change programs targeting personal, educational, clinical, and organizational behaviors. Ethical considerations and evidence-based practices will be central throughout the course.

PSY 421 - Cognitive & Behavioral Neuroscience Research
(3-0-3)
Prerequisite: PSY 211 & PSY 212

Students choose a relevant topic within neuroscience, develop a research plan, conduct the study, and produce a paper showcasing their understanding of both theoretical concepts and research methods. Throughout the course, students participate in regular group meetings with the instructor and receive individual guidance from a faculty advisor.

PSY 422 – Psychometrics
(3-0-3)
Prerequisite: 81 Cr. Hrs.

This course introduces students to the principles and techniques of psychometric assessment. Topics include test construction, reliability and validity, standardization, and ethical considerations in psychological measurement. Students will learn to critically evaluate psychological tests and scales used in various domains such as intelligence, personality, and aptitude assessments. Through practical applications, students will gain hands-on experience in administering, scoring, and interpreting psychological tests. The course emphasizes evidence-based methods and statistical techniques essential for designing and evaluating psychometric instruments.

PSY 450 - Graduation Project
(6)
Prerequisite: 81 CR. Hrs. & PSY 211

This course consists of conducting a research study in the field of Psychology 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.

QBA 201 - Business Statistics
(2-2-3)
Prerequisite: MTH 196 or equivalent

This course introduces fundamental elements of applied statistics. The course begins with descriptive statistics techniques to summarize data sets with a focus on their practical interpretation. It moves to an introduction to probability theory with focus on the Binomial, Poisson, Uniform and Normal distribution. Finally, the course culminates with the estimation and interpretation of linear regressions providing notions of predictive analytics. Statistical software such as Excel, R or similar, will be used in the weekly Lab sessions to show the notions which will be covered in the lectures.

RAI 401 - Robotics
(2-2-3)
Prerequisite: MTH 114 & MEC 324

This course provides a comprehensive overview of fundamental principles and applications. Students delve

into Robot Kinematics, understanding motion and positioning, followed by Robot Dynamics, exploring forces influencing movement. The course emphasizes Robot Control and Programming, covering techniques for effective command and control. Mobile Robots and Human-Robot Interaction are explored, addressing challenges and collaborative interfaces. Case studies on Soft and Bio-Inspired Robots offer insights into cutting-edge technologies and real-world applications in the dynamic field of robotics

RAI 403 - Machine Learning for Robotics

(3-0-3)

Prerequisite: MTH 120, RAI 401

This course explores how machine learning techniques can be applied to robotics, with a focus on enabling robots to learn from data and make autonomous decisions. Students will learn foundational methods like supervised learning, unsupervised learning, and reinforcement learning, and apply them to robotic systems for tasks such as predictive control, path planning, and decision-making. The course emphasizes the use of machine learning frameworks like Scikit-learn, PyTorch, and custom algorithms for robotic applications, focusing on real-world challenges like adaptive navigation, robotic manipulation, and predictive maintenance.

RAI 404 - Vehicle Automation Systems

(2-2-3)

Prerequisite: RAI 401

This course explores the technologies and innovations behind Autonomous Driving and Advanced Driver-Assistance Systems (ADAS). Students will learn about sensor integration, AI-driven perception, and real-time decision-making. Key focus areas include system development, safety testing, and global legal frameworks. The course also examines ethical challenges and future trends in mobility. Ideal for engineering, computer science, and transportation policy students.

RTA 101 - Introduction to Media Theory and Practice

(3-0-3)

Prerequisite: None

This course provides an introduction to major media and new media theories, art movements and creative practices of the 20th and 21st centuries. Students learn to think critically about artworks, creative experiments and media. The course culminates in a major assignment where each student delves deeply into a specific theory to examine artworks, current creative practice or the audience's relationship to media.

RTA 315 - Business of Creative Media

(3-0-3)

Prerequisite: None

An introduction to business practices and issues within the creative industries. Students are introduced to the business, operational and legal practices of the media. Students explore how these diverse businesses function within the regulatory environment domestically and internationally. Students learn about business applications, as well as the legal/regulatory framework that media professionals operate in, and will explore ethical issues for media and business in general.

RTA 402 - Social Media

(3-0-3)

Prerequisite: None

Students will learn how to leverage established and emerging social media platforms for specific purposes such as marketing, storytelling, research, branding, collaboration, etc. Through case studies and hands-on practice, students will gain an understanding of social media strategy, metrics, and best practices. The effects of social media on storytelling, media production, audiences and culture will be explored. This subject explores the technologies and development methodologies behind social networks. Beginning with a short history of group communication through technology, the course moves onto an examination of various social media platforms. Students work on creating and experimenting with various social media sites and platforms using a variety of digital tools.

RTA 404 - Advanced Media Management

(3-0-3)

Prerequisite: None

In this course, students will learn about organizational behavior in the media industry. Topics will include theories of employee motivation, individual behavior, interpersonal and organizational communication, perception and personality in organizations, work attitudes and values, team dynamics and effectiveness, organizational power and politics, conflict and negotiation, leadership, and stress management.

RTA 408 - Business of Producing 1

(2-2-3)

Prerequisite: None

From the vantage point of the independent producer, students study the business and legal aspects of independent productions. Students examine how producers work with broadcasters, content creators, film, radio, television producers, internet channels, interactive and transmedia platforms, funding agencies and financiers. Students also explore the business aspects of pitching (selling), developing, financing, producing, post-production and commercial exploitation/distribution of creative media properties.

RTA 415 - Legal Issues in Media

(3-0-3)

Prerequisite: None

This course will provide students with a general familiarity and understanding of the concepts and legal process inherent in the business of content production, broadcasting and communications and the typical forms of agreements employed therein. Topics to be covered include copyright, contracts, license agreements, clearance of program rights, financing and legal issues relating to the internet and multimedia. Issues in entertainment law will also be reviewed, as will government regulation of the broadcasting and multimedia industries.

RTA 418 - Ethics in Media

(3-0-3)

Prerequisite: None

This course explores ethical and legal case studies in a business context, analyzing problems that arise in typical broadcasting and new media environments as well as in film, television, and radio programming. The student's responsibility to society and the ethical choices they will be required to make are reflective of the legal framework (both regulatory and statutory) within which they will be working.

RTA 427 - Business of Music 1

(3-0-3)

Prerequisite: None

This course will explore the history of the music business, music industry organization and the roles of record companies, publishers, songwriters, unions and managers. Topics include A&R, marketing, promotion, sales, business affairs, finance and the use of music in film, TV, and advertising.

RTA 488 - International Media Storytelling

(3-0-3)

Prerequisite: None

This course explores the opportunities and challenges of developing media content for the world market. The course will focus on international co-production and distribution of television, internet and other platforms. It will include an exploration of the development process of being a storyteller and media producer and executive for a global audience.

SCI 210 - Modern Physics

(2-2-3)

Prerequisite: None

This course introduces the fundamental principles of physics, including waves and acoustics, thermodynamics, electromagnetism, optics, and modern physics. Emphasis is placed on the mathematical formulation of physical laws and their application to engineering problems. Students will develop analytical and problem-solving skills through theory and practice. Laboratory activities reinforce key concepts and experimental techniques. The course prepares students to apply physics in multidisciplinary engineering contexts.

SCI 220 - Engineering Mechanics

(3-0-3)

Prerequisite: None

This course covers fundamental concepts of statics and dynamics in engineering. Topics include force systems, equilibrium, motion, and structural analysis. Emphasis is placed on applying Newton's laws to solve practical engineering problems. It builds a foundation for analyzing mechanical systems in various engineering fields.

SCM 310 - Supply Chain Management (3-0-3)
Prerequisite: MGT 361

This course addresses the fundamentals of supply chain management. Topics include objectives and need for supply chain management, local and global sourcing, logistics management, supply chain operations, supplier relationship, customer relationship, purchase management, inventory management, location decisions, and competitive advantage.

SCM 314 - Global Supply Chain Management (3-0-3)
Prerequisite: MGT 361

Global supply chain management addresses both practical and strategic perspectives, offering learners a balanced and integrated approach to global supply chain management concepts, practices, technologies, and applications. Moreover, this course provides a comprehensive understanding of global supply chains with real-world insights into supply chain relationships, logistics management, inventory management, supply chain designs, and the challenges and issues inherent to globalization and international trade. It also covers information systems, global sourcing, facility location decisions, international carrier management and operations, importing/exporting procedures, customs issues, and more. The course further examines the role of IT in enhancing the visibility of material, product, and service flows across the public and private sectors worldwide. Global supply chain management is key to attaining sustainability and market growth through expanding market share.

SHS 100 - Principles of Public Health (3-0-3)
Prerequisite: None

This course covers the major concepts and principles of public health and the determinants of health status in communities with emphasis on health and the life causes. Topics include how individuals and environmental health relates to social, economic, cultural and psychological factors, principles of measurements of health status in the community, and the current achievements and future challenges in public health locally and globally.

SHS 103 - Chemistry (2-2-3)
Prerequisite: None

This basic course of chemistry introduces students to chemical symbols, formulae, and equations describing experiments. Topics include properties of materials, atomic theory, periodic table, chemical formulae, molecular and ionic compounds, measurement, chemical equations, moles, reaction stoichiometry, chemical equilibrium, acids, and bases.

SHS 104 - Health Economics (3-0-3)
Prerequisite: None

This course introduces the students to economic concepts and their applications in healthcare settings. Health Economics applies the tools of economics to different issues of the organization, delivery, and financing of healthcare. Topics covered include economic valuations of life and health, individuals as producers of their health, empirical studies of the production of health, health goods, market failures and justice, optimal health insurance contracts, risk selection in health insurance markets, physicians as suppliers of medical services, hospital services and their efficiencies, different forms of medical care provision, market for pharmaceuticals, political economy of healthcare, and future challenges of healthcare systems.

SHS 105 - Organic Chemistry (2-2-3)
Prerequisite: SHS 103

This introductory course covers the general principles of organic chemistry. Topics include electronic structure of elements, bonding and hybridization, resonance, acid/base in organic chemistry, organic compounds and their nomenclatures. Physical properties, structures, reactions, and mechanisms of hydrocarbons (alkanes, alkene, alkynes, and benzene), and alkyl halides.

SHS 111 - Fundamentals of Human Systems

(2-2-3)

Prerequisite: BIO 102

This course provides a comprehensive and integrated knowledge of the human systems structure and functions through understanding biological mechanisms and processes. Topics include: Human Body Structure and Functions (thorax, abdomen, limbs), Cardio Vascular System (Heart, Blood, Vessels), Digestive System, Muscular System, Nervous System.

SHS 200 - Global Health

(3-0-3)

Prerequisite: None

This course examines the social, economic, and cultural factors impacting the health of societies worldwide and identifies key global health conditions. Topics covered include measuring health, wealth, poverty and inequality, priority setting and 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 and obesity, chronic diseases and risk factors, challenges related to emerging infectious diseases, humanitarian emergencies, health service delivery, and access pharmaceuticals and technologies.

SHS 201 Healthcare Systems

(3-0-3)

Prerequisite: HOM 101

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 administration organization system network, management control system in health organizations, decision support systems in health organizations.

SHS 205 - Biochemistry

(3-0-3)

Prerequisite: SHS 105

This course 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 topics: biochemistry and water, protein and enzymes, carbohydrates, lipids and membranes, coenzymes and diseases, and nucleic acids (DNA and RNA). Finally, this course covers the interrelationships of the metabolic cycles of the bio-active compounds in living cells such as carbohydrates, lipid, and proteins.

SHS 207 - Library Science and Information Literacy

(2-2-3)

Prerequisite: GED 101

This course introduces the students to the basics of information literacy. It provides them with the basic skills they will need during their university study. Students should build on these skills in many more courses, and throughout their career and real life. They should make an effort to recognize information needs, access and evaluate appropriate information to answer those needs. Topics include: Understanding Information literacy, Search techniques, Finding articles, Surfing the web, Evaluating information, Using information, Subject resources.

SHS 208 - Infectious Diseases

(3-0-3)

Prerequisite: None

This course introduces the students to infectious diseases with emphasis on the impact of infectious diseases in public health. Infectious diseases are grouped by body systems and mode of transmission. The

course covers a selection of emerging food-borne, water-borne, bacterial, viral, and zoonotic diseases. Approaches to prevention and control are also discussed.

SHS 212 - Health Planning

(3-0-3)

Prerequisite: SHS 102

This course introduces the global health, its status, and the threats and challenges facing today's health planners. Topics include: Images of health, Human health in changing world, Demographic transition, A new global health threat, Reproductive and child health, Tackling inequalities in health, Endangered future of humans, Recent trends in environmental health, Need for healthcare reforms, Recent trends in environmental health, Health economics, Health economics, Economic aspects of health planning, Health policy, Future trends in the healthcare.

SHS 213 - Introduction to Healthcare Quality Management

(3-0-3)

Prerequisite: HOM 101

This course introduces to TQM and its application in the healthcare field. Topics include: Evolution of Total Quality Management, Evolution of Quality in healthcare, Principles of total quality in healthcare organizations, Group processes in healthcare quality improvement, Process orientation in healthcare quality, Clinical practice guidelines/ patient-centered care, Implementation of quality improvement in healthcare, Outcome model of healthcare quality, Data management, measurement, and statistical analysis in CQI, Cost and healthcare quality, The law, ethics, and total quality.

SHS 220 - Applied Medical Terminology

(3-0-3)

Prerequisite: None

This course introduces students to the terminology of medicine. The students will gain an understanding of basic elements, rules of building and analyzing medical words, and medical terms associated with the body as a whole. Utilizing a systems-approach, the students will define, interpret, and pronounce medical terms relating to structure and function, pathology, diagnosis, clinical procedures, oncology, and pharmacology.

SHS 221 - Chronic and Non-Infectious Diseases

(3-0-3)

Prerequisite: None

This course covers patterns of occurrence and strategies for control and prevention of non-infectious/chronic diseases. Topics include chronic disease epidemiology, public health approaches to chronic disease control, lifestyle risk factors, chronic diseases morbidity and mortality, treatment options and rehabilitation outcomes, cardiovascular diseases, cancer diseases, diabetes, arthritis, stress, the impact of health care disparities on illness and disability, patient education and self-management techniques.

SHS 311 - Human Resources Management in Healthcare

(3-0-3)

Prerequisite: None

This course introduces the subject of human resource management to the students by focusing on the required strategies. Topics include Human resource strategy and planning, Job design, scheduling, and staffing strategies, Recruitment, Short listing and interviews, Employment relationship, Credentials and process of credentialing, Physician privileging, Orientation, training, development, and succession planning, Performance management, Payment systems and partnership and employee involvement, Discipline, grievance, dismissal, redundancy, and outplacement, Compensation, benefits and recognition strategy.

SHS 312 - Measuring Performance in Healthcare Organizations

(3-0-3)

Prerequisite: SHS 213

This course addresses performance measurement in supporting a culture of continuous improvement in a modern healthcare organization. Topics include: Need for measuring performance, Key performance indicators and critical success factors in a healthcare organization, Methodologies used in the assessment of quality of healthcare, Excellence Models of measuring performance, Stakeholders' perspectives & measurement of performance of a healthcare organization, Introducing a quality initiative and factors

affecting its implementation, Measuring the effectiveness of quality initiatives on organizational Performance, Measuring the effectiveness of quality initiatives on different services, functions, and activities of a healthcare organization.

SHS 314 - Health Economics and Financial Management

(3-0-3)

Prerequisite: None

This course introduces the basic principles of macro and microeconomics and the elements necessary to apply these principles to the health care field. Health Economics basic principles, Economic Tools to improve resource allocation and decision making, Specificity of health economics, Healthcare finance, Assets, Liabilities, and Net Worth, Revenues & Expenses, Cost Classifications, Cost behavior and Break-even Analysis, The manager's responsibility with respect to staffing, Reporting, financial and operational ratios as performance measures, Time value of money, Comparative Data, forecasts, and benchmarking, Budgeting and variance analysis, Capital expenditure budgets.

SHS 401 - Healthcare Ethics

(3-0-3)

Prerequisite: 81 Cr. Hrs.

This course introduces the students to the healthcare ethics. Topics include: Human value development, Decision making in value issue, Types of ethical theory, Basic principles of healthcare ethics, Confidentiality and the management of healthcare information, Healthcare professional-patient relationships, Patient and family rights, Administrative Ethical issues, Biomedical Ethical issues, Legal issues, culturally appropriate healthcare, Codes of Professional ethics.

SHS 402 - Performance and Service Improvement in Healthcare

(3-0-3)

Prerequisite: SHS 312

This course presents an in-depth analysis of the concept of continuous improvement and its application in the healthcare field. Topics include: defining performance improvement, healthcare and the concept of continuous improvement, continuous performance improvement model, identifying improvement opportunities, aggregating and analyzing performance improvement data, communicating performance improvement activities and recommendations, measuring consumer satisfaction, organizing for performance improvement, developing effective performance improvement teams, managing health performance improvement projects, evaluating the performance improvement program, Benchmarking and best practice.

SHS 414 - Public Health Ethics

(3-0-3)

Prerequisite: SHS 200

This course addresses ethical issues related to health at a population and community level: public health ethical concepts such as consequentialism, non-consequentialism and liberal political philosophy. The course also covers ethical framework of public health activities.

SHS 420 - Career Tasks and Challenges in Public Health

(3-0-3)

Prerequisite: 81 Cr. Hrs.

This course provides students with the opportunity to examine the methodologies to solve current issues in public health. It focuses on current solutions faced in public health. Students are exposed to professionals from the field of public health to gain a better understanding of career tasks and challenges.

SHS 424 - Leadership

(3-0-3)

Prerequisite: SHS 414

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.

SWS 110 - Programming I

(2-2-3)

Prerequisite: None

This course introduces 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. It is intended for students who have no programming experience.

SWS 111 - Programming II

(2-2-3)

Prerequisite: SWS 110

This course focuses on the object-oriented paradigm. Course topics include: objects and classes; object-oriented design; encapsulation and information hiding, inheritance and composition, polymorphism, abstract classes, interfaces, simple data structures and their applications (array, string manipulation, recursion, streams and File I/O), Programming practice using a modern high-level language.

SWS 211 - System Analysis and Design

(3-0-3)

Prerequisite: SWS 111

This course introduces the students to the information system concepts and the system development process. The course emphasizes the development phase of analysis, the application of structured methods, and the use of tools. Coverage includes Structured systems analysis and design methodologies, functional decomposition, data flow diagram approach (DFD), Project Planning, Project Management, Current Trends in System Development, and information modeling. Students will also learn to evaluate the quality of new system. Students explore object-oriented analysis and design (OOA & OOD) models using industry standard UML techniques.

SWS 215 - Web Development

(2-2-3)

Prerequisite: BCS 306

This course presents basic concepts and techniques related to Web development, front-end and back-end. Students will learn how to build responsive HTML pages at the client side, and dynamically generated pages at the serve side. They will build complete applications that utilize the full-stack standards and technologies such as HTML5, CSS, and JavaScript.

SWS 315 - Mobile Application Development

(2-2-3)

Prerequisite: SWS 215

This course teaches students how to build mobile apps for mobile operating platforms. It also explains key concepts and basic platform requirements for creating mobile applications. Emphasis is placed on the processes, tools and frameworks required to develop applications for current and emerging mobile computing devices.

SWS 351 - Management Information Systems

(2-2-3)

Prerequisite: GED 102 or SWS 110

This course introduces the study of organizations as systems supported by information processing. It focuses on describing information systems (IS) requirements and applying IT on business and management. Topics include IS in the Enterprise, Electronic Business and Electronic Commerce, IT Infrastructure and Platforms, Managing Data Resources, Security and Control, Enterprise Applications and Business Process Integration, Management Decision-Making for the Digital Firm, Redesigning the Organization with IS, Understanding the Business Value of Systems, Managing International IS.

SWS 400 - Data Warehousing

(3-0-3)

Prerequisite: BCS 306

This course covers scientific and practical aspects of current data warehouse with visions on reasonable solutions for management and technical fields. The topics covered are concepts of the data warehousing and business requirements, data warehousing and Business Intelligence approaches, planning for data acquisition, centralization, distribution, performance and presentation, Enterprise Data models, Data Governance, and ETL (Extract, Transform and Load) data into Data warehouse.

SWS 401 - Web Services Integration
(2-2-3)
Prerequisite: NET 405

This course covers web services designed to enable applications to communicate over a network. It introduces students to Service-Oriented Architecture (SOA) and Representational State Transfer (REST) to develop reusable web services. SOA and REST both are architectural styles that are cornerstones of modern applications and cloud computing. Both aim to deliver scalable and interoperable solutions. Students will learn how to implement Web Services using a REST based architecture (RESTful). The course also describes proper design of Web Services and applications to implement a SOA.

SWS 421 - Cryptographic Protocols and Algorithms
(3-0-3)
Prerequisite: NET 220

Security protocol modules; Basic cryptography objectives namely confidentiality, integrity, authentication, freshness, and non-repudiation; Security tools; Symmetric (secret-key) mechanisms; Asymmetric (public-key) mechanisms; Cryptographic algorithms and protocols (e.g., DES, AES, RSA, RCA), Encryption for confidentiality and authentication; Key management and exchange; Message Authentication and Hash Functions; digital signatures, Implementation of algorithms.

SWS 405 - Applied Artificial Intelligence
(2-2-3)
Prerequisite: MTH 130, BCS 222 or SWS 111 & BCS 206

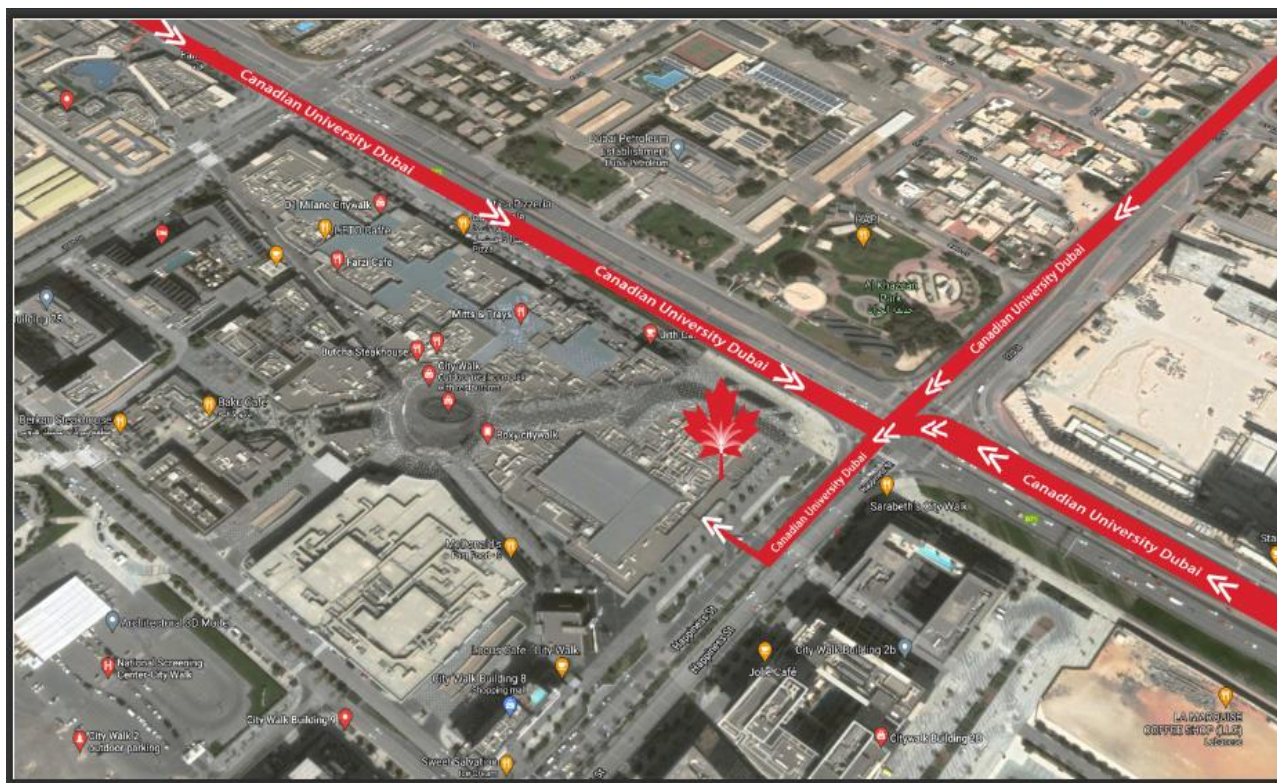
This course provides an introduction to the basic principles and tools of applied artificial intelligence. It covers foundations of artificial intelligence, applying probabilistic reasoning models, search techniques to solve problems in either single agent environment or competitive environment, applying modern machine learning tools to solve classification and regression problems.

Glossary

1. Academic Integrity	Refers to moral behaviors and principles upholding the academic values in terms of respect, honesty, compliance, responsibility and accountability.
2. Academic Responsibility	Refers to the students' academic responsibilities to espouse the academic standards in performance as established for the programs of interest.
3. Academic Violation	Refers to unethical actions for example plagiarism, cheating on examination, fabrication of information and Information and Communication Technology misuse.
4. Academic year	This is the period devoted to teaching which is determined according to the academic calendar.
5. Advisor	Faculty member called 'Advisor' assigned to counsel student, called the 'Advisee' on academic matters.
6. Alumni	Students who have studied in and graduated from Canadian University Dubai.
7. Concentration	Concentrations are best thought of as a grouping of courses which represent a sub-specialization taken within the major field of study. For example, a student majoring in biology might have a concentration in genetics, or a student in electrical engineering may have a concentration in telecommunications or instrumentation and control. A concentration may be specified on the diploma or in the student's academic record (transcript).
8. Courses	This is a program of study presented in lectures or other classes with a fixed number of contact hours per week throughout the semester. Each course is given a title and ID number and is related to other course within an integrated curriculum.
9. Credit Hour (CH.)	The academic credit provides a basis to measure the amount of engaged learning time expected of a typical student. A credit, or credit hour, is a unit of measurement defining the student's overall effort towards attaining a qualification. One semester credit equals approximately 1 hour of time in class per week over a semester of 15 weeks or longer. For laboratory or studio-based courses, the allocation of credit differs; 1 semester credit normally is given for two hours of laboratory or studio time per week over a 15-week semester.
10. Curriculum	This is a full description for the program. It consists of: • A syllabus of integrated courses that must be passed to fulfill the requirements of the program. • A practical training period which is integrated into the curriculum.
11. Department	The term department may refer to a unit within a university.
12. Double Concentration	Refers to registration of two concentrations within a program in compliance to its admission policy and guidelines and fulfilling the degree requirement.
13. Major	The major is the field of study in which a student specializes at the baccalaureate level. The term is not typically used in qualifications below the baccalaureate and is only occasionally used in graduate programs. The major usually requires that a student complete a minimum of 30 semester credits (or equivalent) in the subject area. To earn a double major, a student must meet the subject-area requirements of each of the two majors. Typically, a student receiving a degree with a major will be issued a diploma that includes the name of the major: for instance, Bachelor of Arts in History or Bachelor of Science in Biology.
14. Minor	A secondary field of study requiring certain credit hours depending on the academic program of interest

15. New and Returning Students	New students refer to those registering for the first time in Canadian University Dubai whereas the returning students are those who have studied in previous semesters and return to register in the following semester.
16. Prerequisite Course	This refers to the course that must be passed by the student before being allowed to register in another course.
17. School	May refer to an educational institution that offers education at a secondary or lower level, such as the British School or the Indian School
18. Semester	This is a teaching period lasting for fifteen weeks excluding the examination period
19. Student Exchange	Student studying from foreign institution and allowed to take courses in Canadian University Dubai within the approved academic duration based on the student exchange program agreement
20. Student ID Card	Canadian University Dubai Students identification card providing and managing access to university facilities and services
21. Transfer Credit	It is a term used for the procedure of granting <u>credit</u> to a student for <u>courses</u> undertaken at another institution prior admission to Canadian University Dubai.
22. University	A large, diverse institution of higher education and research that offers both Undergraduate and Graduate degrees. Universities are typically composed of a number of Schools, Colleges or Departments devoted to the study of closely related disciplines or a single discipline, such as School of Architecture & Interior Design or Faculty of Communication, Arts and Sciences (FCAS).

University Campus and Map Location



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